Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Storage of combustible products and dangerous goods, inside and outside of buildings.

Exception:
- except as stated in Sentence 3.1.1.2.(1), which applies to Class 7 radioactive materials;
- Sentence 3.1.1.3.(1), which applies to the storage of Class 1 dangerous goods except as otherwise required by Subsection 3.2.10. for fireworks;
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Application

1) This Part applies to the storage of combustible products and dangerous goods, both inside and outside of buildings. (See Appendix A.)

Intent

1. To state the application of Part 3.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application


Intent

I. To limit the probability that Class 7 radioactive materials will cause or be involved in a fire or explosion, which could lead to harm to persons, including emergency responders.

CodeReference (including record number) 3.1.1.2.(1)-01
Attribution - functional statement/objective F01,F02,F03,F81-OS1.1,OS1.2

CodeText

1) Class 7 radioactive materials shall be stored in conformance with the “Nuclear Safety and Control Act” and its Regulations, published by the CNSC.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Storage of substances that the Transportation of Dangerous Goods Regulations classifies as Class 1 Explosives, such as blasting agents, detonators, propellant explosives, pyrotechnics, fireworks and ammunition, inside and outside of buildings.

Exception:

except for fireworks as stated in Subsection 3.2.10.

Intent

I1. To limit the probability that Class 1 explosives will cause or be involved in a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

CodeReference (including record number)  3.1.1.4.(1)-01
Attribution - functional statement/objective  Not applicable

CodeText
1) This Part shall not apply to
a) facilities operated by manufacturers or distributors at which Class 2 gases are manufactured, or containers are filled or distributed, provided that storage and handling is in conformance with good engineering practice (see Appendix A), and
b) the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations covered in Section 4.6.

Application
A1. Storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations covered in Section 4.6.

Intent
I1. To exempt certain situations from the application of Part 3 on the basis that those situations are covered in Part 4.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.1.1.4.(1)-02
Attribution - functional statement/objective Not applicable

CodeText

1) This Part shall not apply to
a) facilities operated by manufacturers or distributors at which Class 2 gases are manufactured, or containers are filled or distributed, provided that storage and handling is in conformance with good engineering practice (see Appendix A), and
b) the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations covered in Section 4.6.

Application

A1. Facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg of Class 2 gases, as stated in Appendix A], at which Class 2 gases are manufactured, or containers are filled or distributed, and where storage and handling of Class 2 gases is done in conformance with good engineering practice [such as described in CGA P-1 referenced in Appendix A].

Intent

I1. To exempt certain situations from the application of Part 3 where extraordinary conditions are present and alternative measures are taken to provide a level of safety equivalent to the one described in Part 3.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.1.1.4.(2)-01
Attribution - functional statement/objective F01,F02,F03,F81-OS1.1,OS1.2

CodeText

2) Except as provided in this Part, the storage and handling of liquefied petroleum gases shall conform to gas regulations made pursuant to the Safety Codes Act.

Application

A1. Storage and handling of liquefied petroleum gases, inside and outside of buildings.

Exception:
except
- as otherwise stated in Part 3, and
- as stated in Sentence 3.1.1.4.(1), which applies to:
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that liquefied petroleum gases will cause or be involved in a fire or explosion, which could lead to harm to persons, including emergency responders.
2) Except as provided in this Part, the storage and handling of liquefied petroleum gases shall conform to gas regulations made pursuant to the Safety Codes Act.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.1.1.4.(3)-01
Attribution - functional statement/objective  F01,F02,F03,F81-OS1.1,OS1.2

CodeText
3) Except as provided in this Part, the storage and handling of natural gas shall conform to gas regulations made pursuant to the Safety Codes Act.

Application

Exception:
- as otherwise stated in Part 3, and
- as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
I1. To limit the probability that natural gas will cause or be involved in a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number)    3.1.1.4.(3)-02
Attribution - functional statement/objective  Not applicable

CodeText


Exception:
- as otherwise stated in Part 3, and
- as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
I1. To clarify that gas regulations made pursuant to the Safety Codes Act apply to the storage and handling of natural gas unless there is a specific requirement in Part 3.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.1.2.1.(1)-01
Attribution - functional statement/objective Not applicable

CodeText

1) Classes and divisions of dangerous goods referred to in this Code shall mean their primary and first subsidiary classification, as defined in Part II of the “Transportation of Dangerous Goods Regulations.”

Application


Exception:
except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To define the terminology used to describe dangerous goods in the Alberta Fire Code 2006 and make it compatible with the Transportation of Dangerous Goods Regulations.
Application and intent of Division B provisions

**Application**

A1. Storage of Class 9 dangerous goods, inside and outside of buildings.

**Intent**

1. To clarify the application of Part 3 to Class 9 dangerous goods.

**CodeReference** (including record number) 3.1.2.1.(2)-01

**Attribution - functional statement/objective** Not applicable

**CodeText**

2) Class 9 dangerous goods shall be stored according to the hazard they present based on their properties as dangerous goods.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.1.2.1.(3)-01
Attribution - functional statement/objective Not applicable

CodeText
3) For the purposes of this Code, Class 3 dangerous goods shall mean flammable liquids and combustible liquids as defined in Subsection 4.1.2.

Application

Intent
I1. To clarify the terminology used to describe Class 3 dangerous goods in the Alberta Fire Code 2006 and make it compatible with the terminology in Article 4.1.2.1.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 3.1.2.2.(1)-01
Attribution - functional statement/objective F51-OS1.1

CodeText

1) Class 5.1 ammonium nitrate and Class 2 gases shall not be stored in an area where the ambient air temperature is higher than 52°C.

Application

A1. Ambient air temperature for the storage of Class 5.1 ammonium nitrate and Class 2 compressed gases, inside and outside of buildings.

Exception:
except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that Class 5.1 ammonium nitrate and Class 2 gases will be stored at temperatures at which they become highly reactive or unstable, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.1.2.2.(2)-01
Attribution - functional statement/objective F51-OS1.1

CodeText

2) Dangerous goods shall not be stored in areas where the ambient temperature may cause them to become unstable or susceptible to undesirable reactions.

Application

A1. Areas for the storage of dangerous goods that are unstable at normal ambient temperatures, inside and outside of buildings.

Exception:
except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that dangerous goods will be stored at temperatures at which they become reactive or unstable, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 3.1.2.2.(3)-01
Attribution - functional statement/objective F51-OS1.1

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Application

A1. Refrigerated areas for the storage of dangerous goods that are unstable at normal ambient temperatures, inside and outside of buildings.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

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Intent

I1. To limit the probability that dangerous goods will be stored at temperatures at which they become reactive or unstable, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.1.2.3.(1)-01
Attribution - functional statement/objective  F20,F43,F80,F81-OH5

CodeText

1) Dangerous goods shall be stored in packages or containers
   a) made of materials that are compatible with the product they contain, and
   b) of durable construction and designed to resist damage from normal material handling activities.

Application

A1. Packages and containers in which dangerous goods are stored inside and outside of buildings.

Exception:
   except as stated in Sentence 3.1.1.4.(1) which applies to
   - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
   - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as
     stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability of
   - an undesirable reaction between the packaged product and the packaging material, or
   - mechanical damage to the package or container that may occur during normal material handling.

This is to limit the probability of the unwanted release of product, which could lead to harm to the public.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Packages and containers in which dangerous goods are stored inside and outside of buildings.

Exception: except as stated in Sentence 3.1.1.4.(1) which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Application

A1. Packages and containers in which dangerous goods are stored inside and outside of buildings.

Exception: except as stated in Sentence 3.1.1.4.(1) which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability of
- an undesirable reaction between the packaged product and the packaging material, or
- mechanical damage to the package or container that may occur during normal material handling.

This is to limit the probability of the unwanted release of product, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.1.2.3.(1)-03
Attribution - functional statement/objective F20,F43,F80,F81,F01-OS1.1

CodeText

1) Dangerous goods shall be stored in packages or containers
   a) made of materials that are compatible with the product they contain, and
   b) of durable construction and designed to resist damage from normal material handling activities.

Application

A1. Packages and containers in which dangerous goods are stored inside and outside of buildings.

Exception:
   except as stated in Sentence 3.1.1.4.(1) which applies to
   - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
   - facilities operated by manufacturers or distributors [handling or storing more than 1500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability of
   - an undesirable reaction between the packaged product and the packaging material, or
   - mechanical damage to the package or container that may occur during normal material handling.

This is to limit the probability of the unwanted release of product, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Packages or containers of dangerous goods that are subject to a current standard established by transportation regulatory authorities, when stored inside and outside of buildings.

Exception: except as stated in Sentence 3.1.1.4.(1) which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

I1. To limit the probability of
- an undesirable reaction between the packaged product and the packaging material, or
- mechanical damage to the package or container that may occur during normal material handling.

This is to limit the probability of the unwanted release of product, which could lead to harm to the public.
A1. Packages or containers of dangerous goods that are subject to a current standard established by transportation regulatory authorities, when stored inside and outside of buildings.

Exception: except as stated in Sentence 3.1.1.4.(1) which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

I1. To limit the probability of
- an undesirable reaction between the packaged product and the packaging material, or
- mechanical damage to the package or container that may occur during normal material handling.

This is to limit the probability of the unwanted release of product, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

A1. Packages or containers of dangerous goods that are subject to a current standard established by transportation regulatory authorities, when stored inside and outside of buildings.

Exception:
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors (handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)) of Class 2 gases.

Intent

I1. To limit the probability of
- an undesirable reaction between the packaged product and the packaging material, or
- mechanical damage to the package or container that may occur during normal material handling.

This is to limit the probability of the unwanted release of product, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.1.2.4.(1)-01
Attribution - functional statement/objective  F81-OS1.1

CodeText

1) Cylinders and tanks of Class 2 gases shall be protected against mechanical damage.

Application

A1. Protection against mechanical damage of cylinders and tanks of Class 2 gases stored inside or outside of buildings.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that mechanical damage to the tank or cylinder will lead to the unwanted release of compressed gases, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.1.2.4,(1)-02
Attribution - functional statement/objective F81-OS3.4

CodeText

1) Cylinders and tanks of Class 2 gases shall be protected against mechanical damage.

Application

A1. Protection against mechanical damage of cylinders and tanks of Class 2 gases stored inside or outside of buildings.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that mechanical damage to the tank or cylinder will lead to the unwanted release of compressed gases, which could lead to harm to persons, including emergency responders.
### CodeText

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<td>Attribution - functional statement/objective</td>
<td>F81-OS1.1</td>
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</table>

2) Cylinders of Class 2 gases that are in storage shall be
   a) protected against valve damage (see Appendix A), and
   b) firmly secured in a position that will not interfere with the operation of the cylinder valve assembly.

### Application

A1. Protection against valve damage and securing of stored cylinders of Class 2 gases, inside and outside of buildings.

Exception:
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

### Intent

I1. To limit the probability that mechanical damage to, or improper operation of, the valve assembly of stored cylinders will lead to the unwanted release of compressed gases, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Application
A1. Protection against valve damage and securing of stored cylinders of Class 2 gases, inside and outside of buildings.

Exception:
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors (handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)) of Class 2 gases.

Intent
I1. To limit the probability that mechanical damage to, or improper operation of, the valve assembly of stored cylinders will lead to the unwanted release of compressed gases, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

3.1.2.4.(3)-01

F22,F81-OS1.1

CodeReference (including record number)

Attribution - functional statement/objective

Application

3) Cylinders of Class 2 gases shall be transported in devices designed to provide restraint against movement in any direction.

Application

A1. Transportation of Class 2 gases in cylinders, inside and outside of buildings.

Exception:

- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that impacts or vibrations during transportation will lead to mechanical damage to cylinders, which could lead to the unwanted release of compressed gases, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference  (including record number)  3.1.2.4.(3)-02
Attribution - functional statement/objective  F81.F22-OS3.4

Application

3) Cylinders of Class 2 gases shall be transported in devices designed to provide restraint against movement in any direction.

Exception:
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that impacts or vibrations during transportation will lead to mechanical damage to cylinders, which could lead to the unwanted release of compressed gases, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.1.2.4.(4)-01
Attribution - functional statement/objective F05-OS1.5

Application

A1. Storage of cylinders of Class 2 gases, inside and outside of buildings:
   - in any exit or corridor providing access to exits,
   - under any fire escape, outside exit stair, passage or ramp, or
   - within 1 m of any building exit.

Exception:
   except
   - for portable extinguishers, and
   - as stated in Sentence 3.1.1.4.(1), which applies to
   - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
   - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that a fire or explosion will involve Class 2 compressed gases in or near egress routes, which could negatively affect the safe egress of building occupants, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.1.2.5.(1)-01
Attribution - functional statement/objective  Not applicable

CodeText
1) Reactive substances shall be stored based on their properties when classified as dangerous goods according to Part II of the “Transportation of Dangerous Goods Regulations.” (See Appendix A.)

Application

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to:
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations,
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
I1. To clarify the application of Part 3 to reactive substances.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Storage of reactive substances that are unstable and susceptible to reaction [such as polymerization, or self-accelerating decomposition initiated by heat, shock, vibration, light or sound waves], inside and outside of buildings.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that reactive substances will have an undesirable reaction, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Storage of reactive substances that react with water, inside and outside of buildings.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

CodeText

3) Reactive substances that may react with water shall be stored in sealed containers in a dry location.

Application

A1. Storage of reactive substances that react with water, inside and outside of buildings.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that reactive substances will have an undesirable reaction with water or humidity, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
A1. Storage of reactive substances that ignite spontaneously in air, inside and outside of buildings.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
II. To limit the probability that reactive substances will have an undesirable reaction with air, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 3.1.2.5.(5)-01
Attribution - functional statement/objective F12-OS3.4

5) Every building or part of a building that is used for the storage or use of any substance that reacts violently with water shall be plainly and conspicuously marked on the outside with signage legible from 6 m using the words "REACTIVE SUBSTANCE, USE NO WATER."

Application

A1. Storage or use of substances that react violently with water, inside and outside of buildings.

Exception:
except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that emergency responders and other persons would inadvertently apply water to reactive substances that have an undesirable reaction with water, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.

I2. To alert emergency responders to the presence of reactive substances so that appropriate action can be taken during fire fighting activities to prevent the use of water, which could lead to an undesirable reaction, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Application

A1. Fire safety plan where dangerous goods are stored or handled in areas inside and outside of buildings that are required in Section 2.8. to have a fire safety plan.

CodeText

1) In addition to the information required in Section 2.8., where dangerous goods are stored or handled, the fire safety plan shall include the names, addresses and telephone numbers of persons to be contacted in case of fire during non-operating hours.

Intent

I1. To limit the probability of delays or ineffectiveness in conducting spill control or firefighting operations, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Application

A1. Fire safety plan where Class 7 radioactive materials are stored or handled in areas inside and outside of buildings that are required in Section 2.8. to have a fire safety plan.

A2. This also applies where Class 7 radioactive materials are used or handled, as stated in Sentence 5.1.5.1.(3).

Intent

I1. To limit the probability of delays or ineffectiveness in conducting operations to control a fire emergency and to safely recover radioactive materials and equipment, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

 Alberta Fire Code 2006

A1. Designation, use, maintenance and operation of industrial trucks used in storage areas for combustible products and dangerous goods, inside and outside of buildings.

Exception:
except as stated in
- Sentence 3.1.3.1.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.1.3.1.(2), which applies to the design and construction of fuel-fired industrial trucks,
- Sentence 3.2.9.3.(2), which applies to the refuelling of industrial trucks in ammonium nitrate storage areas, and
- Sentence 3.2.9.3.(3), which applies to parking of fuel-fired industrial trucks in ammonium nitrate storage areas.

1) Except as provided in Sentences (2) and (3), the designation, use, maintenance and operation of industrial trucks shall conform to NFPA 505, “Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operation.”

Application

A1. Designation, use, maintenance and operation of industrial trucks used in storage areas for combustible products and dangerous goods, inside and outside of buildings.

Exception:
except as stated in
- Sentence 3.1.3.1.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.1.3.1.(2), which applies to the design and construction of fuel-fired industrial trucks,
- Sentence 3.2.9.3.(2), which applies to the refuelling of industrial trucks in ammonium nitrate storage areas, and
- Sentence 3.2.9.3.(3), which applies to parking of fuel-fired industrial trucks in ammonium nitrate storage areas.

Intent

I1. To limit the probability that industrial trucks will cause a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
I1. To exempt the design and construction of fuel-fired industrial trucks from the application of the reference to NFPA 505 in Sentence 3.1.3.1.1(1), if the industrial trucks are provided with fire safety features.

This is to limit the probability that such industrial trucks will cause a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.1.3.1.(3)-01
Attribution - functional statement/objective F01,F81-OS1.1

CodeText

3) Battery-powered industrial trucks shall conform to ULC/ORD-C583, “Electric Battery Powered Industrial Trucks.”

Application

A1. Design and construction of battery-powered industrial trucks used in storage areas for combustible products and dangerous goods, inside and outside of buildings.

Exception:
except as stated in Sentence 3.1.1.4.(1), which applies to:
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To exempt the design and construction of battery-powered industrial trucks from the application of the reference to NFPA 505 in Sentence 3.1.3.1.(1), if the industrial trucks are provided with fire safety features.

This is to limit the probability that such industrial trucks will cause a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.1.4.1.(1)-01
Attribution - functional statement/objective F01-OS1.1

CodeText

1) Where wiring or electrical equipment is located in areas in which flammable gases or vapours, combustible dusts or combustible fibres are present in quantities sufficient to create a hazard, such wiring and electrical equipment shall conform to electrical regulations made pursuant to the Safety Codes Act for hazardous locations. (See A-5.1.2.1.(1) in Appendix A.)

Application

A1. Wiring and electrical equipment located in areas where flammable gases or vapours, combustible dusts or combustible fibres are present in quantities sufficient to create a hazard in storage areas for combustible products and dangerous goods, inside and outside of buildings.

Exception:
except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that electrical equipment will ignite gases, vapours, combustible dusts or combustible fibres, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Prohibition on the storage, manufacture or handling of volatile solids, liquids or gases that generate explosive air-vapour mixtures or for processes that involve explosive dusts.

This applies to a basement.

Exception:

except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that the fire load and fire characteristics of the products will not be controlled or limited, which could lead to the ineffectiveness of automatic or manual firefighting operations in a fire situation involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that the fire load and fire characteristics of the products will not be controlled or limited, which could lead to ignition of the products, which could lead to the spread of fire beyond its area of origin, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.1.5.1.(1)·02
Attribution - functional statement/objective F02-OP1.2

Application

A1. Prohibition on the storage, manufacture or handling of volatile solids, liquids or gases that generate explosive air-vapour mixtures or for processes that involve explosive dusts.

This applies to a basement.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that the fire load and fire characteristics of the products will not be controlled or limited, which could lead to the ineffectiveness of automatic or manual firefighting operations in a fire situation involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to damage to the building.

I2. To limit the probability that the fire load and fire characteristics of the products will not be controlled or limited, which could lead to ignition of the products, which could lead to the spread of fire beyond its area of origin, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.1.1.(1)-01
Attribution - functional statement/objective Not applicable

CodeText
1) Except as permitted in Sentence (2), this Section shall apply to buildings or parts of buildings used for the storage of the following products:
   a) Class I, II, III and IV commodities, and Group A, B and C plastics, as defined in NFPA 13, “Installation of Sprinkler Systems” (see Appendix A),
   b) rubber tires and combustible fibres,
   c) packaged Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
   d) dangerous goods in packages or containers, as covered in Subsection 3.2.7., or
   e) closed containers of distilled beverage alcohols.
(See Appendix A.)

Application
A1. Buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
   - Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
   - rubber tires and combustible fibres,
   - Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
   - dangerous goods, as described in Subsection 3.2.7.,
   - closed containers of distilled beverage alcohols, and
   - dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception: except as stated in
   - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
   - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
   - Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To state the application of Section 3.2.
2) High rack storage warehouses with storage heights greater than 13 m, where conditions exist that must be addressed by design and operational details specific to the hazard, need not conform to this Section, where alternative protection is provided in conformance with Article 1.2.1.1. of Division A.

Exception:
except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.
Application and intent of Division B provisions

Alberta Fire Code 2006

3.2.1.1.(2)-02

F02-O51.2

CodeReference (including record number)

Attribution - functional statement/objective

Application

A1. High rack storage warehouses with storage heights greater than 13 m, where conditions exist that must be addressed by design and operational details specific to the hazard, and alternative protection is provided in conformance with Article 1.2.1.1. of Division A. This applies to short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods:

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to:

- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and the facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To exempt, from the application of Part 3, storage situations where extraordinary conditions exist that must be addressed by design and operational details specific to the hazard, if alternative protection is provided in conformance with Article 1.2.1.1. of Division A.

This is to limit the probability that a fire will not be suppressed or controlled, which could lead to the spread of fire, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.2.1.(1)-01
Attribution - functional statement/objective Not applicable

CodeText

1) Unless otherwise specified, this Subsection shall apply to the indoor storage of any product covered in this Section.

Application

A1. Buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods.

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:

- as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- as otherwise stated [in Subsections 3.2.3. to 3.2.10. and Part 4].

Intent

11. To state the application of Subsection 3.2.2.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application - functional statement/objective Not applicable

CodeReference (including record number) 3.2.2.1.(1)-02

CodeText

1) Unless otherwise specified, this Subsection shall apply to the indoor storage of any product covered in this Section.

Application

A1. Buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods, when such products are also covered in other provisions of the Alberta Fire Code 2006 [Subsections 3.2.3. to 3.2.10. and Part 4]:
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To clarify that, in cases where the provisions of Subsection 3.2.2. [regarding the indoor storage of any product covered in Section 3.2.] are in conflict with other provisions in the Alberta Fire Code 2006, those [other] provisions shall take precedence.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 3.2.2.2.1-01
Attribution - functional statement/objective F12-OP1.2

A1. Provision, maintenance and adequacy of access for firefighting purposes to all portions of the storage area.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods:
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Provision, maintenance and adequacy of access for firefighting purposes to all portions of storage areas.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods:
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Application

F12-OS1.2

1) Adequate access for firefighting purposes shall be provided and maintained to all portions of the storage area.

Intent

I1. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum width of access aisles to fire department access panels and to fire protection equipment.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods.

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:

except as stated in
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to damage to the building.
Algorithm and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum width of access aisles to fire department access panels and to fire protection equipment.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods.

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception: except as stated in

- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.2.2.(3)-01
Attribution - functional statement/objective F12-OP1.2

CodeText

3) Aisles shall be maintained free of obstruction.

Application


This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods:
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

11. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions


This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods:

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.2.2.(4)-01
Attribution - functional statement/objective F12-OP1.2

CodeText

4) A storage room or area that is greater than 100 m² shall be provided with at least one main aisle conforming to Sentences (5) to (8).

Application

A1. Main access aisles [for firefighting purposes] in storage rooms and areas that are greater than 100 m².

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods.

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:

except as stated in

- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to damage to the building.

I2. To state the application of Sentences 3.2.2.2.(5) to 3.2.2.2.(8) with respect to main aisles.
Application and intent of Division B provisions

Application

A1. Main access aisles [for firefighting purposes] in storage rooms and areas that are greater than 100 m² shall be provided with at least one main aisle conforming to Sentences (5) to (8).

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:

except as stated in

- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.

I2. To state the application of Sentences 3.2.2.2.(5) to 3.2.2.2.(8) with respect to main aisles.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum width of main access aisles [for firefighting purposes] in storage rooms and areas that are greater than 100 m².

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Sentence 3.2.2.2.(6), which applies to the width of main access aisles where the products are stored in racks and the building is sprinklered.

Intent

I1. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum width of main access aisles [for firefighting purposes] in storage rooms and areas that are greater than 100 m².

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods.

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Sentence 3.2.2.2.(6), which applies to the width of main access aisles where the products are stored in racks and the building is sprinklered.

Intent

I1. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.

I2. To limit the probability of obstruction of access aisles upon premature collapse of piles of stored products during firefighting operations, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders.

Application

F12-OS1.2 and F06-OS1.5

Attribution - functional statement/objective
A1. Width of main access aisles [for firefighting purposes] in storage rooms and areas that are greater than 100 m², where the products are stored in racks and the building is sprinklered.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To permit the minimum 6 m aisle width required in Clause 3.2.2.2.(5)(b) to be reduced to 2.4 m if certain conditions are met [the products are stored in racks and the building is sprinklered].

This is to limit the probability that
- piles of stored products will collapse prematurely during firefighting operations, which could lead to the obstruction of aisles, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders, and
- a fire will not be suppressed or controlled, which could lead to the spread of fire in the stored products to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Width of main access aisles [for firefighting purposes] in storage rooms and areas that are greater than 100 m², where the products are stored in racks and the building is sprinklered. This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in

- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To permit the minimum 6 m aisle width required in Clause 3.2.2.2.(5)(b) to be reduced to 2.4 m if certain conditions are met (the products are stored in racks and the building is sprinklered).

This is to limit the probability that
- piles of stored products will collapse prematurely during firefighting operations, and
- a fire will not be suppressed or controlled.

This could lead to the spread of fire in the stored products to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.2.2.(7)-01
Attribution - functional statement/objective F12-OP1.2

CodeText

7) Main access aisles shall extend
a) the length of the storage area where only one main access aisle is provided, or
b) the length or width of the storage area where 2 or more main access aisles are provided.

Application

A1. Location of main access aisles [for firefighting purposes] in storage rooms and areas that are greater than 100 m².

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
- except as stated in
  - Sentence 3.1.1.4.(1), which applies to
    - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
    - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
  - Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Application

A1. Location of main access aisles [for firefighting purposes] in storage rooms and areas that are greater than 100 m².

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a) of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

11. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum number of fire department access points to main access aisles [for firefighting purposes] in storage rooms and areas that are greater than 100 m². This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

8) Main access aisles shall be accessible from at least 2 fire department access points, which shall be located such that, in the event one becomes unusable due to fire, the other will still allow emergency responders to access the building.

Application

A1. Minimum number of fire department access points to main access aisles [for firefighting purposes] in storage rooms and areas that are greater than 100 m².

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum wall clearances, where stored products may swell or expand with the absorption of water.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Clause 3.2.6.4.(1)(d), which applies to the storage of baled combustible fibres.

Intent

I1. To limit the probability that water from firefighting operations will cause the stored products to swell, which could lead to structural failure of the building, which could lead to damage to the building.

I2. To limit the probability that water from firefighting operations will cause the stored products to swell, which could lead to structural failure of the building, which could lead to
- delays or ineffectiveness in emergency response operations, or
- impairment of automatic fire suppression systems, which could lead to such systems not suppressing or controlling a fire.

This is to limit the probability of the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum wall clearances, where stored products may swell or expand with the absorption of water.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Clause 3.2.6.4.(1)(d), which applies to the storage of baled combustible fibres.

Application

A1. Minimum wall clearances, where stored products may swell or expand with the absorption of water.

Intent

I1. To limit the probability that water from firefighting operations will cause the stored products to swell, which could lead to structural failure of the building, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that water from firefighting operations will cause the stored products to swell, which could lead to structural failure of the building, which could lead to
- delays or ineffectiveness in emergency response operations, or
- impairment of automatic fire suppression systems, which could lead to such systems not suppressing or controlling a fire.

This is to limit the probability of the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

CodeReference (including record number) 3.2.2.3.(2)-01
Attribution - functional statement/objective F12-OP1.2

CodeText

2) In unsprinklered buildings, a clearance of not less than 1 m between the top of storage and the underside of the floor or roof deck shall be maintained. (See Appendix A.)

Application

A1. Minimum clearance between top of storage and underside of floor or roof deck, in buildings that are not sprinklered.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 3.2.2.3.(2)-02
Attribution - functional statement/objective F12-OS1.2

CodeText

2) In unsprinklered buildings, a clearance of not less than 1 m between the top of storage and the underside of the floor or roof deck shall be maintained. (See Appendix A.)

Application

A1. Minimum clearance between top of storage and underside of floor or roof deck, in buildings that are not sprinklered.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that firefighting operations will be delayed or ineffective, which could lead to the spread of fire, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

**CodeReference** (including record number) 3.2.2.3.(3)-01
**Attribution - functional statement/objective** F04-OP1.3,OP1.2

**CodeText**

3) If the top of storage in piles, on shelves, in bin boxes or on racks is above the lower chords of floor or roof structural framing members, a clear space of not less than 300 mm shall be maintained between the storage and the structural members.

**Application**

A1. Minimum clearance between storage and structural members, where the top of storage in piles, on shelves, in bin boxes or on racks is above the lower chords of floor or roof structural framing members.

This applies to **buildings** or parts of **buildings** used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods, - Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems, - rubber tires and **combustible fibres**, - Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5., - **dangerous goods**, as described in Subsection 3.2.7., - closed containers of distilled beverage alcohols, and - **dangerous goods** in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

**Exception:**

except as stated in
- Sentence 3.1.1.4.(1), which applies to - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and - Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

**Intent**

I1. To limit the probability that the lower chords of floor or roof structural framing members will be subjected to excessive temperatures in a fire situation, which could lead to their premature failure or collapse, which could lead to damage to the building.

I2. To limit the probability that the lower chords of floor or roof structural framing members will be subjected to excessive temperatures in a fire situation, which could lead to their premature failure or collapse, which could lead to - delays or ineffectiveness in emergency response operations, or - impairment of automatic fire suppression systems, which could lead to such systems not suppressing or controlling a fire.

This is to limit the probability of the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum clearance between storage and structural members, where the top of storage in piles, on shelves, in bin boxes or on racks is above the lower chords of floor or roof structural framing members.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that the lower chords of floor or roof structural framing members will be subjected to excessive temperatures in a fire situation, which could lead to their premature failure or collapse, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that the lower chords of floor or roof structural framing members will be subjected to excessive temperatures in a fire situation, which could lead to their premature failure or collapse, which could lead to
- delays or ineffectiveness in emergency response operations, or
- impairment of automatic fire suppression systems, which could lead to such systems not suppressing or controlling a fire.

This is to limit the probability of the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

A1. Minimum clearance between top of storage and ceiling sprinkler deflectors, in sprinklered buildings.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:

except as stated in

- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a) of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that water distribution from sprinkler systems onto stored products will be inadequate in a fire situation, which could lead to the fire not being suppressed or controlled, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.
4) In sprinklered buildings, the clearance between the top of storage and ceiling sprinkler deflectors shall conform to the standard used to design the sprinkler system.

Application

A1. Minimum clearance between top of storage and ceiling sprinkler deflectors, in sprinklered buildings.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception: except as stated in

- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that water distribution from sprinkler systems onto stored products will be inadequate in a fire situation, which could lead to the fire not being suppressed or controlled, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.2.3.(5)-01
Attribution - functional statement/objective F01-O51.1

CodeText

5) Clearance between stored products and ducts or blower systems shall be maintained in conformance with Section 4.6.4 of NFPA 91, “Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Noncombustible Particulate Solids.” (See Appendix A.)

Application

A1. Clearance between stored products and duct or blower systems.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that stored products will be ignited by a fire originating in duct or blower systems, which could lead to harm to persons.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Article 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Article note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
- Sentence 3.2.2.4.(2), which applies to the indoor storage of combustible pallets in buildings that are not sprinklered, and
- Sentence 3.2.2.4.(3), which applies to the indoor storage of combustible pallets in buildings that are sprinklered.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 3.2.2.4.(2)-01
Attribution - functional statement/objective F02-OP1.2

CodeText

2) Indoor storage of combustible pallets is permitted in a building that is not sprinklered, provided
a) the height of storage of combustible pallets is not more than 1.2 m,
b) the width of an individual storage area is not more than 7.5 m, and
c) the aggregate area of storage is not more than
i) 100 m² for wood or solid deck non-expanded polyethylene pallets, or
ii) 50 m² for plastic pallets not designated in Subclause (c)(i).

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
a) Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
b) Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To supersede the requirements of Sentence 3.2.2.4.(1), which would otherwise require that the products be stored outdoors, and permit indoor product storage if certain size limitations are met.

This is to limit the probability that the fire load of the products will not be controlled or limited, which could lead to the ineffectiveness of manual firefighting operations in a fire situation involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.2.4.(2)-02
Attribution - functional statement/objective F02-OS1.2

CodeText

2) Indoor storage of combustible pallets is permitted in a building that is not sprinklered, provided
a) the height of storage of combustible pallets is not more than 1.2 m,
b) the width of an individual storage area is not more than 7.5 m, and
c) the aggregate area of storage is not more than
   i) 100 m² for wood or solid deck non-expanded polyethylene pallets, or
   ii) 50 m² for plastic pallets not designated in Subclause (c)(i).

Application

A1. Indoor storage of combustible pallets in a building that is not sprinklered, where:
   - the height of storage of combustible pallets is not more than 1.2 m,
   - the width of an individual storage area is not more than 7.5 m, and
   - the aggregate area of storage is not more than:
     i) 100 m² for wood or solid deck non-expanded polyethylene pallets, or
     ii) 50 m² for plastic pallets not designated in Subclause 3.2.2.4.(2)(c)(i).

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To supersede the requirements of Sentence 3.2.2.4.(1), which would otherwise require that the products be stored outdoors, and permit indoor product storage if certain size limitations are met.

This is to limit the probability that the fire load of the products will not be controlled or limited, which could lead to the ineffectiveness of manual firefighting operations in a fire situation involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Height, width and aggregate area of indoor storage of combustible pallets that are stored in conformance with NFPA 13, “Installation of Sprinkler Systems.”

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:

except as stated in

- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

II. To supersede the requirements of Sentence 3.2.2.4.(1), which would otherwise require that combustible pallets be stored outdoors, and permit them to be stored indoors without the limits on size stated in Sentence 3.2.2.4.(2), if pile storage conforms to NFPA 13.

This is to limit the probability that a sprinkler system will not suppress or control a fire involving the stored products, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.2.4.(3)-02
Attribution - functional statement/objective F02-OP1.2

CodeText
3) In a sprinklered building, the storage of combustible pallets is permitted to exceed the values stated in Sentence (2) provided such storage conforms to NFPA 13, “Installation of Sprinkler Systems.” (See Appendix A.)

Application

A1. Height, width and aggregate area of indoor storage of combustible pallets that are stored in conformance with NFPA 13, Installation of Sprinkler Systems, in sprinklered buildings.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:

except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To supersede the requirements of Sentence 3.2.2.4.(1), which would otherwise require that combustible pallets be stored outdoors, and permit them to be stored indoors without the limits on size stated in Sentence 3.2.2.4.(2), if pile storage conforms to NFPA 13.

This is to limit the probability that a sprinkler system will not suppress or control a fire involving the stored products, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.
Alberta Fire Code 2006
Application and intent of Division B provisions

A1. Fire safety plans.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

A2. This also applies to fire safety plans for areas where processes and operations involve a risk of explosion, high flammability or related conditions which create a hazard to life safety, inside buildings, as stated in Clause 5.1.5.1.(2)(a).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

I1. To state the application of Section 2.8. and Sentences 3.2.2.5.(2) and 3.2.2.5.(3).
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Fire safety plans. This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods, - Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems, - rubber tires and combustible fibres, - Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5., - dangerous goods, as described in Subsection 3.2.7., - closed containers of distilled beverage alcohols, and - dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

A2. This also applies to fire safety plans for areas where processes and operations involve a risk of explosion, high flammability or related conditions which create a hazard to life safety, inside buildings, as stated in Clause 5.1.5.1.(2)(a).

Exception: except as stated in - Sentence 3.1.1.4.(1), which applies to - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and - facilities operated by manufacturers or distributors (handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)) of Class 2 gases, and - Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

A1. To limit the probability of unsafe storage practices, or accidental mixing or mishandling of products, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.

A2. To limit the probability of unsafe storage practices, or accidental mixing or mishandling of products, which could lead to inappropriate emergency response actions in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.

A3. To limit the probability that the fire load of the products will not be controlled or limited, which could lead to the ineffectiveness of automatic or manual firefighting operations in a fire situation involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to harm to persons, including emergency responders.

A4. To limit the probability that aisle widths will be inadequate, which could lead to firefighting operations being delayed or ineffective, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
Code\text{Text}

2) The fire safety plan shall identify
a) the product classifications, as described in Sentence 3.2.1.1.(1), for each part of the building where products of different classification are stored,
b) the method of storage, including aisle widths for rack storage,
c) the maximum permitted height of storage for the building or part of the building, if different,
d) the maximum permitted size of individual storage areas, and
e) in sprinklered buildings, the sprinkler system design criteria, inside and outside hose allowances, and results of the benchmark sprinkler system main drain and water flow tests.

Application

A1. Fire safety plans.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

A2. This also applies to fire safety plans for areas where processes and operations involve a risk of explosion, high flammability or related conditions which create a hazard to life safety, inside buildings, as stated in Clause 5.1.5.1.(2)(a).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

\text{Intent}

I1. To limit the probability of unsafe storage practices, or accidental mixing or mishandling of products, which could lead to inappropriate emergency response actions in a fire situation, which could lead to the spread of fire, which could lead to damage to the building.

I2. To limit the probability that the fire load of the products will not be controlled or limited, which could lead to the ineffectiveness of automatic or manual firefighting operations in a fire situation involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to damage to the building.

I3. To limit the probability that aisle widths will be inadequate, which could lead to firefighting operations being delayed or ineffective, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Posting of storage method and maximum height of storage as described in Clauses 3.2.2.5.(2)(b) and 3.2.2.5.(2)(c), in storage areas, as part of the fire safety plan.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

A2. This also applies to fire safety plans for areas where processes and operations involve a risk of explosion, high flammability or related conditions which create a hazard to life safety, inside buildings, as stated in Clause 5.1.5.1.(2)(a).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Application

A. Posting of storage method and maximum height of storage as described in Clauses 3.2.2.5.(2)(b) and 3.2.2.5.(2)(c), in storage areas, as part of the fire safety plan.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,

- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

A. This also applies to fire safety plans for areas where processes and operations involve a risk of explosion, high flammability or related conditions which create a hazard to life safety, inside buildings, as stated in Clause 5.1.5.1.(2)(a).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability of unsafe storage practices, or accidental mixing or mishandling of products, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.

I2. To limit the probability of unsafe storage practices, or accidental mixing or mishandling of products, which could lead to inappropriate emergency response actions in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.

I3. To limit the probability that the fire load of the products will not be controlled or limited, which could lead to the ineffectiveness of automatic or manual firefighting operations in a fire situation involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to harm to persons, including emergency responders.

I4. To limit the probability that aisle widths will be inadequate, which could lead to firefighting operations being delayed or ineffective, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Application

A1. Posting of storage method and maximum height of storage as described in Clauses (2)(b) and (c), in storage areas, as part of the fire safety plan.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

A2. This also applies to fire safety plans for areas where processes and operations involve a risk of explosion, high flammability or related conditions which create a hazard to life safety, inside buildings, as stated in Clause 5.1.5.1.(2)(a).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability of unsafe storage practices, or accidental mixing or mishandling of products, which could lead to inappropriate emergency response actions in a fire situation, which could lead to the spread of fire, which could lead to damage to the building.

I2. To limit the probability that the fire load of the products will not be controlled or limited, which could lead to the ineffectiveness of automatic or manual firefighting operations in a fire situation involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to damage to the building.

I3. To limit the probability that aisle widths will be inadequate, which could lead to firefighting operations being delayed or ineffective, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Signs used for posting the storage method and the maximum height of storage as described in Clauses 3.2.2.5.(2)(b) and 3.2.2.5.(2)(c), in storage areas, as part of the fire safety plan. This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres, 
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

A2. This also applies to fire safety plans for areas where processes and operations involve a risk of explosion, high flammability or related conditions which create a hazard to life safety, inside buildings, as stated in Clause 5.1.5.1.(2)(a).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To limit the probability of unsafe storage practices, or accidental mixing or mishandling of products, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.

I2. To limit the probability of unsafe storage practices, or accidental mixing or mishandling of products, which could lead to inappropriate emergency response actions in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.

I3. To limit the probability that the fire load of the products will not be controlled or limited, which could lead to the ineffectiveness of automatic or manual firefighting operations in a fire situation involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to harm to persons, including emergency responders.

I4. To limit the probability that aisle widths will be inadequate, which could lead to firefighting operations being delayed or ineffective, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Signs used for posting the storage method and the maximum height of storage as described in Clauses 3.2.2.5.(2)(b) and 3.2.2.5.(2)(c), in storage areas, as part of the fire safety plan.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

A2. This also applies to fire safety plans for areas where processes and operations involve a risk of explosion, high flammability or related conditions which create a hazard to life safety, inside buildings, as stated in Clause 5.1.5.1.(2)(a).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To limit the probability of unsafe storage practices, or accidental mixing or mishandling of products, which could lead to inappropriate emergency response actions in a fire situation, which could lead to the spread of fire, which could lead to damage to the building.

I2. To limit the probability that the fire load of the products will not be controlled or limited, which could lead to the ineffectiveness of automatic or manual firefighting operations in a fire situation involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to damage to the building.

I3. To limit the probability that aisle widths will be inadequate, which could lead to firefighting operations being delayed or ineffective, which could lead to the spread of fire, which could lead to damage to the building.
5) When the products stored include Group A plastics, rubber products, Level 2 or 3 aerosols, or dangerous goods, a record of their location shall be available in a location that is readily accessible to emergency responders.

Application

A1. Accessibility of records of the location of stored products, when the products stored include Group A plastics, rubber products, Level 2 or 3 aerosols, or dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability of unsafe storage practices, or accidental mixing or mishandling of products, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.

I2. To limit the probability of unsafe storage practices, or accidental mixing or mishandling of products, which could lead to inappropriate emergency response actions in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.

I3. To limit the probability that the fire load of the products will not be controlled or limited, which could lead to the ineffectiveness of automatic or manual firefighting operations in a fire situation involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to harm to persons, including emergency responders.

I4. To limit the probability that aisle widths will be inadequate, which could lead to firefighting operations being delayed or ineffective, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
5) When the products stored include Group A plastics, rubber products, Level 2 or 3 aerosols, or dangerous goods, a record of their location shall be available in a location that is readily accessible to emergency responders.

Exception: except as stated in

- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability of unsafe storage practices, or accidental mixing or mishandling of products, which could lead to inappropriate emergency response actions in a fire situation, which could lead to the spread of fire, which could lead to damage to the building.

I2. To limit the probability that the fire load of the products will not be controlled or limited, which could lead to the ineffectiveness of automatic or manual firefighting operations in a fire situation involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to damage to the building.

I3. To limit the probability that aisle widths will be inadequate, which could lead to firefighting operations being delayed or ineffective, which could lead to the spread of fire, which could lead to damage to the building.
A1. Prohibition of smoking in indoor storage areas.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Subsection 2.4.2., which permits smoking in certain areas if certain conditions are met,
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

I1. To limit the probability that the stored products will be ignited by smoking material, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum height of storage in individual storage areas.

A2. This also applies to the method used to store the products [with respect to ensuring the stability of stored products].

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- Class I, II, III and IV commodities, and Group A, B and C plastics, in conformance with NFPA 13, Installation of Sprinkler Systems,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I. To limit the probability that
- stored products will collapse, which could lead to the unwanted release of the products, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders,
- stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders, and
- stored products will collapse prematurely during firefighting operations, which could lead to the obstruction of aisles, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Buildings or parts of buildings used for the short term or long term indoor storage of the following products that are in solid piles, on pallets, on shelves, or in bin boxes or racks, whether raw or waste materials, goods in process, or finished goods,
- Class I to IV commodities,
- Group A, B or C plastics, and
- closed containers of distilled beverage alcohol.

A2. Requirements in this Subsection for Class III commodities also apply to packaged Level 1 aerosol products, as specified in Sentence 3.2.5.3.(1).

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To state the application of Subsection 3.2.3.
2) When flammable liquids or combustible liquids are stored with products covered by this Subsection, the liquids shall meet the requirements of the applicable provisions of Part 4.

Application
A1. Indoor storage of flammable liquids and combustible liquids in areas covered by Subsection 3.2.3., i.e. areas in buildings or parts of buildings used for the short term or long term indoor storage of the following products in solid piles, on pallets, on shelves or in bin boxes or racks, whether raw or waste materials, goods in process, or finished goods:
- Class I to IV commodities,
- Group A, B or C plastics, and
- closed containers of distilled beverage alcohol.

Intent
Application and intent of Division B provisions

A1. Size and clearances of individual storage areas.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products that are in solid piles, on pallets, on shelves, or in bin boxes or racks, whether raw or waste materials, goods in process, or finished goods,

- Class I to IV commodities,
- Group A, B or C plastics, and
- closed containers of distilled beverage alcohol.

A2. Requirements in this Subsection for Class III commodities also apply to packaged Level 1 aerosol products, as specified in Sentence 3.2.5.3.(1).

Exception:
except as stated in
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Sentence 3.2.3.2.(2), which applies to sprinklered buildings where the height of storage in racks is permitted to exceed the limits shown in Table 3.2.3.2.

Intent
I1. To limit the probability that manual or automatic fire suppression systems will be ineffective in suppressing or controlling a fire involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Size and clearances of individual storage areas.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products that are in solid piles, on pallets, on shelves, or in bin boxes or racks, whether raw or waste materials, goods in process, or finished goods,

- Class I to IV commodities,
- Group A, B or C plastics, and
- closed containers of distilled beverage alcohol.

A2. Requirements in this Subsection for Class III commodities also apply to packaged Level 1 aerosol products, as specified in Sentence 3.2.5.3.(1).

Exception:
except as stated in
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Sentence 3.2.3.2.(2), which applies to sprinklered buildings where the height of storage in racks is permitted to exceed the limits shown in Table 3.2.3.2.

Intent

I1. To limit the probability that manual or automatic fire suppression systems will be ineffective in suppressing or controlling a fire involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to harm to persons.
Application and intent of Division B provisions

A1. Maximum height of individual storage areas.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products that are in solid piles, on pallets, on shelves, or in bin boxes or racks, whether raw or waste materials, goods in process, or finished goods,
- Class I to IV commodities,
- Group A, B or C plastics, and
- closed containers of distilled beverage alcohol.

A2. Requirements in this Subsection for Class III commodities also apply to packaged Level 1 aerosol products, as specified in Sentence 3.2.5.3.(1).

Exception:
except as stated in
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Sentence 3.2.3.2.(2), which applies to sprinklered buildings where the height of storage in racks is permitted to exceed the limits shown in Table 3.2.3.2.

Intent
I1. To limit the probability that stored products will collapse prematurely in a fire situation, which could lead to the spread of fire across required aisles and clear spaces, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum height of individual storage areas.
This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products that are in solid piles, on pallets, on shelves, or in bin boxes or racks, whether raw or waste materials, goods in process, or finished goods,
- Class I to IV commodities,
- Group A, B or C plastics, and
- closed containers of distilled beverage alcohol.

A2. Requirements in this Subsection for Class III commodities also apply to packaged Level 1 aerosol products, as specified in Sentence 3.2.5.3.(1).

Exception:
- except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Sentence 3.2.3.2.(2), which applies to sprinklered buildings where the height of storage in racks is permitted to exceed the limits shown in Table 3.2.3.2.

I1. To limit the probability that stored products will collapse, which could lead to the unwanted release of the products, which could lead to a fire or explosion, which could lead to harm to persons.

I2. To limit the probability that stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.

I3. To limit the probability that stored products will collapse prematurely during firefighting operations, which could lead to the obstruction of aisles, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application - functional statement/objective

CodeReference (including record number) 3.2.3.2.(2)-01
Attribution - functional statement/objective F04,F02-OP1.2

CodeText

2) In a sprinklered building, the height of storage in racks is permitted to exceed the limits shown in Table 3.2.3.2. (See Appendix A.)

Application

A1. Height of individual storage areas.

This applies to sprinklered buildings or parts of sprinklered buildings used for the short term or long term indoor storage of the following products that are in racks, whether raw or waste materials, goods in process, or finished goods,
- Class I to IV commodities,
- Group A, B or C plastics, and
- closed containers of distilled beverage alcohol.

A2. Requirements in this Subsection for Class III commodities also apply to packaged Level 1 aerosol products, as specified in Sentence 3.2.5.3.(1).

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To remove limits to the height of storage of products listed in Table 3.2.3.2. [as stated in Sentence 3.2.3.2.(1)] if certain measures are taken [building is sprinklered and storage is in racks].

This is to limit the probability that
- stored products will collapse prematurely in a fire situation, which could lead to the spread of fire,
- a fire will not be suppressed or controlled, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

3.2.3.2.(2)-02

F20-OS1.1 and F04,F02-OS1.2

CodeText

2) In a sprinklered building, the height of storage in racks is permitted to exceed the limits shown in Table 3.2.3.2. (See Appendix A.)

Application

A1. Height of individual storage areas.

This applies to sprinklered buildings or parts of sprinklered buildings used for the short term or long term indoor storage of the following products that are in racks, whether raw or waste materials, goods in process, or finished goods,
- Class I to IV commodities,
- Group A, B or C plastics, and
- closed containers of distilled beverage alcohol.

A2. Requirements in this Subsection for Class III commodities also apply to packaged Level 1 aerosol products, as specified in Sentence 3.2.5.3.(1).

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To remove limits to the height of storage of products listed in Table 3.2.3.2. [as stated in Sentence 3.2.3.2.(1)] if certain measures are taken [building is sprinklered and storage is in racks].

This is to limit the probability that
- stored products will collapse, which could lead to the unwanted release of the products, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders, and
- a fire will not be suppressed or controlled, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Design and installation of sprinkler systems, where sprinkler systems are required to accommodate individual storage areas referred to in Article 3.2.3.2., the sprinkler system shall be designed and installed in conformance with NFPA 13, "Installation of Sprinkler Systems."

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products that are in solid piles, on pallets, on shelves, or in bin boxes or racks, whether raw or waste materials, goods in process, or finished goods,
- Class I to IV commodities,
- Group A, B or C plastics, and
- closed containers of distilled beverage alcohol.

A2. Requirements in this Subsection for Class III commodities also apply to packaged Level 1 aerosol products, as specified in Sentence 3.2.5.3.(1).

A3. Requirements in this Article for Class IV commodities also apply to the incidental storage of flammable liquids and combustible liquids in areas otherwise covered in Part 3, as specified in Sentence 4.2.8.4.(2).

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Application

A1. Design and installation of sprinkler systems, where sprinkler systems are required to accommodate individual storage areas referred to in Article 3.2.3.2.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products that are in solid piles, on pallets, on shelves, or in bin boxes or racks, whether raw or waste materials, goods in process, or finished goods,
- Class I to IV commodities,
- Group A, B or C plastics, and
- closed containers of distilled beverage alcohol.

A2. Requirements in this Subsection for Class III commodities also apply to packaged Level 1 aerosol products, as specified in Sentence 3.2.5.3.(1).

A3. Requirements in this Article for Class IV commodities also apply to the incidental storage of flammable liquids and combustible liquids in areas otherwise covered in Part 3, as specified in Sentence 4.2.8.4.(2).

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a sprinkler system will not suppress or control a fire involving the stored products, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.
A1. Design and installation of sprinkler systems, where sprinkler systems are required to accommodate individual storage areas referred to in Article 3.2.3.2., this applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products that are in solid piles, on pallets, on shelves, or in bin boxes or racks, whether raw or waste materials, goods in process, or finished goods, - Class I to IV commodities, - Group A, B or C plastics, and - closed containers of distilled beverage alcohol.

A2. Requirements in this Subsection for Class III commodities also apply to packaged Level 1 aerosol products, as specified in Sentence 3.2.5.3.(1).

A3. Requirements in this Article for Class IV commodities also apply to the incidental storage of flammable liquids and combustible liquids in areas otherwise covered in Part 3, as specified in Sentence 4.2.8.4.(2).

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To limit the probability that a sprinkler system will not suppress or control a fire involving the stored products, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Design and installation of sprinkler systems, where sprinkler systems are required to accommodate individual storage areas referred to in Article 3.2.3.2..

This applies to buildings or parts of buildings used for the short term or long term indoor storage of distilled beverage alcohol that is in solid piles, on pallets, on shelves, or in bin boxes or racks, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Application

A1. Design and installation of sprinkler systems, where sprinkler systems are required to accommodate individual storage areas referred to in Article 3.2.3.2..

This applies to buildings or parts of buildings used for the short term or long term indoor storage of distilled beverage alcohol that is in solid piles, on pallets, on shelves, or in bin boxes or racks, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

II. To limit the probability that a sprinkler system will not suppress or control a fire involving the stored products, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Design and installation of sprinkler systems, where sprinkler systems are required to accommodate individual storage areas referred to in Article 3.2.3.2.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of distilled beverage alcohol that is in solid piles, on pallets, on shelves, or in bin boxes or racks, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a sprinkler system will not suppress or control a fire involving the stored products, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.4.1.(1)-01
Attribution - functional statement/objective Not applicable

CodeText
1) This Subsection shall apply to buildings or parts of buildings used for the storage of rubber tires.

Application
A1. Buildings or parts of buildings used for the short term or long term indoor storage of rubber tires, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To state the application of Subsection 3.2.4.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum fire-resistance rating of fire separations that separate tire storage areas from the remainder of the building, where such areas are designed to contain more than 375 m$^3$ of rubber tires.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of rubber tires, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Application

A1. Minimum fire-resistance rating of fire separations that separate tire storage areas from the remainder of the building, where such areas are designed to contain more than 375 m$^3$ of rubber tires.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of rubber tires, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire involving the rubber tire storage area will spread to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.4.2.(1)-02
Attribution - functional statement/objective F03-OS1.2

Application

1) A tire storage area designed to contain more than 375 m³ of rubber tires shall be separated from the remainder of the building by a fire separation having a fire-resistance rating of not less than 2 h. (See Appendix A.)

CodeText

1) A tire storage area designed to contain more than 375 m³ of rubber tires shall be separated from the remainder of the building by a fire separation having a fire-resistance rating of not less than 2 h. (See Appendix A.)

Application

A1. Minimum fire-resistance rating of fire separations that separate tire storage areas from the remainder of the building, where such areas are designed to contain more than 375 m³ of rubber tires.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of rubber tires, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire involving the rubber tire storage area will spread to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

CodeReference (including record number) 3.2.4.3.(1)-01
Attribution - functional statement/objective F02.F81-OP1.2

CodeText

1) Buildings regulated by this Subsection shall be sprinklered in conformance with NFPA 13, "Installation of Sprinkler Systems,” whenever
a) the aggregate of individual storage areas in the building exceeds 500 m²,
b) any individual storage area exceeds 250 m², or
 c) the height of storage is more than 3.6 m, and the total volume of tires in the building is more than 375 m³.

Application

A1. Design and installation of sprinkler systems where:
   - the aggregate of individual storage areas in the building exceeds 500 m²,
   - any individual storage area exceeds 250 m², or
   - the height of storage is more than 3.6 m, and the total volume of tires in the building is more than 375 m³.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of rubber tires, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I.1. To limit the probability that a sprinkler system will not suppress or control a fire involving the rubber tires, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

CodeReference (including record number) 3.2.4.3.(1)-02
Attribution - functional statement/objective F02,F81-OS1.2

CodeText

1) Buildings regulated by this Subsection shall be sprinklered in conformance with NFPA 13, "Installation of Sprinkler Systems," whenever
   a) the aggregate of individual storage areas in the building exceeds 500 m$^2$,
   b) any individual storage area exceeds 250 m$^2$, or
   c) the height of storage is more than 3.6 m, and the total volume of tires in the building is more than 375 m$^3$.

Application

A1. Design and installation of sprinkler systems where:
   - the aggregate of individual storage areas in the building exceeds 500 m$^2$,
   - any individual storage area exceeds 250 m$^2$, or
   - the height of storage is more than 3.6 m, and the total volume of tires in the building is more than 375 m$^3$.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of rubber tires, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a sprinkler system will not suppress or control a fire involving the rubber tires, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of rubber tires, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

1) In addition to the requirements of Part 2, multi-purpose dry chemical portable extinguishers having a rating of 4-A:80-B shall be installed
   a) in every 500 m² of floor area, and
   b) so that the travel distance to any extinguisher does not exceed 25 m.

Application


This applies to buildings or parts of buildings used for the short term or long term indoor storage of rubber tires, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that portable extinguishers will not be appropriate for the type of fire hazard present, which could lead to their being ineffective in suppressing or controlling a fire, which could lead to the spread of fire beyond the point of origin, which could lead to damage to the building.

I2. To limit the probability that portable extinguishers will not be readily accessible, which could lead to delays in carrying out fire suppression operations using the portable extinguishers, which could lead to the spread of fire beyond the point of origin, which could lead to damage to the building.
A1. Selection and installation of portable extinguishers. This applies to buildings or parts of buildings used for the short term or long term indoor storage of rubber tires, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

1) In addition to the requirements of Part 2, multi-purpose dry chemical portable extinguishers having a rating of 4-A:80-B shall be installed
a) in every 500 m² of floor area, and
b) so that the travel distance to any extinguisher does not exceed 25 m.

Application

This applies to buildings or parts of buildings used for the short term or long term indoor storage of rubber tires, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To limit the probability that portable extinguishers will not be appropriate for the type of fire hazard present, which could lead to their being ineffective in suppressing or controlling a fire, which could lead to the spread of fire beyond the point of origin, which could lead to harm to persons.

I2. To limit the probability that portable extinguishers will not be readily accessible, which could lead to delays in carrying out fire suppression operations using the portable extinguishers, which could lead to the spread of fire beyond the point of origin, which could lead to harm to persons.
Application and intent of Division B provisions

CodeReference (including record number) 3.2.5.1.(1)-01
Attribution - functional statement/objective Not applicable

CodeText
1) This Subsection shall apply to the indoor storage of packaged aerosol products as classified in Article 3.2.5.2. (See Appendix A.)

Application
A1. Buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
1. To state the application of Subsection 3.2.5.
A1. Classification of aerosol products, for the purposes of Subsection 3.2.5.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

I1. To establish the terminology used to describe the classification of aerosol products in Subsection 3.2.5. and make it compatible with NFPA 30B.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Protection of packaged Level 1 aerosol products.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Application

1) Packaged Level 1 aerosol products shall be protected as required for Class III commodities, in both palletized and rack storage, in conformance with Article 3.2.3.2.

Intent

I1. To expand the application of the protection requirements for Class III commodities in Article 3.2.3.2. and make them applicable to packaged Level 1 aerosol products.

I2. To exempt packaged Level 1 aerosol products from the application of Subsection 3.2.5.
Application and intent of Division B provisions

A1. Type of dedicated [storage] area and maximum amount [kilograms] of packaged Level 2 and 3 aerosol products. This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire involving the aerosol products will spread beyond its area of origin, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Type of dedicated [storage] area and maximum amount [kilograms] of packaged Level 2 and 3 aerosol products. This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire involving the aerosol products will spread beyond its area of origin, which could lead to harm to persons.
A1. Dedicated areas, sprinkler protection and height of storage for packaged Level 2 and 3 aerosol products.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.
Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 3.2.5.4.(2)-01
Attribution - functional statement/objective F02,F03-OP1.2

CodeText
2) Where storage of packaged aerosol products is mixed, protection shall be provided for the most hazardous classification present.

Application
A1. Level of protection [dedicated area, sprinkler protection, storage height], where storage of packaged aerosol products is mixed.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To limit the probability that the level of protection will not be appropriate for the hazard presented by the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to damage to the building.
Application and intent of Division B provisions

Application

A1. Level of protection [dedicated area, sprinkler protection, storage height], where storage of packaged aerosol products is mixed.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that the level of protection will not be appropriate for the hazard presented by the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to harm to persons.
Application and intent of Division B provisions

A1. Design and installation of sprinkler systems, where sprinkler systems are required to accommodate the storage limits in Sentence 3.2.5.4.(1) for packaged Level 2 and 3 aerosol products.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a sprinkler system will not suppress or control a fire involving the stored products, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

A1. Design and installation of sprinkler systems, where sprinkler systems are required to accommodate the storage limits in Sentence 3.2.5.4.(1) for packaged Level 2 and 3 aerosol products.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

II. To limit the probability that a sprinkler system will not suppress or control a fire involving the stored products, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.5.5.(2)-01
Attribution - functional statement/objective F02,F03-OP1.2

Application

2) Where the sprinkler system required to accommodate the storage limits in Sentence 3.2.5.4.(1) does not conform to Sentence (1), the storage of packaged Level 2 or 3 aerosol products shall conform to Table 3.2.5.4. for unsprinklered buildings.

Exception:

except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a sprinkler system will not suppress or control a fire involving the stored products, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.

I2. To clarify that, if the sprinkler system does not meet certain standards, the storage of products shall conform to the limits for buildings that are not sprinklered as specified in Table 3.2.5.4.
Application and intent of Division B provisions

2) Where the sprinkler system required to accommodate the storage limits in Sentence 3.2.5.4.(1) does not conform to Sentence (1), the storage of packaged Level 2 or 3 aerosol products shall conform to Table 3.2.5.4. for unsprinklered buildings.

Application
A1. Type of dedicated [storage] area and maximum amount [kilograms] of packaged Level 2 or 3 aerosol products, where the sprinkler system required to accommodate the storage limits in Sentence 3.2.5.4.(1) does not conform to Sentence 3.2.5.5.(1).

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To limit the probability that a sprinkler system will not suppress or control a fire involving the stored products, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons.

I2. To clarify that, if the sprinkler system does not meet certain standards, the storage of products shall conform to the limits for buildings that are not sprinklered as specified in Table 3.2.5.4.
Application and intent of Division B provisions

CodeReference (including record number) 3.2.5.6.(1)-01
Attribution - functional statement/objective F20-OP1.2

Application

1) Where a Type A dedicated storage area is required to accommodate the storage limits stated in Sentence 3.2.5.4.(1), it shall be separated from the remainder of the building by chain link fencing or a noncombustible partition that is capable of withstanding the impact of rocketing cans and that extends to the underside of the roof deck or to the ceiling which must also be capable of withstanding the impact of rocketing cans.

Intent

1. To limit the probability that rocketing aerosol cans will not be contained to the dedicated storage area in a fire situation, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building or facility.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Separation of Type A dedicated storage areas from the remainder of the building, where Type A dedicated storage areas are required to accommodate the storage limits stated in Sentence 3.2.5.4.(1).

(1). This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Application

A1. Separation of Type A dedicated storage areas from the remainder of the building, where Type A dedicated storage areas are required to accommodate the storage limits stated in Sentence 3.2.5.4. (1).

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that rocketing aerosol cans will not be contained to the dedicated storage area in a fire situation, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Design of chain link fencing referred to in Sentence 3.2.5.6.(1), which may be installed to separate Type A dedicated storage areas from the remainder of the building, where the Type A dedicated storage area is required to accommodate the storage limits stated in Sentence 3.2.5.4.(1).

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that rocketing aerosol cans will not be contained to the dedicated storage area in a fire situation, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

**CodeReference** (including record number) 3.2.5.7.(1)-01
**Attribution - functional statement/objective** F03,F20-OP1.2

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**Application**

A1. Separation of Type B dedicated storage areas from the remainder of the building, where Type B dedicated storage areas are required to accommodate the storage limits in Sentence 3.2.5.4.(1).

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

**Intent**

I1. To limit the probability that rocketing aerosol cans will not be contained to the dedicated storage area in a fire situation, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.

I2. To limit the probability that a fire involving the stored products will spread to other parts of the building, which could lead to damage to the building.

I3. To limit the probability that a fire outside the storage area will spread to the storage area and involve the stored products, which could lead to an explosion or the further spread of fire, which could lead to damage to the building.

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1) Where a Type B dedicated storage area is required to accommodate the storage limits in Sentence 3.2.5.4.(1), it shall be separated from the remainder of the building by partitions

a) having not less than a 1 h fire-resistance rating,

b) capable of withstanding the impact of rocketing cans, and

c) extending to the underside of the roof or to a ceiling of construction equivalent to the partitions.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.5.7.(1)-02
Attribution - functional statement/objective F03.F20-OS1.2

CodeText

1) Where a Type B dedicated storage area is required to accommodate the storage limits in Sentence 3.2.5.4.(1), it shall be separated from the remainder of the building by partitions:
   a) having not less than a 1 h fire-resistance rating,
   b) capable of withstanding the impact of rocketing cans, and
   c) extending to the underside of the roof or to a ceiling of construction equivalent to the partitions.

Application

A1. Separation of Type B dedicated storage areas from the remainder of the building, where Type B dedicated storage areas are required to accommodate the storage limits in Sentence 3.2.5.4.(1).

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that rocketing aerosol cans will not be contained to the dedicated storage area in a fire situation, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that a fire involving the stored products will spread to other parts of the building, which could lead to harm to persons.

I3. To limit the probability that a fire outside the storage area will spread to the storage area and involve the stored products, which could lead to an explosion or the further spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.5.8.(1)-01
Attribution - functional statement/objective F04-OP1.2

CodeText

1) Except as provided in Sentence (2), the height of storage of packaged Level 2 or 3 aerosols shall be not greater than
   a) 1.75 m where products are in solid piles or on pallets, or
   b) 6.1 m where products are on racks.

Application

A1. Maximum height of storage of packaged Level 2 or 3 aerosols, where the products are
   - in solid piles or on pallets, or
   - on racks.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception:
   except as stated in
   - Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
   - Sentence 3.2.5.8.(2), which applies where:
     - the building is sprinklered in conformance with Article 3.2.5.5., and
     - an enclosure conforming to Articles 3.2.5.6. or 3.2.5.7. is provided.

Intent

I1. To limit the probability that stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to damage to the building.
A1. Maximum height of storage of packaged Level 2 or 3 aerosols, where the products are
- in solid piles or on pallets, or
- on racks.
This applies to buildings or parts of buildings used for the short term or long term indoor storage of
classified aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in
process, or finished goods.
Exception:
except as stated in
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater
  than 13 m, and
- Sentence 3.2.5.8.(2), which applies where
  - the building is sprinklered in conformance with Article 3.2.5.5., and
  - an enclosure conforming to Articles 3.2.5.6. or 3.2.5.7. is provided.

Application
A1. Maximum height of storage of packaged Level 2 or 3 aerosols, where the products are
- in solid piles or on pallets, or
- on racks.

Exception:
except as stated in
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater
  than 13 m, and
- Sentence 3.2.5.8.(2), which applies where
  - the building is sprinklered in conformance with Article 3.2.5.5., and
  - an enclosure conforming to Articles 3.2.5.6. or 3.2.5.7. is provided.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum height of storage of packaged Level 2 or 3 aerosols, where
- the products are in solid piles or on pallets,
- the building is sprinklered in conformance with Article 3.2.5.5., and
- an enclosure conforming to Articles 3.2.5.6. or 3.2.5.7. is provided.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To increase the limits to the height of storage stated in Sentence 3.2.5.8.(1) if certain conditions are met.

This is to limit the probability that
- a fire involving the stored products will spread to other parts of the building, which could lead to damage to the building, and
- rocketing aerosol cans will not be contained to the dedicated storage area in a fire situation, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum height of storage of packaged Level 2 or 3 aerosols, where
- the products are in solid piles or on pallets,
- the building is sprinklered in conformance with Article 3.2.5.5., and
- an enclosure conforming to Articles 3.2.5.6. or 3.2.5.7. is provided.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To increase the limits to the height of storage stated in Sentence 3.2.5.8.(1) if certain conditions are met.

This is to limit the probability that
- a fire involving the stored products will spread to other parts of the building, which could lead to harm to persons, and
- rocketing aerosol cans will not be contained to the dedicated storage area in a fire situation, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum height of storage of packaged Level 2 or 3 aerosols, where
- the products are on racks,
- the building is sprinklered in conformance with Article 3.2.5.5., and
- an enclosure conforming to Articles 3.2.5.6. or 3.2.5.7. is provided.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To increase the limits to the height of storage stated in Sentence 3.2.5.8.(1) if certain conditions are met.

This is to limit the probability that
- a fire involving the stored products will spread to other parts of the building, which could lead to damage to the building,
- rocketing aerosol cans will not be contained to the dedicated storage area in a fire situation, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building, and
- stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum height of storage of packaged Level 2 or 3 aerosols, where
- the products are on racks,
- the building is sprinklered in conformance with Article 3.2.5.5., and
- an enclosure conforming to Articles 3.2.5.6. or 3.2.5.7. is provided.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

I1. To increase the limits to the height of storage stated in Sentence 3.2.5.8.(1) if certain conditions are met.

This is to limit the probability that
- a fire involving the stored products will spread to other parts of the building, which could lead to harm to persons,
- rocketing aerosol cans will not be contained to the dedicated storage area in a fire situation, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders,
- stored products will collapse, which could lead to the unwanted release of the products, which could lead to a fire or explosion, which could lead to harm to persons, and
- stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.5.9.(1)-01
Attribution - functional statement/objective F03-OP1.2

CodeText

1) Aisles separating racks, shelves, or piles of packaged Level 2 or 3 aerosol products shall be not less than 2.4 m wide.

Application

A1. Minimum width of aisles separating racks, shelves, or piles of packaged Level 2 or 3 aerosol products.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire involving the stored products will spread beyond its area of origin, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.5.9.(1)-02
Attribution - functional statement/objective F03-OS1.2 and F06-OS1.5

CodeText

1) Aisles separating racks, shelves, or piles of packaged Level 2 or 3 aerosol products shall be not less than 2.4 m wide.

Application

A1. Minimum width of aisles separating racks, shelves, or piles of packaged Level 2 or 3 aerosol products.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of packaged aerosol products as classified in Article 3.2.5.2., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire involving the stored products will spread beyond its area of origin, which could lead to harm to persons.

I2. To limit the probability of total obstruction of access aisles upon premature collapse of the stored products during firefighting operations, which could lead to negative effects on the safe egress of emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.2.6.1.(1)-01
Attribution - functional statement/objective  Not applicable

CodeText

1) This Subsection shall apply to the storage of combustible fibres inside buildings.

Application


This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

II. To state the application of Subsection 3.2.6.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.6.2.(1)-01
Attribution - functional statement/objective Not applicable

CodeText

1) Buildings used for the storage of baled combustible fibres shall comply with the height and area limitations of the Alberta Building Code 2006 for buildings classified as Group F, Division 2.

Application


This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Intent

I1. To expand the application of the height and area limits [Subsection 3.2.2.] of Division B of the Alberta Building Code 2006 and require the upgrading of existing buildings used for the storage of baled combustible fibres to the standards for new buildings.

I2. To clarify that buildings or parts of buildings used for the short term or long term indoor storage of baled combustible fibres shall be treated as Group F, Division 2 industrial occupancies in the application of height and area limits [Subsection 3.2.2.] of Division B of the Alberta Building Code 2006.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.6.3.(1)-01
Attribution - functional statement/objective F03.F02-OP1.2

CodeText

1) Up to 3 m$^3$ of loose combustible fibres are permitted to be kept in a fire compartment provided they are stored in metal-lined bins equipped with self-closing metal-lined covers.

Application

A1. Maximum quantity [volume] of loose combustible fibres permitted to be kept in fire compartments, where storage is in metal-lined bins equipped with self-closing metal-lined covers.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire involving the stored products will spread beyond its area of origin, which could lead to damage to the building or facility.
Application and intent of Division B provisions

CodeReference (including record number)  3.2.6.3.(1)-02
Attribution - functional statement/objective  F03,F02-OS1.2

Application

1) Up to 3 m³ of loose combustible fibres are permitted to be kept in a fire compartment provided they are stored in metal-lined bins equipped with self-closing metal-lined covers.

Exception:

except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire involving the stored products will spread beyond its area of origin, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum fire-resistance rating of fire separations that separate rooms from the remainder of the building, where such rooms are used for the storage of quantities of loose combustible fibres exceeding 3 m³ but not exceeding 15 m³.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire in the room involving the stored products will spread beyond the room to other parts of the building, which could lead damage to the building.
Application and intent of Division B provisions

2) Quantities of loose combustible fibres exceeding 3 m$^3$ but not exceeding 15 m$^3$ shall be stored in rooms separated from the remainder of the building by a fire separation having a fire-resistance rating of not less than 1 h.

Application

A1. Minimum fire-resistance rating of fire separations that separate rooms from the remainder of the building, where such rooms are used for the storage of quantities of loose combustible fibres exceeding 3 m$^3$ but not exceeding 15 m$^3$.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire in the room involving the stored products will spread beyond the room to other parts of the building, which could lead to harm to persons.
3) Quantities of loose combustible fibres exceeding 15 m$^3$ but not exceeding 30 m$^3$ shall be stored in rooms separated from the remainder of the building by a fire separation having a fire-resistance rating of not less than 2 h.

Application

A1. Minimum fire-resistance rating of fire separations that separate rooms from the remainder of the building, where such rooms are used for the storage of quantities of loose combustible fibres exceeding 15 m$^3$ but not exceeding 30 m$^3$.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire in the room involving the stored products will spread beyond the room to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.6.3.(3)-02
Attribution - functional statement/objective F03.F02-OS1.2

CodeText

3) Quantities of loose combustible fibres exceeding 15 m$^3$ but not exceeding 30 m$^3$ shall be stored in rooms separated from the remainder of the building by a fire separation having a fire-resistance rating of not less than 2 h.

Application

A1. Minimum fire-resistance rating of fire separations that separate rooms from the remainder of the building, where such rooms are used for the storage of quantities of loose combustible fibres exceeding 15 m$^3$ but not exceeding 30 m$^3$.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

1. To limit the probability that a fire in the room involving the stored products will spread beyond the room to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Sprinkler protection of rooms and minimum fire-resistance rating of fire separations separating those rooms from the remainder of the building, where such rooms are used for the storage of quantities of loose combustible fibres exceeding 30 m³.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire in the room involving the stored products will spread outside the room to other parts of the building, which could lead to damage to the building or facility.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Sprinkler protection of rooms and minimum fire-resistance rating of fire separations separating those rooms from the remainder of the building, where such rooms are used for the storage of quantities of loose combustible fibres exceeding 30 m³.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire in the room involving the stored products will spread outside the room to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

5) The individual storage areas for combustible fibres described in Sentence (4) shall not exceed 250 m².

Intent

I1. To limit the probability that a fire in the room involving the stored products will spread outside the room to other parts of the building, which could lead to damage to the building or facility.
Application and intent of Division B provisions


This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire in the room involving the stored products will spread outside the room to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.6.4,(1)-01
Attribution - functional statement/objective F02-OP1.2

Code

1) Except as permitted in Sentences (2), (3) and (4), baled combustible fibres shall be stored so that
   a) no individual storage area exceeds 250 m²;
   b) the height of storage in an individual storage area does not exceed 4.5 m,
   c) subsidiary aisles within individual storage areas are not less than 1 m wide, and
   d) the clearance between piles and building walls is not less than 1 m.

Application


This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
   except as stated in
   - Sentence 3.2.6.4.(2), which applies to high rack storage warehouses with storage heights greater than 13 m;
   - Sentence 3.2.6.4.(2), which applies where baled combustible fibres are stored in sprinklered buildings;
   - Clause 3.2.6.4.(3)(a), which applies where baled raw pulp is stored in buildings that are not sprinklered, and
   - Clause 3.2.6.4.(4)(a), which applies where baled raw pulp is stored in sprinklered buildings.

Intent

I1. To limit the probability that a fire involving the stored products will spread beyond the area of fire origin, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006


This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in
- Sentence 3.2.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
- Sentence 3.2.6.4.(2), which applies where baled combustible fibres are stored in sprinklered buildings,
- Clause 3.2.6.4.(3)(a), which applies where baled raw pulp is stored in buildings that are not sprinklered, and
- Clause 3.2.6.4.(4)(a), which applies where baled raw pulp is stored in sprinklered buildings.

Intent
1. To limit the probability that a fire involving the stored products will spread beyond the area of fire origin, which could lead to harm to persons.
A1. Maximum height of storage in individual storage areas for baled combustible fibres.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, where
  - conditions exist that must be addressed by design and operational details specific to the hazard, and
  - alternative protection is provided in conformance with Part 1 of Division A, [Subsection 1.2.1],
- Clause 3.2.6.4.(3)(b), which applies where baled raw pulp is stored in buildings that are not sprinklered, and
- Clause 3.2.6.4.(4)(b), which applies where baled raw pulp is stored in sprinklered buildings.

I1. To limit the probability that stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum height of storage in individual storage areas for baled combustible fibres.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
- Clause 3.2.6.4.(3)(b), which applies where baled raw pulp is stored in buildings that are not sprinklered, and
- Clause 3.2.6.4.(4)(b), which applies where baled raw pulp is stored in sprinklered buildings.

Intent
I1. To limit the probability that stored products will collapse prematurely during firefighting operations, which could lead to the obstruction of aisles, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders.

I2. To limit the probability that stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Application

A1. Minimum width of subsidiary aisles within individual storage areas for baled combustible fibres.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

CodeText

1. Except as permitted in Sentences (2), (3) and (4), baled combustible fibres shall be stored so that
   a) no individual storage area exceeds 250 m²,
   b) the height of storage in an individual storage area does not exceed 4.5 m,
   c) subsidiary aisles within individual storage areas are not less than 1 m wide, and
   d) the clearance between piles and building walls is not less than 1 m.

Intent

I. To limit the probability that the swelling or expansion of the stored products during firefighting operations will obstruct aisles, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders.
Application and intent of Division B provisions

Application

A1. Minimum clearance between building walls and piles of baled combustible fibres.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that water from firefighting operations will cause the stored products to swell, which could lead to structural failure of the building, which could lead to damage to the building.

I2. To limit the probability that water from firefighting operations will cause the stored products to swell, which could lead to structural failure of the building, which could lead to - delays or ineffectiveness in emergency response operations, or - impairment of automatic fire suppression systems, which could lead to such systems not suppressing or controlling a fire.

This is to limit the probability of the spread of fire, which could lead to damage to the building.

I3. To supersede and increase the minimum clearance of 600 mm required in Sentence 3.2.2.3.(1).
CodeReference (including record number) 3.2.6.4.(1)-07
Attribution - functional statement/objective F21-OS1.3,OS1.2

Application and intent of Division B provisions

A1. Minimum clearance between building walls and piles of baled combustible fibres.
This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To limit the probability that water from firefighting operations will cause the stored products to swell, which could lead to structural failure of the building, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that water from firefighting operations will cause the stored products to swell, which could lead to structural failure of the building, which could lead to
- delays or ineffectiveness in emergency response operations, or
- impairment of automatic fire suppression systems, which could lead to such systems not suppressing or controlling a fire.

This is to limit the probability of the spread of fire, which could lead to harm to persons, including emergency responders.

I3. To supersede and increase the minimum clearance of 600 mm required in Sentence 3.2.2.3.(1).
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum size [area] of individual storage areas for baled combustible fibres, in sprinklered buildings. This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Clause 3.2.6.4.(4)(a), which applies where baled raw pulp is stored in sprinklered buildings.

CodeText

2) Except as permitted in Sentence (4), where baled combustible fibres are stored in sprinklered buildings, the maximum area of any individual storage area shall be 500 m².

Application


This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Clause 3.2.6.4.(4)(a), which applies where baled raw pulp is stored in sprinklered buildings.

Intent

I1. To increase the limit on the size of individual storage areas specified in Clause 3.2.6.4.(1)(a) if certain measures are taken [building is sprinklered]. This is to limit the probability that a fire will not be suppressed or controlled, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.6.4.(2)-02
Attribution - functional statement/objective F02-OS1.2

CodeText

2) Except as permitted in Sentence (4), where baled combustible fibres are stored in sprinklered buildings, the maximum area of any individual storage area shall be 500 m².

Application


This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Clause 3.2.6.4.(4)(a), which applies where baled raw pulp is stored in sprinklered buildings.

Intent

I1. To increase the limit on the size of individual storage areas specified in Clause 3.2.6.4.(1)(a) if certain measures are taken [building is sprinklered].

This is to limit the probability that a fire will not be suppressed or controlled, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

A1. Maximum size [area] of individual storage areas for baled raw pulp, in buildings that are not sprinklered.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To increase the limit on the size of individual storage areas for baled combustible fibres specified in Clause 3.2.6.4.(1)(a) if storage consists of baled raw pulp.

This is to limit the probability that a fire will spread to other parts of the building, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 3.2.6.4.(3)-01

Attribution - functional statement/objective F02-OP1.2

CodeText

3) Where baled raw pulp is stored in an unsprinklered building,

a) the maximum area of any individual storage area shall be 500 m², and

b) the maximum height of storage shall be 6 m.

Application

A1. Maximum size [area] of individual storage areas for baled raw pulp, in buildings that are not sprinklered.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To increase the limit on the size of individual storage areas for baled combustible fibres specified in Clause 3.2.6.4.(1)(a) if storage consists of baled raw pulp.

This is to limit the probability that a fire will spread to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.6.4.(3)-02
Attribution - functional statement/objective F02-OS1.2

CodeText
3) Where baled raw pulp is stored in an unsprinklered building,
a) the maximum area of any individual storage area shall be 500 m², and
b) the maximum height of storage shall be 6 m.

Application
A1. Maximum size [area] of individual storage areas for baled raw pulp, in buildings that are not sprinklered.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To increase the limit on the size of individual storage areas for baled combustible fibres specified in Clause 3.2.6.4.(1)(a) if the storage consists of baled raw pulp.

This is to limit the probability that a fire will spread to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.6.4.(3)-03
Attribution - functional statement/objective F04-OP1.2

CodeText

3) Where baled raw pulp is stored in an unsprinklered building, 
a) the maximum area of any individual storage area shall be 500 m$^2$, and 
b) the maximum height of storage shall be 6 m.

Application

A1. Maximum height of storage of baled raw pulp, in buildings that are not sprinklered.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To increase the limit on the height of storage of baled combustible fibres specified in Clause 3.2.6.4.(1)(b) if storage consists of baled raw pulp.

This is to limit the probability that stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

CodeReference  (including record number)  3.2.6.4.(3)-04
Attribution - functional statement/objective  F04-OS1.5,OS1.2

CodeText
3) Where baled raw pulp is stored in an unsprinklered building,
a) the maximum area of any individual storage area shall be 500 m², and
b) the maximum height of storage shall be 6 m.

Application
A1. Maximum height of storage of baled raw pulp, in buildings that are not sprinklered.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To increase the limit on the height of storage for baled combustible fibres specified in Clause 3.2.6.4.(1)(b) if the storage consists of baled raw pulp.

This is to limit the probability that:
- stored products will collapse prematurely during firefighting operations, which could lead to the obstruction of aisles, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders, and
- stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006


This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Application


This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To increase the limit on the size of individual storage areas for baled combustible fibres specified in Clause 3.2.6.4.(1)(a) if storage consists of baled raw pulp.

This is to limit the probability that a fire will spread to other parts of the building, which could lead to damage to the building.
A1. Maximum area of individual storage areas for baled raw pulp, in sprinklered buildings.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

I1. To increase the limit on the size of individual storage areas for baled combustible fibres specified in Clause 3.2.6.4.(1)(a) if storage consists of baled raw pulp.

This is to limit the probability that a fire will spread to other parts of the building, which could lead to harm to persons.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

4) Where baled raw pulp is stored in a sprinklered building,
   a) the maximum area of any individual storage area shall be 1 000 m$^2$, and
   b) the maximum height of storage shall be 6 m.

I1. To increase the limit on the height of storage of baled combustible fibres specified in Clause 3.2.6.4.(1)(b) if storage consists of baled raw pulp.

This is to limit the probability that stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.6.4.(4)-04
Attribution - functional statement/objective F04-OS1.5,OS1.2

CodeText

4) Where baled raw pulp is stored in a sprinklered building,
   a) the maximum area of any individual storage area shall be 1 000 m², and
   b) the maximum height of storage shall be 6 m.

Application


This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To increase the limit on the height of storage of baled combustible fibres specified in Clause 3.2.6.4.(1)(b) if storage consists of baled raw pulp.

This is to limit the probability that
- stored products will collapse prematurely during firefighting operations, which could lead to the obstruction of aisles, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders, and
- stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

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<tbody>
<tr>
<td>Attribution - functional statement/objective</td>
<td>3.2.6.4.(5)-01</td>
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**CodeText**

5) The sides of baled storage piles shall be inclined back from the base of the pile with a slope of not less than 1 m for each 10 m of height.

**Application**


This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:

except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

**Intent**

I1. To limit the probability that stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

F04-OS1.5,OS1.2

CodeText

5) The sides of baled storage piles shall be inclined back from the base of the pile with a slope of not less than 1 m for each 10 m of height.

Application


This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that stored products will collapse prematurely during firefighting operations, which could lead to the obstruction of aisles, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders.

I2. To limit the probability that stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.6.5.(1)-01
Attribution - functional statement/objective F01-OS1.1

CodeText

1) Unless the use of fuel-fired appliances and electrical heating elements is controlled in a manner such that they will not create a fire or explosion hazard, they shall not be permitted in a storage area for combustible fibres.

Application

A1. Prohibition of fuel-fired appliances and electrical heating elements that will create a fire or explosion hazard in storage areas for combustible fibres.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception: except
- as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- if measures are taken to prevent fuel-fired appliances and electrical heating elements from creating a fire or explosion hazard.

Intent

II. To limit the probability that stored products will be ignited by appliances or heating equipment, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Shields used to prevent stored material from coming within 300 mm of any part of a heating system's heat distribution network.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of combustible fibres, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

I1. To limit the probability that stored products will be ignited by appliances or heating equipment, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.1.(1)-01
Attribution - functional statement/objective Not applicable

CodeText

1) Except as provided in Part 4 or otherwise specified in this Code, this Subsection shall apply to buildings or parts of buildings where dangerous goods in packages or containers are stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Application

A1. Buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
- Subsection 3.2.5., which applies to the indoor storage of aerosol products,
- Subsection 3.2.8., which applies to the indoor storage of compressed gases,
- Subsection 3.2.9., which applies to the indoor storage of ammonium nitrate,
- Subsection 3.2.10., which applies to the indoor storage of fireworks,
- Part 4, which applies to flammable liquids and combustible liquids.

Intent

II. To state the application of Subsection 3.2.7.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods, and when such dangerous goods are also covered in
- Subsection 3.2.5., which applies to the indoor storage of aerosol products,
- Subsection 3.2.8., which applies to the indoor storage of compressed gases,
- Subsection 3.2.9., which applies to the indoor storage of ammonium nitrate,
- Subsection 3.2.10., which applies to the indoor storage of fireworks,
- Part 4, which applies to flammable liquids and combustible liquids.

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors (handling or storing more than 1500 kg, as stated in Appendix note A-3.1.1.4.)(a)) of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To clarify that in cases where the provisions of Subsection 3.2.7. [regarding the storage of dangerous goods] are in conflict with Part 4 or other provisions of the Alberta Fire Code 2006 (i.e. Subsections 3.2.5., 3.2.8., 3.2.9., and 3.2.10.), Part 4 and the other provisions of the Alberta Fire Code 2006 take precedence.
Application and intent of Division B provisions

**Application**

A1. Determination of quantities of dangerous goods referred to in Sentence 3.2.7.1.(1), when a product has a primary and a subsidiary classification.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

**Intent**

I1. To clarify the classification of dangerous goods and how they are covered in the Alberta Fire Code 2006.
Application and intent of Division B provisions

 Alberta Fire Code 2006

A1. Prohibition of heating appliances in fire compartments used for the storage of Class 2.1, 3, 4 or 5 dangerous goods unless they are installed in a manner that will not create a fire or explosion hazard.

Exception:
- where heating appliances are installed in a manner that will not create a fire or explosion hazard, and
- as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
I1. To limit the probability that dangerous goods will be ignited by heating appliances, which could lead to a fire or explosion, which could lead to harm to persons.
A1. Prohibition of smoking within a fire compartment used for the storage of dangerous goods. This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
I1. To limit the probability that smoking material will ignite the dangerous goods, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Posting of signs prohibiting smoking within a fire compartment used for the storage of dangerous goods and signs shall be posted in conformance with Article 2.4.2.2.

Application

2) Smoking shall not be permitted within a fire compartment used for the storage of dangerous goods and signs shall be posted in conformance with Article 2.4.2.2.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I. To state the application of Article 2.4.2.2. regarding signs.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Prohibition of open flames and spark-producing devices in areas where dangerous goods are stored.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors (handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)) of Class 2 gases,
- Subsection 3.1.3., which applies to industrial trucks,
- Sentence 3.2.7.2.(1), which applies to heating appliances,
- Sentence 4.1.5.2.(1), which applies to flammable liquids and combustible liquids, and
- Section 5.2., which applies to hot works.

Intent
I1. To limit the probability that dangerous goods will be ignited by open flames or spark-producing devices, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.3.(1)-01
Attribution - functional statement/objective F51,F52-OS1.1

CodeText

1) Rooms or parts of buildings used for the storage of dangerous goods
   a) shall be dry and cool, and
   b) where the products being stored are capable of releasing flammable vapours or toxic gases under normal ambient conditions, shall be provided with a ventilation system to exhaust such vapours or gases outdoors to an area where they will not return to the building (see Appendix A).

Application

A1. Ambient conditions in rooms or parts of buildings used for the storage of dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
   except as stated in
   - Sentence 3.1.1.4.(1), which applies to
     - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
     - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
   - Sentence 4.1.2.2.(1), which applies to the heating of flammable liquids and combustible liquids.

Intent

I1. To limit the probability that the product’s packaging will fail under moist or high-temperature conditions, which could lead to the unwanted escape of the product, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that the stored products will become thermally unstable, which could lead to product degradation, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.

I3. To limit the probability that Class 4 products will adversely react with moisture, which could lead to the unwanted release of the product, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.3.(1)-02
Attribution - functional statement/objective F51,F52-OS3.4

CodeText

1) Rooms or parts of buildings used for the storage of dangerous goods
   a) shall be dry and cool, and
   b) where the products being stored are capable of releasing flammable vapours or toxic gases under normal ambient conditions, shall be provided with a ventilation system to exhaust such vapours or gases outdoors to an area where they will not return to the building (see Appendix A).

Application

A1. Ambient conditions in rooms or parts of buildings used for the storage of dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in
   - Sentence 3.1.1.4.(1), which applies to
     - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
     - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
   - Sentence 4.1.2.2.(1), which applies to the heating of flammable liquids and combustible liquids.

Intent

I1. To limit the probability that the product’s packaging will fail under moist or high-temperature conditions, which could lead to the unwanted escape of the product, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference: 3.2.7.3.(1)-03
Attribution - functional statement/objective: F01-OS1.1

CodeText

1) Rooms or parts of buildings used for the storage of dangerous goods
   a) shall be dry and cool, and
   b) where the products being stored are capable of releasing flammable vapours or toxic gases under normal ambient conditions, shall be provided with a ventilation system to exhaust such vapours or gases outdoors to an area where they will not return to the building (see Appendix A).

Application

A1. Exhaust ventilation systems in rooms or parts of buildings used for the storage of dangerous goods where the products being stored are capable of releasing flammable vapours or toxic gases under normal ambient conditions.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
   except as stated in
   - Sentence 3.1.1.4.(1), which applies to
     - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
     - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
   - Clause 3.2.8.2.(1)(e), which applies to storage rooms for flammable gases,
   - Clause 3.2.8.3.(1)(d), which applies to storage rooms for poisonous, corrosive or oxidizing gases,
   - Sentence 3.2.9.2.(4), which applies to the storage of ammonium nitrate,
   - Sentence 4.1.2.2.(1), which applies to the heating of flammable liquids and combustible liquids, and
   - Subsection 4.1.7., which applies to flammable liquids and combustible liquids.

Intent

I1. To limit the probability that vapours or gases will accumulate in sufficient quantity to form an ignitable mixture, which could lead to their ignition from a nearby ignition source, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Application

A1. Exhaust ventilation systems in rooms or parts of buildings used for the storage of dangerous goods where the products being stored are capable of releasing flammable vapours or toxic gases under normal ambient conditions, shall be provided with a ventilation system to exhaust such vapours or gases outdoors to an area where they will not return to the building (see Appendix A).

Exception:
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Clause 3.2.8.2.(1)(e), which applies to storage rooms for flammable gases,
- Clause 3.2.8.2.(1)(d), which applies to storage rooms for poisonous, corrosive or oxidizing gases,
- Sentence 4.1.2.2.(1), which applies to the heating of flammable liquids and combustible liquids, and
- Subsection 4.1.7., which applies to flammable liquids and combustible liquids.

Intent

I1. To limit the probability that toxic gases will accumulate in sufficient quantity to create a health hazard, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.4.(1)-01
Attribution - functional statement/objective F81,F01-OS1.1

CodeText

1) Areas where dangerous goods are stored shall be kept free of waste packaging materials, debris of any kind, or any spilled product.

Application

A1. Accumulation of waste packaging materials, debris of any kind, or any spilled product in areas where dangerous goods are stored.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that the accumulation of waste packaging materials, debris or spilled products will lead to an adverse reaction with the dangerous goods, which could lead to the unwanted release of the product, which could lead to a fire or explosion, which could lead to harm to persons.

I2. To limit the probability that the accumulation of waste packaging materials, debris or spilled products will be a source of ignition or will contribute to the spread of fire, which could lead to a fire or explosion involving the dangerous goods, which could lead to harm to persons.
A1. Moving to a safe location, repackaging and labelling of broken packages or containers of dangerous goods shall be moved to a safe location and the product repackaged and labelled as soon as possible.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
11. To limit the probability that damaged containers or packages will lead to the unwanted release of dangerous goods, which could lead to harm to the public.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Moving to a safe location, repackaging and labelling of broken packages or containers of dangerous goods

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Application

A1. Moving to a safe location, repackaging and labelling of broken packages or containers of dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that damaged containers or packages will lead to the unwanted release of dangerous goods, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that mislabelled repackaged dangerous goods will come into contact with incompatible products, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Moving to a safe location, repackaging and labelling of broken packages or containers of dangerous goods

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors (handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)) of Class 2 gases.

Application

F43,F81-OS3.4

A1. Moving to a safe location, repackaging and labelling of broken packages or containers of dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors (handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)) of Class 2 gases.

Intent

II. To limit the probability that damaged containers or packages will lead to the unwanted release of dangerous goods, which could lead to harm to persons, including emergency responders.

II. To limit the probability that mislabelled repackaged dangerous goods will come into contact with incompatible products, which could lead to the unwanted release of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.5.(1)-01
Attribution - functional statement/objective  F02-OP1.2

Code

1) The method of storage of dangerous goods shall
   a) be determined to ensure the physical and chemical stability of the stored products,
   b) except as provided in Sentences (2) and (5), not exceed the maximum heights of storage shown in Table 3.2.7.5., and
   c) not exceed the maximum base areas for individual storage areas shown in Table 3.2.3.2.

Application


This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
   - except as stated in
     - Sentence 3.1.1.4.(1), which applies to
       - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
       - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases,
     - Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
     - Articles 3.2.5.3. and 3.2.5.8., which apply to the indoor storage of aerosol products,
     - Sentence 3.2.7.5.(2), which applies to dangerous goods stored on racks or shelves in protected areas,
     - Article 4.2.5.1., which applies to the storage of flammable liquids and combustible liquids in mercantile occupancies,
     - Articles 4.2.7.5. and 4.2.8.2., which apply to the storage of flammable liquids and combustible liquids in industrial occupancies,
     - Article 4.2.8.4., which applies to the storage of flammable liquids and combustible liquids in general storage areas, and
     - Article 4.2.9.1., which applies to the storage of flammable liquids and combustible liquids in storage rooms.

Intent

11. To limit the probability that manual or automatic fire suppression systems will be ineffective in suppressing or controlling a fire involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to damage to the building or facility.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum base area of storage of dangerous goods

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.5., whether raw or waste materials, goods in process, or finished goods.

Exception:
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases.
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
- Articles 3.2.5.3. and 3.2.5.8., which apply to the indoor storage of aerosol products,
- Sentence 3.2.7.5.(2), which applies to dangerous goods stored on racks or shelves in protected areas,
- Article 4.2.5.1., which applies to the storage of flammable liquids and combustible liquids in mercantile occupancies,
- Articles 4.2.7.5. and 4.2.8.2., which apply to the storage of flammable liquids and combustible liquids in industrial occupancies,
- Article 4.2.8.4., which applies to the storage of flammable liquids and combustible liquids in general storage areas, and
- Article 4.2.9.1., which applies to the storage of flammable liquids and combustible liquids in storage rooms.

Intent

I1. To limit the probability that manual or automatic fire suppression systems will be ineffective in suppressing or controlling a fire involving the stored products, which could lead to the spread of fire beyond its area of origin, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

1) The method of storage of dangerous goods shall
   a) be determined to ensure the physical and chemical stability of the stored products,
   b) except as provided in Sentences (2) and (5), not exceed the maximum heights of storage shown
      in Table 3.2.7.5., and
   c) not exceed the maximum base areas for individual storage areas shown in Table 3.2.3.2.

Application

A1. Method of storage of dangerous goods [with respect to ensuring the physical and chemical
    stability of stored products].

This applies to buildings or parts of buildings used for the short term or long term storage of
dangerous goods in packages or containers when stored in single fire compartments in quantities
greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or
finished goods.

Exception:
   except as stated in
   - Sentence 3.1.1.4.(1), which applies to
     the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
   - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as
     stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
   - Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater
     than 13 m, and
   - Clause 3.2.7.5.(1)(b), which applies to storage height.

Intent

I1. To limit the probability that stored products will collapse, which could lead to the unwanted
release of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

**CodeReference** (including record number) 3.2.7.5.(1)-04
**Attribution - functional statement/objective** F20-OS1.1,OS1.2 and F04-OS1.2,OS1.5

**CodeText**

1) The method of storage of dangerous goods shall
   a) be determined to ensure the physical and chemical stability of the stored products,
   b) except as provided in Sentences (2) and (5), not exceed the maximum heights of storage shown in Table 3.2.7.5., and
   c) not exceed the maximum base areas for individual storage areas shown in Table 3.2.3.2.

**Application**

A1. Method of storage of dangerous goods [with respect to ensuring the physical and chemical stability of stored products].

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
   except as stated in
   - Sentence 3.1.1.4.(1), which applies to
   - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
   - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
   - Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
   - Clause 3.2.7.5.(1)(b), which applies to storage height.

**Intent**

I1. To limit the probability that
   - stored products will collapse, which could lead to the unwanted release of the products, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders,
   - stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders, and
   - stored products will collapse prematurely during firefighting operations, which could lead to the obstruction of aisles, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders,
Application and intent of Division B provisions

Application and intent of Division B provisions

A1. Maximum height of storage of dangerous goods

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.5., whether raw or waste materials, goods in process, or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
- Articles 3.2.5.3. and 3.2.5.8., which apply to the indoor storage of aerosol products,
- Sentence 3.2.7.5.(2), which applies to dangerous goods stored on racks or shelves in protected areas,
- Article 4.2.5.1., which applies to the storage of flammable liquids and combustible liquids in mercantile occupancies,
- Articles 4.2.7.5. Article 4.2.8.2., which apply to the storage of flammable liquids and combustible liquids in industrial occupancies,
- Article 4.2.8.4., which applies to flammable liquids and combustible liquids in general storage areas, and
- Article 4.2.9.1., which applies to the storage of flammable liquids and combustible liquids in storage rooms.

Intent

I1. To limit the probability that stored products will collapse, which could lead to the unwanted release of dangerous goods, which could lead to harm to persons, including emergency responders.
1) The method of storage of dangerous goods shall
   a) be determined to ensure the physical and chemical stability of the stored products,
   b) except as provided in Sentences (2) and (5), not exceed the maximum heights of storage shown
      in Table 3.2.7.5., and
   c) not exceed the maximum base areas for individual storage areas shown in Table 3.2.3.2.

Application


This applies to buildings or parts of buildings used for the short term or long term storage of
dangerous goods in packages or containers when stored in single fire compartments in quantities
greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or
finished goods.

Exception:
      except as stated in
      - Sentence 3.1.1.4.(1), which applies to
      - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
      - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as
        stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
      - Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater
        than 13 m,
      - Articles 3.2.5.3. and 3.2.5.8., which apply to the indoor storage of aerosol products,
      - Sentence 3.2.7.5.(2), which applies to dangerous goods stored on racks or shelves in protected
        areas,
      - Article 4.2.5.1., which applies to the storage of flammable liquids and combustible liquids in
        mercantile occupancies,
      - Articles 4.2.7.5. and 4.2.8.2., which apply to the storage of flammable liquids and combustible
        liquids in industrial occupancies,
      - Article 4.2.8.4., which applies to flammable liquids and combustible liquids in general storage
        areas, and
      - Article 4.2.9.1., which applies to the storage of flammable liquids and combustible liquids in
        storage rooms.

Intent

I. To limit the probability that
      - stored products will collapse, which could lead to the unwanted release of the products, which
        could lead to a fire or explosion, which could lead to harm to persons, including emergency
        responders,
      - stored products will collapse prematurely in a fire situation, which could lead to the spread of fire,
        which could lead to harm to persons, including emergency responders, and
      - stored products will collapse prematurely during firefighting operations, which could lead to the
        obstruction of aisles, which could lead to delays in the egress of emergency responders, which
        could lead to harm to emergency responders.
A1. Height of storage of dangerous goods stored on racks or shelves in protected storage areas.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
- Articles 3.2.5.8. and 3.2.7.1., which apply to the indoor storage of aerosol products,
- Article 4.2.5.1., which applies to the storage of flammable liquids and combustible liquids in mercantile occupancies,
- Articles 4.2.7.5. and 4.2.8.2., which apply to the storage of flammable liquids and combustible liquids in industrial occupancies,
- Article 4.2.8.4., which applies to flammable liquids and combustible liquids in general storage areas, and
- Article 4.2.9.1., which applies to the storage of flammable liquids and combustible liquids in storage rooms.

I1. To supersede the requirements of Clause 3.2.7.5.(1)(b) and Table 3.2.7.1., which would otherwise limit storage height, if the dangerous goods are stored on racks or shelves in a protected area.

This is to limit the probability that:
- stored products will collapse, which could lead to the unwanted release of the products, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders,
- stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders,
- stored products will collapse prematurely during firefighting operations, which could lead to the obstruction of aisles, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders, and
- a fire involving the stored products will spread to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Design and installation of sprinkler and special fire suppression systems for storage areas for dangerous goods, where such storage areas are required by Article 3.2.7.5. to be protected.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.5. whether raw or waste materials, goods in process, or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
- Articles 3.2.5.3. and 3.2.5.5., which apply to the indoor storage of aerosol products,
- Article 4.2.5.1., which applies to the storage of flammable liquids and combustible liquids in mercantile occupancies, and
- Article 4.2.7.6., which applies to the storage of flammable liquids and combustible liquids in industrial occupancies.

3) When a storage area is required by this Article to be protected, it shall be sprinklered or protected with a special fire suppression system, in conformance with Part 2 and good engineering practice with respect to specific dangerous goods. (See A-3.2.7.9.(1) in Appendix A.)

Application

A1. Design and installation of sprinkler and special fire suppression systems for storage areas for dangerous goods, where such storage areas are required by Article 3.2.7.5. to be protected.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.5. whether raw or waste materials, goods in process, or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
- Articles 3.2.5.3. and 3.2.5.5., which apply to the indoor storage of aerosol products,
- Article 4.2.5.1., which applies to the storage of flammable liquids and combustible liquids in mercantile occupancies, and
- Article 4.2.7.6., which applies to the storage of flammable liquids and combustible liquids in industrial occupancies.

Intent

I1. To limit the probability that a fire will not be suppressed or controlled, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.

I2. To direct Alberta Fire Code 2006 users to Articles 2.1.3.5 and 2.1.3.6., and to caution that the extinguishing agent and method shall be determined based on the hazardous properties of the specific dangerous goods to be protected.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.5.(3)-02
Attribution - functional statement/objective F02-OS1.2

CodeText

3) When a storage area is required by this Article to be protected, it shall be sprinklered or protected with a special fire suppression system, in conformance with Part 2 and good engineering practice with respect to specific dangerous goods. (See A-3.2.7.9.(1) in Appendix A.)

Application

A1. Design and installation of sprinkler and special fire suppression systems for storage areas for dangerous goods, where such storage areas are required by Article 3.2.7.5. to be protected.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.5., whether raw or waste materials, goods in process, or finished goods.

Exception:

- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
- Articles 3.2.5.3. and 3.2.5.5., which apply to the indoor storage of aerosol products,
- Article 4.2.5.1., which applies to the storage of flammable liquids and combustible liquids in mercantile occupancies, and
- Article 4.2.7.6., which applies to the storage of flammable liquids and combustible liquids in industrial occupancies.

Intent

I1. To limit the probability that a fire will not be suppressed or controlled, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons.

I2. To direct Alberta Fire Code 2006 users to Articles 2.1.3.5 and 2.1.3.6., and to caution that the extinguishing agent and method shall be determined based on the hazardous properties of the specific dangerous goods to be protected.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum distance of stored dangerous goods above floor levels.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
except
- Class 2 gases,
- as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

CodeText

4) Except for Class 2 gases, stored dangerous goods shall be kept not less than 100 mm above the floor level.

Application

F81,F01,F12-OS1.1

Attribution - functional statement/objective

3.2.7.5.(4)-01

CodeReference (including record number)

4) Except for Class 2 gases, stored dangerous goods shall be kept not less than 100 mm above the floor level.

Application

A1. Minimum distance of stored dangerous goods above floor levels.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
except
- Class 2 gases,
- as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that dangerous goods containers or packaging will sustain water damage in the event of accidental water leakage and accumulation on the floor, which could lead to pile instability or failure of the containers or packages, which could lead to the unwanted release of dangerous goods, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that escaped dangerous goods will come into contact with containers or packaging materials or with other dangerous goods, and adversely react with them, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.

I3. To limit the probability that spill control operations will be delayed, which could lead to the spread of dangerous goods, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Application

A1. Minimum distance of stored dangerous goods above floor levels.

Exception:

- Class 2 gases, as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that dangerous goods containers or packaging will sustain water damage in the event of accidental water leakage and accumulation on the floor, which could lead to pile instability or failure of the containers or packages, which could lead to the unwanted release of dangerous goods, which could lead to harm to the public.

I2. To limit the probability that spill control operations will be delayed, which could lead to the spread of dangerous goods, which could lead to harm to the public.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Minimum distance of stored dangerous goods above floor levels.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:

- Class 2 gases,
- as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that dangerous goods containers or packaging will sustain water damage in the event of accidental water leakage and accumulation on the floor, which could lead to pile instability or failure of the containers or packages, which could lead to the unwanted release of dangerous goods, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that escaped dangerous goods will come into contact with containers or packaging materials or with other dangerous goods, and adversely react with them, which could lead to harm to persons, including emergency responders.

I3. To limit the probability that spill control operations will be delayed, which could lead to the spread of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number)  3.2.7.5.(5)-01
Attribution - functional statement/objective  Not applicable

CodeText

5) Flammable liquids and combustible liquids shall be stored in conformance with Part 4.

Application


This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:

- except as stated in Sentence 4.1.1.1.(2), which applies to unique hazards in process plants,
- Sentence 4.1.1.1.(3), which applies to the transportation of flammable liquids or combustible liquids under the "Transportation of Dangerous Goods Regulations",
- appliances and their ancillary equipment within the scope of CAN/CSA-B139,
- the storage of flammable liquids or combustible liquids on farms for individual farm use and on isolated construction projects,
- the storage of aerosol products covered under Subsection 3.2.5.,
- liquefied petroleum gas-burning appliances and equipment within the scope of the gas regulations made pursuant to the Safety Codes Act,
- the production, storage or handling of liquefied natural gas within the scope of the gas regulations made pursuant to the Safety Codes Act,
- liquid halogenated hydrocarbons and mixtures containing hydrocarbons that do not have flash points but that may be flammable under certain conditions, and
- the storage and handling of raw production flammable liquids or combustible liquids and the incidental storage and handling of hydrocarbon-based chemicals resulting from or used during crude oil or natural gas exploration, production or transmission as mandated under the scope of EUB Guide 55.

Intent

I1. To clarify the application of Part 4 that, in cases of conflict, supersedes the conditions established in Sentence 3.2.7.5.(1).
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.2.7.5.(6)-01
Attribution - functional statement/objective  FO3-OP1.2

CodeText

6) Solid and liquid Class 5 oxidizing substances shall be separated from the remainder of the building by a fire separation having a fire-resistance rating of not less than 2 h.

Application

A1. Minimum fire-resistance rating of fire separations that separate solid and liquid Class 5 oxidizing substances from the remainder of the building.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Intent

I1. To limit the probability that a fire in the oxidizer storage area will spread to other parts of the building, which could lead to damage to the building.

I2. To limit the probability that a fire outside of the oxidizer storage area will spread to the oxidizer storage area, which could lead to an explosion or the further spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Application

A1. Minimum fire-resistance rating of fire separations that separate solid and liquid Class 5 oxidizing substances from the remainder of the building.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Intent

I1. To limit the probability that a fire in the oxidizer storage area will spread to other parts of the building, which could lead to harm to persons.
A1. Minimum fire-resistance rating of fire separations that separate reactive substances from the remainder of the building.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1,500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

I1. To limit the probability that a fire in the reactive substance storage area will spread to other parts of the building, which could lead to damage to the building.

I2. To limit the probability that a fire outside of the reactive substance storage area will spread to the reactive substance storage area, which could lead to an explosion or the further spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

A1. Minimum fire-resistance rating of fire separations that separate reactive substances from the remainder of the building.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
I1. To limit the probability that a fire in the reactive substance storage area will spread to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.5.(8)-01
Attribution - functional statement/objective F01-OP1.2

Application

A1. Opening and dispensing of packages and containers of Class 5.2 organic peroxides in the same area where they are stored.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Intent

I1. To limit the probability that dispensing or opening of Class 5.2 organic peroxides will lead to a fire or explosion involving the stored products, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

CodeReference (including record number) 3.2.7.5.(8)-02
Attribution - functional statement/objective F01-OS1.2

CodeText
8) Packages or containers of Class 5.2 organic peroxides shall not be opened, or the product dispensed, in the same area where it is stored.

Application
A1. Opening and dispensing of packages and containers of Class 5.2 organic peroxides in the same area where they are stored.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Intent
I1. To limit the probability that dispensing or opening of Class 5.2 organic peroxides will lead to a fire or explosion involving the stored products, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.5.(9)-01
Attribution - functional statement/objective F81,F82-OS3.4

CodeText

9) Except where the width of storage of dangerous goods is not more than 1.5 m, measured out from the wall, wall clearances of not less than 400 mm shall be maintained.

Application

A1. Minimum wall clearances, where the quantity of dangerous goods stored in buildings exceeds the quantities shown in Table 3.2.7.1.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.2.7.5.(9), which applies where the width of storage is not more than 1.5 m, measured out from the wall,
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that protrusions of the wall surface will damage or puncture containers of dangerous goods, which could lead to the unwanted release of products, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that unsafe storage conditions or leaking containers will go unnoticed, which could lead to the unwanted release of products, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Application
A1. Minimum wall clearances, where the quantity of dangerous goods stored in buildings exceeds the quantities shown in Table 3.2.7.1.

This applies to buildings or parts of buildings used for the short term or long term indoor storage of the following products, whether raw or waste materials, goods in process, or finished goods,
- rubber tires and combustible fibres,
- Level 1, 2 and 3 aerosols, as described in Subsection 3.2.5.,
- dangerous goods, as described in Subsection 3.2.7.,
- closed containers of distilled beverage alcohols, and
- dangerous goods in packages or containers stored in a single fire compartment in quantities greater than those shown in Table 3.2.7.1.

Exception:
except as stated in
- Sentence 3.2.7.5.(9), which applies where the width of storage is not more than 1.5 m, measured out from the wall,
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To limit the probability that protrusions of the wall surface will damage or puncture containers of dangerous goods, which could lead to the unwanted release of products, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
I2. To limit the probability that unsafe storage conditions or leaking containers will go unnoticed, which could lead to the unwanted release of products, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
I3. To limit the probability that building occupants or emergency responders will be trapped in a dead-end aisle in a fire situation, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application - functional statement/objective

F01-OS1.1

1) Except as required in Sentences (2) and (3), Clause 3.2.8.2.(1)(g) and Sentence 3.2.8.3.(2), dangerous goods shall be separated from other dangerous goods in conformance with Table 3.2.7.6. (See Appendix A.)

Application

A1. Separation of dangerous goods from other dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to outdoor storage areas, as stated in Sentence 3.3.4.3.(1).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Clause 3.2.8.2.(1)(g) and Sentence 3.2.8.3.(2), which apply to dedicated rooms for Class 2 gases.

Intent

II. To limit the probability of mixing of, or contact between, incompatible dangerous goods, which could lead to an adverse reaction between the dangerous goods, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Separation of dangerous goods from other dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to outdoor storage areas, as stated in Sentence 3.3.4.3.(1).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Clause 3.2.8.2.(1)(g) and Sentence 3.2.8.3.(2), which apply to dedicated rooms for Class 2 gases.

I. To limit the probability of mixing of, or contact between, incompatible dangerous goods, which could lead to an adverse reaction between the dangerous goods, which could lead to the unwanted release of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Application


This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to outdoor storage areas, as stated in Sentence 3.3.4.3.(1).

Exception:

except as stated in Sentence 3.1.1.4.(1), which applies to:
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that improper storage practices will lead to an adverse reaction between the dangerous goods, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006


This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to outdoor storage areas, as stated in Sentence 3.3.4.3.(1).

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that improper storage practices will lead to an adverse reaction between the dangerous goods, which could lead to the unwanted release of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Separation of flammable liquids or combustible liquids or Class 8 corrosive substances from Class 7 radioactive materials.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to outdoor storage areas, as stated in Sentence 3.3.4.3.(1).

Intent

I1. To limit the probability of
- a fire of high intensity near the radioactive materials, or
- corrosive vapours produced by a fire involving corrosive substances near the radioactive materials.

This is to limit the probability of escape of radioactive materials, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Measures to prevent or minimize corrosion or deterioration of shelving, racks, and piping system components, due to contact with stored dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to interior finish materials, floors, fixed furniture and equipment in laboratories where dangerous goods are used, as stated in Sentence 5.5.2.1.(1).

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

I1. To limit the probability that shelving, racking or piping systems will become excessively corroded or deteriorated, which could lead to the premature structural failure of such systems, which could lead to the unwanted release of dangerous goods, which could lead to harm to the public.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Measures to prevent or minimize corrosion or deterioration of shelving, racks, and piping system components, due to contact with stored dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to interior finish materials, floors, fixed furniture and equipment in laboratories where dangerous goods are used, as stated in Sentence 5.5.2.1.(1).

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to
-  the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
-  facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
I1. To limit the probability that shelving, racking or piping systems will become excessively corroded or deteriorated, which could lead to the premature structural failure of such systems, which could lead to the unwanted release of dangerous goods, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Measures to prevent or minimize corrosion or deterioration of shelving, racks, and piping system components, due to contact with stored dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to interior finish materials, floors, fixed furniture and equipment in laboratories where dangerous goods are used, as stated in Sentence 5.5.2.1.(1).

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that shelving, racking or piping systems will become excessively corroded or deteriorated, which could lead to the premature structural failure of such systems, which could lead to the unwanted release of dangerous goods, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Impermeability of materials used in the construction of floors in areas where dangerous goods are stored. This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to interior finish materials, floors, fixed furniture and equipment in laboratories where dangerous goods are used, as stated in Sentence 5.5.2.1.(1).

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that spilled dangerous goods will be absorbed into the floor, which could lead to an adverse reaction with the floor materials or with other dangerous goods that have been absorbed into the floor, which could lead to a fire or explosion, which could lead to harm to persons.
A1. Impermeability of materials used in the construction of floors in areas where dangerous goods are stored.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to interior finish materials, floors, fixed furniture and equipment in laboratories where dangerous goods are used, as stated in Sentence 5.5.2.1.(1).

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to:
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

I1. To limit the probability that spilled dangerous goods will be absorbed into the floor, which could lead to an adverse reaction with the floor materials or with other dangerous goods that have been absorbed into the floor, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application - functional statement/objective

F44-OH5

1) Floors in areas where dangerous goods are stored shall be constructed of impermeable materials to prevent the absorption of chemicals.

Application

A1. Impermeability of materials used in the construction of floors in areas where dangerous goods are stored.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to interior finish materials, floors, fixed furniture and equipment in laboratories where dangerous goods are used, as stated in Sentence 5.5.2.1.(1).

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that spilled dangerous goods will be absorbed into the floor, which could lead to the seepage of the dangerous goods from the flooring material, which could lead to harm to the public.

I2. To limit the probability that spilled dangerous goods will be absorbed into the floor, which could lead to harm to the public from the disposal of the contaminated floor materials.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Storage of Class 5 oxidizing substances on combustible floors or platforms. This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to interior finish materials, floors, fixed furniture and equipment in laboratories where dangerous goods are used, as stated in Sentence 5.5.2.1.(1).

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
I1. To limit the probability that oxidizers will come into contact with combustible materials, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.9.(1)-01
Attribution - functional statement/objective F02-OP1.2

CodeText

1) Except as permitted in Sentences (2) and (3) and in Part 4, buildings used for the storage of dangerous goods regulated by this Subsection shall be equipped throughout with a sprinkler system or other fire suppression system, designed in conformance with Part 2 and good engineering practice with respect to specific dangerous goods. (See Appendix A.)

Application

A1. Sprinkler or other fire suppression systems for buildings used for the storage of dangerous goods regulated by Subsection 3.2.7.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.7.9.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
- Sentences 3.2.5.3.(1) and 3.2.5.4.(1), which apply to aerosols,
- Sentence 3.2.7.9.(2), which applies to limited storage in a separate fire compartment,
- Sentence 3.2.7.9.(3), which applies to non-hazardous gases,
- Article 4.2.4.2., which applies to flammable liquids and combustible liquids in assembly occupancies or residential occupancies,
- Article 4.2.5.1., which applies to flammable liquids and combustible liquids in mercantile occupancies,
- Article 4.2.6.3., which applies to flammable liquids and combustible liquids in business and personal services occupancies, care or detention occupancies and non-residential schools,
- Articles 4.2.7.5. and 4.2.8.2., which apply to flammable liquids and combustible liquids in industrial occupancies,
- Article 4.2.8.4., which applies to flammable liquids and combustible liquids in general storage areas,
- Article 4.2.9.1., which applies to flammable liquids and combustible liquids in storage rooms, and
- Article 4.2.10.3., and Sentence 5.5.5.1.(2), which apply to flammable liquids and combustible liquids in storage cabinets.

Intent

I1. To limit the probability that a fire involving the stored products will spread to other parts of the building, which could lead to damage to the building.

I2. To direct Alberta Fire Code 2006 users to Articles 2.1.3.5. and 2.1.3.6., and to caution that the extinguishing agent and method must be determined based on the hazardous properties of the specific dangerous goods to be protected.
1) Except as permitted in Sentences (2) and (3) and in Part 4, buildings used for the storage of dangerous goods regulated by this Subsection shall be equipped throughout with a sprinkler system or other fire suppression system, designed in conformance with Part 2 and good engineering practice with respect to specific dangerous goods. (See Appendix A.)

Application

A1. Sprinkler or other fire suppression systems for buildings used for the storage of dangerous goods regulated by Subsection 3.2.7..

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
- Sentences 3.2.5.3.(1) and 3.2.5.4.(1), which apply to aerosols,
- Sentence 3.2.7.9.(2), which applies to limited storage in a separate fire compartment,
- Sentence 3.2.7.9.(3), which applies to non-hazardous gases,
- Article 4.2.4.2., which applies to flammable liquids and combustible liquids in assembly occupancies or residential occupancies,
- Article 4.2.5.1., which applies to flammable liquids and combustible liquids in mercantile occupancies,
- Article 4.2.6.3., which applies to flammable liquids and combustible liquids in business and personal services occupancies, care or detention occupancies and non-residential schools,
- Articles 4.2.7.5. and 4.2.8.2., which apply to flammable liquids and combustible liquids in industrial occupancies,
- Article 4.2.8.4., which applies to flammable liquids and combustible liquids in general storage areas,
- Article 4.2.9.1., which applies to flammable liquids and combustible liquids in storage rooms, and
- Article 4.2.10.3. and Sentence 5.5.5.1.(2), which apply to flammable liquids and combustible liquids in storage cabinets.

Intent

I1. To limit the probability that a fire involving the stored products will spread to other parts of the building, which could lead to harm to persons.

I2. To direct Alberta Fire Code 2006 users to Articles 2.1.3.5. and 2.1.3.6., and to caution that the extinguishing agent and method must be determined based on the hazardous properties of the specific dangerous goods to be protected.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.9.(2)-01
Attribution - functional statement/objective F02,F03-OP1.2 and F01-OP1.1

Code

2) Buildings described in Sentence (1) need not be equipped throughout with a sprinkler system or other fire suppression system provided that

a) the sum of individual storage areas in the building used for the storage of dangerous goods, other than Class 9 dangerous goods with no other classification and those covered in Part 4, does not exceed 100 m$^2$, and

b) the dangerous goods are

i) separated in conformance with Table 3.2.7.6., and

ii) stored in fire compartments separated from the remainder of the building by a fire separation having a fire-resistance rating of not less than 2 h.

Text

Application

A1. Sprinkler or other fire suppression systems for buildings used for the storage of dangerous goods regulated by Subsection 3.2.7., where

- the sum of individual storage areas in the building used for the storage of dangerous goods, other than Class 9 dangerous goods with no other classification and those covered in Part 4 of this Code, does not exceed 100 m$^2$ and

- the dangerous goods are

- separated in conformance with Table 3.2.7.6., and

- stored in fire compartments separated from the remainder of the building by a fire separation having a fire-resistance rating not less than 2 h.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.6., whether raw or waste materials, goods in process, or finished goods.

Intent

I1. To supersede the requirements of Sentence 3.2.7.9.(1), which would otherwise require fire suppression systems, if certain measures are taken.

This is to limit the probability that

- excessive quantities of the products will be involved in a fire, which could lead to an increase in fire severity, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building,

- incompatible dangerous goods will be mixed or come into contact with each other, which could lead to an adverse reaction between the dangerous goods, which could lead to a fire or explosion, which could lead to damage to the building, and

- a fire involving the dangerous goods will spread to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.9.(2)-02
Attribution - functional statement/objective F02,F03-OS1.2 and F01-OS1.1

CodeText

2) Buildings described in Sentence (1) need not be equipped throughout with a sprinkler system or other fire suppression system provided that
- the sum of individual storage areas in the building used for the storage of dangerous goods, other than Class 9 dangerous goods with no other classification and those covered in Part 4, does not exceed 100 m$^2$, and
- the dangerous goods are
  i) separated in conformance with Table 3.2.7.6., and
  ii) stored in fire compartments separated from the remainder of the building by a fire separation having a fire-resistance rating of not less than 2 h.

Application

A1. Sprinkler or other fire suppression systems for buildings used for the storage of dangerous goods regulated by Subsection 3.2.7., where
- the sum of individual storage areas in the building used for the storage of dangerous goods, other than Class 9 dangerous goods with no other classification and those covered in Part 4 of this Code, does not exceed 100 m$^2$ and
- the dangerous goods are:
  - separated in conformance with Table 3.2.7.6., and
  - stored in fire compartments separated from the remainder of the building by a fire separation having a fire-resistance rating of not less than 2 h.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.6., whether raw or waste materials, goods in process, or finished goods.

Intent

I1. To supersede the requirements of Sentence 3.2.7.9.(1), which would otherwise require fire suppression systems, if certain measures are taken.

This is to limit the probability that
- excessive quantities of the products will be involved in a fire, which could lead to an increase in fire severity, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons,
- incompatible dangerous goods will be mixed or come into contact with each other, which could lead to an adverse reaction between the dangerous goods, which could lead to a fire or explosion, which could lead to harm to persons, and
- a fire involving the dangerous goods will spread to other parts of the building, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.2.7.9.(3)-01
Attribution - functional statement/objective  Not applicable

CodeText

3) Buildings described in Sentence (1) need not be equipped throughout with a sprinkler system or other fire suppression system provided that storage consists only of Class 2.2 gas with no Class 5 subsidiary class.

Application

A1. Sprinkler or other fire suppression systems for buildings used for the storage of dangerous goods regulated by Subsection 3.2.7., where storage consists only of Class 2.2 gas with no Class 5 subsidiary classification.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Intent

I1. To supersede the requirements of Sentence 3.2.7.9.(1), which would otherwise require fire suppression systems, if the storage is restricted to compressed gases that do not pose a fire or explosion hazard or are non-hazardous in a fire situation.
Alberta Fire Code 2006

Application and intent of Division B provisions

Code Reference (including record number) 3.2.7.10,(1)-01
Attribution - functional statement/objective F12,F02-OP1.2

Code Text

1) Where the collective individual storage areas for dangerous goods exceed 10 m² in a fire compartment, means shall be provided for manual or automatic venting of smoke and toxic gases from the storage area under fire conditions. (See Appendix A.)

Application

A1. Manual or automatic venting of smoke and toxic gases from storage areas under fire conditions, where the collective individual storage areas for dangerous goods exceed 10 m² in a fire compartment.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:

except as stated in
- Sentence 3.1.1.4,(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4,(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Sentence 3.2.9.2.(4), which applies to ammonium nitrate.

Intent

I1. To limit the probability that smoke and toxic gases will accumulate in a fire situation, which could lead to delays or inefficiencies in emergency response operations [e.g. poor visibility], which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.

I2. To limit the probability that smoke will accumulate in a fire situation, which could lead to the spread of smoke to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Manual or automatic venting of smoke and toxic gases from storage areas under fire conditions, where the collective individual storage areas for dangerous goods exceed 10 m² in a fire compartment. This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1,500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Sentence 3.2.9.2.(4), which applies to ammonium nitrate.

Intent

I1. To limit the probability that smoke and toxic gases will accumulate in a fire situation, which could lead to delays or inefficiencies in emergency response operations [e.g. poor visibility], which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that smoke and toxic gases will accumulate in a fire situation, which could lead to delays in egress by emergency responders [e.g. poor visibility], which could lead to harm to emergency responders.
A1. Measures to control spilled liquid or solid dangerous goods shall be provided in conformance with Subsection 4.1.6.

**Application**

A1. Measures to control spilled liquid or solid dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:

- except as stated in
  - Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
  - Sentence 3.2.9.2.(4), which applies to ammonium nitrate.

**Intent**

I1. To expand the application of the spill control measures described in Subsection 4.1.6. to dangerous goods, which would otherwise apply only to flammable and combustible liquids.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.11.(2)-01
Attribution - functional statement/objective F01-OS1.1

CodeText

2) Materials or liquids used in the cleanup of spills and leakages of dangerous goods shall be
a) compatible and non-reactive with the dangerous goods being cleaned up, and
b) disposed of in conformance with Subsection 4.1.6.

Application

A1. Characteristics of materials or liquids used in the cleanup of spills and leakages of dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to absorbent and neutralizing materials used in the cleanup of escaped solid or liquid dangerous goods, including flammable liquids and combustible liquids, in laboratories, as stated in Sentence 5.5.3.3.(1).

Exception:
except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that materials or liquids used in cleanups will have an adverse reaction with the escaped dangerous goods, which could lead to a fire or explosion, which could lead to harm to persons.

I2. To remove the obligation to use absorbent materials conforming to Sentence 4.1.6.3.(3) [as implied by the general reference to Subsection 4.1.6. in Sentence 3.2.7.11.(1)] for the cleanup of dangerous goods other than flammable and combustible liquids.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.11,(2)-02
Attribution - functional statement/objective F43-OS3.4

CodeText

2) Materials or liquids used in the cleanup of spills and leakages of dangerous goods shall be:
   a) compatible and non-reactive with the dangerous goods being cleaned up, and
   b) disposed of in conformance with Subsection 4.1.6.

Application

A1. Characteristics of materials or liquids used in the cleanup of spills and leakages of dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to absorbent and neutralizing materials used in the cleanup of escaped solid or liquid dangerous goods, including flammable liquids and combustible liquids, in laboratories, as stated in Sentence 5.5.3.3.(1).

Exception:

- except as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that materials or liquids used in cleanups will have an adverse reaction with the escaped dangerous goods, which could lead to harm to persons, including emergency responders.

I2. To remove the obligation to use absorbent materials conforming to Sentence 4.1.6.3.(3) [as implied by the general reference to Subsection 4.1.6. in Sentence 3.2.7.11,(1)] for the cleanup of dangerous goods other than flammable and combustible liquids.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.11.(2)-03
Attribution - functional statement/objective Not applicable

**CodeText**

2) Materials or liquids used in the cleanup of spills and leakages of dangerous goods shall be
   a) compatible and non-reactive with the dangerous goods being cleaned up, and
   b) disposed of in conformance with Subsection 4.1.6.

**Application**

A1. Disposal of materials or liquids used in the cleanup of spills and leakages of dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of
dangerous goods in packages or containers when stored in single fire compartments in quantities
greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or
finished goods.

A2. This also applies to absorbent and neutralizing materials used in the cleanup of escaped solid or
liquid dangerous goods, including flammable liquids and combustible liquids, in laboratories, as
stated in Sentence 5.5.3.3.(1).

Exception:
   except as stated in Sentence 3.1.1.4.(1), which applies to
   - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
   - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as
     stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

**Intent**

I1. To direct Alberta Fire Code 2006 users to Sentence 4.1.6.3.(3) for requirements pertaining to
disposal of materials or liquids used in the cleanup of spills and leakages of dangerous goods.
Application and intent of Division B provisions

Application

A1. Fire department access to buildings.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1,500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m,
- Sentence 3.2.7.12.(2), which applies where the collective individual storage area for dangerous goods exceeds 10 m², and
- Sentence 3.2.7.12.(3), which applies to the minimum size of access openings to each storey.

Intent

II. To direct Alberta Fire Code 2006 users to Section 2.5. for requirements pertaining to fire department access to buildings.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.2.7.12.(2)-01
Attribution - functional statement/objective  F12-OP1.2

CodeText

2) When the collective individual storage area for dangerous goods exceeds 10 m², buildings regulated by Sentence (1) shall be accessible to fire department vehicles from at least 2 sides for the purpose of firefighting. (See Appendix A.)

Application

A1. Minimum number of building sides providing access for fire department vehicles, when the collective individual storage area for dangerous goods exceeds 10 m².

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

II. To supersede the requirement in Sentence 3.2.7.12.(1), which references Section 2.5. [specifically Sentence 2.5.1.1.(1)] which would otherwise permit a single building access point, if the area of product storage exceeds a certain limit, on the basis that the increased area of product storage imposes a higher fire hazard and warrants a least two building access points.

This is to limit the probability that emergency response operations will be delayed or inefficient, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.
2) When the collective individual storage area for dangerous goods exceeds 10 m², buildings regulated by Sentence (1) shall be accessible to fire department vehicles from at least 2 sides for the purpose of firefighting. (See Appendix A.)

Application
A1. Minimum number of building sides providing access for fire department vehicles, when the collective individual storage area for dangerous goods exceeds 10 m².

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
II. To supersede the requirement in Sentence 3.2.7.12.(1), which references Section 2.5. [specifically Sentence 2.5.1.1.(1)] which would otherwise permit a single building access point, if the area of product storage exceeds a certain limit, on the basis that the increased area of product storage imposes a higher fire hazard and warrants a least two building access points.

This is to limit the probability that emergency response operations will be delayed or inefficient, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum size [width and height] of access openings to each storey provided in conformance with the Alberta Building Code 2006 applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Clauses 3.2.8.2.(1)(c) and 3.2.8.3.(1)(c), which apply to the access to storage rooms for gases.

Application

I1. To limit the probability that emergency response operations will be delayed or inefficient, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.12.3-(3)-02
Attribution - functional statement/objective F12-OS1.2

Application

3) In buildings regulated by Sentence (1), access openings to each storey provided in conformance with the Alberta Building Code 2006 shall be not less than 750 mm wide by 1 100 mm high. (See Appendix A.)

A1. Minimum size [width and height] of access openings to each storey provided in conformance with the Alberta Building Code 2006 applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m, and
- Clauses 3.2.8.2.(1)(c) and 3.2.8.3.(1)(c), which apply to the access to storage rooms for gases.

Intent

I1. To limit the probability that emergency response operations will be delayed or inefficient, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Displaying of appropriate identifying labels for products classified as dangerous goods, from the time they enter a facility until they are issued as finished products or waste material. (See Appendix A.)

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Displaying of appropriate identifying labels for products classified as dangerous goods, from the time they enter a facility until they are issued as finished products or waste material. (See Appendix A.)

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I1. To limit the probability that emergency response operations will be delayed or inefficient, which could lead to a fire or explosion or the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.

I2. To limit the probability of unsafe storage practices, accidental mixing or mishandling of products, or inappropriate actions by personnel, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Displaying of appropriate identifying labels for products classified as dangerous goods, from the time they enter a facility until they are issued as finished products or waste material. (See Appendix A.)

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

I1. To limit the probability that emergency response operations will be delayed or inefficient, which could lead to the unwanted release or spread of dangerous goods, which could lead to harm to persons, including emergency responders.

I2. To limit the probability of unsafe storage practices, accidental mixing or mishandling of products, or inappropriate actions by personnel, which could lead to the unwanted release or spread of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

**CodeReference (including record number)**
3.2.7.14,(1)-01

**Attribution - functional statement/objective**
F12-OS1.1,OS1.2 and F81-OS1.1

**CodeText**

1) Individual storage areas used for the storage of dangerous goods shall be clearly designated as such by posted placards conforming to the “Transportation of Dangerous Goods Regulations” and Sentences (2) to (4). (See Appendix A.)

**Application**

A1. Posting of identifying placards for individual storage areas used for the storage of dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to

- outdoor storage areas, as stated in Sentence 3.3.4.5,(1),
- rooms for indoor storage tanks for flammable liquids and combustible liquids in industrial occupancies, as stated in Sentence 4.3.13.5,(1), and
- laboratories, as stated in Sentence 6.5.3.1.(4).

**Exception:**

except as stated in

- Sentence 3.1.1.4,(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4,(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

**Intent**

I1. To limit the probability that emergency response operations will be delayed or inefficient, which could lead to a fire or explosion or the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.

I2. To limit the probability of unsafe storage practices, accidental mixing or mishandling of products, or inappropriate actions by personnel, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

A1. Posting of identifying placards for individual storage areas used for the storage of dangerous goods. This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to:
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1),
- rooms for indoor storage tanks for flammable liquids and combustible liquids in industrial occupancies, as stated in Sentence 4.3.13.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception: except as stated in:
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To limit the probability that emergency response operations will be delayed or inefficient, which could lead to the unwanted release or spread of dangerous goods, which could lead to harm to persons, including emergency responders.

I2. To limit the probability of unsafe storage practices, accidental mixing or mishandling of products, or inappropriate actions by personnel, which could lead to the unwanted release or spread of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

A1. Posting of identifying placards for individual storage areas used for the storage of dangerous goods, where storage consists of a single product.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to

- outdoor storage areas, as stated in Sentence 3.3.4.5.(1),
- rooms for indoor storage tanks for flammable liquids and combustible liquids in industrial occupancies, as stated in Sentence 4.3.13.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:

except as stated in

- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To relax the obligation in Sentence 3.2.7.14.(1) for placards to conform to the Transportation of Dangerous Goods Regulations, and permit dangerous goods to be identified by showing only their UN PIN on the placards, if the storage consists of a single product.

This is to limit the probability that emergency response operations will be delayed or inefficient, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.14.(2)-02
Attribution - functional statement/objective F12-OS3.4

CodeText

2) Where storage consists of a single product, only the UN number need be posted.

Application

A1. Posting of identifying placards for individual storage areas used for the storage of dangerous goods, where storage consists of a single product.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1),
- rooms for indoor storage tanks for flammable liquids and combustible liquids in industrial occupancies, as stated in Sentence 4.3.13.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To relax the obligation in Sentence 3.2.7.14.(1) for placards to conform to the Transportation of Dangerous Goods Regulations, and permit dangerous goods to be identified by showing only their UN PIN on the placards, if the storage consists of a single product.

This is to limit the probability that emergency response operations will be delayed or inefficient, which could lead to the unwanted release or spread of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Posting of identifying placards for individual storage areas used for the storage of dangerous goods, where storage consists of multiple products within the same class.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1),
- rooms for indoor storage tanks for flammable liquids and combustible liquids in industrial occupancies, as stated in Sentence 4.3.13.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Application

F12-OS1.2

3) Where storage consists of multiple products within the same class, the individual class and division placard shall be posted.

Intent

I1. To clarify the requirement in Sentence 3.2.7.14.(1) for placards to conform to the Transportation of Dangerous Goods Regulations and to require that dangerous goods be identified by also showing their individual Transportation of Dangerous Goods Class and Division number on the placards, where storage consists of multiple products within the same class.

This is to limit the probability that emergency response operations will be delayed or inefficient, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Posting of identifying placards for individual storage areas used for the storage of dangerous goods, where storage consists of multiple products within the same class.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1),
- rooms for indoor storage tanks for flammable liquids and combustible liquids in industrial occupancies, as stated in Sentence 4.3.13.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

I1. To clarify the requirement in Sentence 3.2.7.14.(1) for placards to conform to the Transportation of Dangerous Goods Regulations and to require that dangerous goods be identified by also showing their individual Transportation of Dangerous Goods Class and Division number on the placards, where storage consists of multiple products within the same class.

This is to limit the probability that emergency response operations will be delayed or inefficient, which could lead to the unwanted release or spread of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.14.(4)-01
Attribution - functional statement/objective F12-0S1.2

CodeText

4) Where storage consists of more than one class of products, a placard for each individual class, or the "Danger" placard of the "Transportation of Dangerous Goods Regulations," shall be posted at the entrance to the storage area.

Application

A1. Posting of identifying placards, at the entrance to the storage area, for individual storage areas used for storage of dangerous goods, where storage consists of more than one class.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to:
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1),
- rooms for indoor storage tanks for flammable liquids and combustible liquids in industrial occupancies, as stated in Sentence 4.3.13.5.(1), and
- laboratories, as stated in Sentence 6.5.3.1.(4).

Exception:
except as stated in:
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

II. To offer an alternative solution, i.e. the Transportation of Dangerous Goods Regulations DANGER symbol, to the requirement in Sentences 3.2.7.14.(1) and 3.2.7.14.(3) for placards to show the individual Transportation of Dangerous Goods Class and Division numbers, where storage consists of more than one class.

This is to limit the probability that emergency response operations will be delayed or inefficient, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Posting of identifying placards, at the entrance to the storage area, for individual storage areas used for storage of dangerous goods, where storage consists of more than one class.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to:
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1),
- rooms for indoor storage tanks for flammable liquids and combustible liquids in industrial occupancies, as stated in Sentence 4.3.13.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:

- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

II. To offer an alternative solution, i.e. the Transportation of Dangerous Goods Regulations DANGER symbol, to the requirement in Sentences 3.2.7.14.(1) and 3.2.7.14.(3) for placards to show the individual Transportation of Dangerous Goods Class and Division numbers, where storage consists of more than one class.

This is to limit the probability that emergency response operations will be delayed or inefficient, which could lead to the unwanted release or spread of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Identification of individual storage areas used for storage of dangerous goods in the fire safety plan as required in Article 3.2.2.5.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
I1. To direct Alberta Fire Code 2006 users to Article 3.2.2.5.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Responsibilities of persons [with respect to correct responses to an emergency situation and correct procedures for the handling, storing and offering for transport of dangerous goods]. This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to:
   - outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
   - laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:

except as stated in
   - Sentence 3.1.1.4.(1), which applies to
     - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
     - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
   - Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that emergency response operations will be delayed or inefficient, which could lead to a fire or explosion or the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.

I2. To limit the probability of unsafe storage practices, accidental mixing or mishandling of products, or inappropriate actions by personnel, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Responsibilities of persons [with respect to correct responses to an emergency situation and correct procedures for the handling, storing and offering for transport of dangerous goods].

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to:
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Application

A1. Responsibilities of persons [with respect to correct responses to an emergency situation and correct procedures for the handling, storing and offering for transport of dangerous goods].

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to:
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that emergency response operations will be delayed or inefficient, which could lead to the unwanted release or spread of dangerous goods, which could lead to harm to persons, including emergency responders.

I2. To limit the probability of unsafe storage practices, accidental mixing or mishandling of products, or inappropriate actions by personnel, which could lead to the unwanted release or spread of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Availability of persons, with respect to response to a day or night emergency.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to:
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Application

A1. Availability of persons, with respect to response to a day or night emergency.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to:
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that emergency response operations will be delayed or inefficient, which could lead to the unwanted release or spread of dangerous goods, which could lead to harm to persons, including emergency responders.
A1. Availability of persons, with respect to response to a day or night emergency.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to:
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a) of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

I1. To limit the probability that emergency response operations will be delayed or inefficient, which could lead to a fire or explosion or the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.

I2. To limit the probability of unsafe storage practices, accidental mixing or mishandling of products, or inappropriate actions by personnel, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.15.(1)-05
Attribution - functional statement/objective Not applicable

Application

A1. Training of persons [with respect to correct responses to an emergency situation and correct procedures for the handling, storing and offering for transport of dangerous goods].

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to:
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
except as stated in:
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a) of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To state the application of Sentence 3.2.7.15.(2).
Application and intent of Division B provisions

A1. Training of the person in responsible charge specified in Sentence 3.2.7.15.(1), with respect to the correct procedures for the handling, storing and offering for transport of dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to:
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
except as stated in:
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To limit the probability of unsafe storage practices, accidental mixing or mishandling of products, or inappropriate actions by personnel, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

A1. Training of the person in responsible charge specified in Sentence 3.2.7.15.(1), with respect to the correct procedures for the handling, storing and offering for transport of dangerous goods. This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to:
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
except as stated in:
- Sentence 3.1.1.4.(1), which applies to:
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
I1. To limit the probability of unsafe storage practices, accidental mixing or mishandling of products, or inappropriate actions by personnel, which could lead to the unwanted release or spread of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Training of persons involved in the storage and handling of dangerous goods, with respect to safe handling procedures and correct responses to an emergency situation.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to:
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
except as stated in:
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Application

I1. To limit the probability of unsafe storage practices, accidental mixing or mishandling of products, or inappropriate actions by personnel, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

3.2.7.15.(3)-02
F81,F12-OS3.4

3) All employees involved in the storage and handling of dangerous goods shall be trained in safe handling procedures and correct responses to an emergency situation.

Application

A1. Training of persons involved in the storage and handling of dangerous goods, with respect to safe handling procedures and correct responses to an emergency situation.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

A2. This also applies to
- outdoor storage areas, as stated in Sentence 3.3.4.5.(1), and
- laboratories, as stated in Sentence 5.5.3.1.(4).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

To limit the probability of unsafe storage practices, accidental mixing or mishandling of products, or inappropriate actions by personnel, which could lead to the unwanted release or spread of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Securing against unauthorized access of areas used for the storage of dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent

I. To limit the probability that the actions of unauthorized persons will lead to the unwanted release of dangerous goods, which could lead to harm to the public.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Securing against unauthorized access of areas used for the storage of dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
I. To limit the probability that the actions of unauthorized persons will lead to the unwanted release of dangerous goods or a fire hazard, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Securing against unauthorized access of areas used for the storage of dangerous goods.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases.

Intent
I. To limit the probability that the actions of unauthorized persons will lead to the unwanted release or spread of dangerous goods, which could lead to harm to persons.
A1. Storage of dangerous goods with other [combustible] products described in Sentence 3.2.1.1.(1), in the same individual storage area.

This applies to buildings or parts of buildings used for the short term or long term storage of dangerous goods in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
- except for Class I commodities,
- as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- as stated in Clause 3.2.8.2.(1)(g) and Sentence 3.2.8.3.(2), which apply to dedicated storage rooms for hazardous Class 2 gases.

I1. To limit the probability that a fire involving the combustible products will spread to and involve the dangerous goods, which could lead to harm to persons.

I2. To limit the probability of mixing of, or contact between, dangerous goods and other products that are incompatible with dangerous goods, which could lead to an adverse reaction between the dangerous goods and the other products, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Mercantile occupancies or parts of mercantile occupancies used for the short term or long term storage of Packing Group I or II oxidizing substances in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Intent

I1. To state the application of Article 3.2.7.18.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.7.18.(2)-01
Attribution - functional statement/objective F03-OS1.2 and F01-OS1.1

CodeText

2) Packing Group I or II oxidizing substances that are located within mercantile occupancies in quantities not exceeding those permitted by Table 3.2.7.1. shall be separated from ordinary combustible material by a distance of at least 1 m.

Application

A1. Maximum quantity of Packing Group I or II oxidizing substances [up to and including 250 kg or 250 litres] and clearance of such substances from combustible material.

This applies to mercantile occupancies or parts of mercantile occupancies used for the short term or long term storage of Packing Group I or II oxidizing substances in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Intent

I1. To limit the probability that a fire involving the oxidizing substances will spread to and involve the combustible material, which could lead to harm to persons.

I2. To limit the probability of mixing of, or contact between, oxidizing substances and combustible material that is incompatible with the oxidizing substances, which could lead to an adverse reaction between the oxidizing substances and the combustible material, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Clearance between Packing Group I or II oxidizing substances [up to 250 kg or 250 litres] and any other dangerous goods. This applies to mercantile occupancies or parts of mercantile occupancies used for the short term or long term storage of Packing Group I or II oxidizing substances in packages or containers when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Intent

I1. To limit the probability that a fire involving the oxidizing substances will spread to and involve the dangerous goods, which could lead to harm to persons.

I2. To limit the probability of mixing of, or contact between, oxidizing substances and dangerous goods that are incompatible with oxidizing substances, which could lead to an adverse reaction between the oxidizing substances and the dangerous goods, which could lead to a fire or explosion, which could lead to harm to persons.

CodeText

3) A clear space of not less than 2.4 m shall be maintained between the oxidizing substances identified in Sentence (2) and any other dangerous goods. (See A-3.1.2.5.(1) in Appendix A.)
Application and intent of Division B provisions

Application
A1. Buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2 gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Subsection 3.2.5., which applies to the indoor storage of aerosol products.

Intent
I1. To state the application of Subsection 3.2.8.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.8.2.(1)-01
Attribution - functional statement/objective F03-OS1.2 and F44-OS1.1

CodeText

1) Except as provided in Sentences (2) and (3), cylinders of Class 2.1 flammable gases stored indoors shall be located in a room that
   a) is separated from the remainder of the building by a gas-tight fire separation having a fire-resistance rating of at least 2 h,
   b) is located on an exterior wall of the building,
   c) can be entered from the exterior, and whose closures leading to the interior of the building are
      i) equipped with self-closing devices that keep the closures closed when not in use, and
      ii) constructed so as to prevent the migration of gases from the room into other parts of the building,
   d) is designed to prevent critical structural and mechanical damage from an internal explosion in conformance with good engineering practice such as that described in NFPA 68, “Venting of Deflagrations” (see Appendix A),
   e) is provided with natural or mechanical ventilation in conformance with Subsection 4.1.7.,
   f) does not contain fuel-fired appliances or high-temperature heating elements, and
   g) is used for no purpose other than the storage of Class 2 gases.

Application

A1. Minimum fire-resistance rating, and gas tightness, of fire separations that separate rooms used for the storage of cylinders of Class 2.1 flammable gases from the remainder of the building.

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.1 flammable gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
   except as stated in
   - Sentence 3.1.1.4.(1), which applies to
     - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
     - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases,
   - Subsection 3.2.5., which applies to the indoor storage of aerosol products,
   - Sentence 3.2.8.2.(2), which applies to cylinders of Class 2.1 flammable, lighter-than-air gases, and
   - Sentence 3.2.8.2.(3), which applies to single-trip non-refillable cylinders located within mercantile occupancies.

Intent

I1. To limit the probability that a fire will spread from the storage room to other parts of the building, which could lead to harm to persons.

I2. To limit the probability that a fire will spread from other parts of the building to the storage room and involve the gas cylinders, which could lead to an explosion or the further spread of fire, which could lead to harm to persons, including emergency responders.

I3. To limit the probability that a gas leak in the storage room will migrate to other parts of the building, which could lead to ignition of the gas, which could lead to a fire or explosion outside of the storage room, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Location of rooms used for the storage of cylinders of Class 2.1 flammable gases.

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.1 flammable gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Subsection 3.2.5., which applies to the indoor storage of aerosol products,
- Sentence 3.2.8.2.(2), which applies to cylinders of Class 2.1 flammable, lighter-than-air gases, and
- Sentence 3.2.8.2.(3), which applies to single-trip non-refillable cylinders located within mercantile occupancies.

I1. To facilitate the construction of explosion venting, as required by Clause 3.2.8.2.(1)(d), for the gas storage room.

This is to limit the probability that an explosion in the room will cause critical damage [structural or mechanical] to the room or the building, which could lead to damage to the building.
A1. Location of rooms used for the storage of cylinders of Class 2.1 flammable gases.

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.1 flammable gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Subsection 3.2.5., which applies to the indoor storage of aerosol products,
- Sentence 3.2.8.2.(2), which applies to cylinders of Class 2.1 flammable, lighter-than-air gases, and
- Sentence 3.2.8.2.(3), which applies to single-trip non-refillable cylinders located within mercantile occupancies.

Intent
I1. To facilitate the construction of the following safety features for the gas storage room:
- firefighter access from the outside, as required by Clause 3.2.8.2.(1)(c),
- explosion venting to the outside, as required by Clause 3.2.8.2.(1)(d), and
- exhaust ventilation to the outside, as required by Clause 3.2.8.2.(1)(e).

This is to limit the probability that
- emergency response operations will be delayed or inefficient, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders,
- gases will accumulate, which could lead to their ignition from a nearby ignition source, which could lead to a fire or explosion, which could lead to harm to persons, and
- an explosion in the room will cause critical damage [structural or mechanical] to the room or the building, which could lead to harm to persons in other parts of the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 3.2.8.2.(1)-04
Attribution - functional statement/objective F12-OS1.1 and F44-OS1.1

CodeText

1) Except as provided in Sentences (2) and (3), cylinders of Class 2.1 flammable gases stored indoors shall be located in a room that
a) is separated from the remainder of the building by a gas-tight fire separation having a fire-resistance rating of at least 2 h,
b) is located on an exterior wall of the building,
c) can be entered from the exterior, and whose closures leading to the interior of the building are
i) equipped with self-closing devices that keep the closures closed when not in use, and
ii) constructed so as to prevent the migration of gases from the room into other parts of the building,
d) is designed to prevent critical structural and mechanical damage from an internal explosion in conformance with good engineering practice such as that described in NFPA 68, “Venting of Deflagrations” (see Appendix A),
e) is provided with natural or mechanical ventilation in conformance with Subsection 4.1.7.,
f) does not contain fuel-fired appliances or high-temperature heating elements, and
g) is used for no purpose other than the storage of Class 2 gases.

Application

A1. Access from the exterior of the building into rooms used for the storage of cylinders of Class 2.1 flammable gases. (for Intent 1) [F12-OS1.1]

A2. Closures leading to the interior of the building from rooms used for the storage of cylinders of Class 2.1 flammable gases. (for Intent 2) [F44-OS1.1]

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.1 flammable gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Subsection 3.2.5., which applies to the indoor storage of aerosol products,
- Sentence 3.2.8.2.(2), which applies to cylinders of Class 2.1 flammable, lighter-than-air gases, and
- Sentence 3.2.8.2.(3), which applies to single-trip non-refillable cylinders located within mercantile occupancies.

Intent

I1. To limit the probability that there will be a delay in
- controlling a gas leak inside the storage room, or
- removing gas cylinders from the room in the event of a fire in an adjacent part of the building.

This is to limit the probability of a fire or explosion involving the gases, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that a gas leak in the storage room will migrate to other parts of the building, which could lead to ignition of the gas, which could lead to a fire or explosion outside of the storage room, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.8.2.(1)-05
Attribution - functional statement/objective F02-OS1.3

CodeText

1) Except as provided in Sentences (2) and (3), cylinders of Class 2.1 flammable gases stored indoors shall be located in a room that
a) is separated from the remainder of the building by a gas-tight fire separation having a fire-resistance rating of at least 2 h,
b) is located on an exterior wall of the building,
c) can be entered from the exterior, and whose closures leading to the interior of the building are
   i) equipped with self-closing devices that keep the closures closed when not in use, and
   ii) constructed so as to prevent the migration of gases from the room into other parts of the building,
d) is designed to prevent critical structural and mechanical damage from an internal explosion in conformance with good engineering practice such as that described in NFPA 68, “Venting of Deflagrations” (see Appendix A),
e) is provided with natural or mechanical ventilation in conformance with Subsection 4.1.7.,
f) does not contain fuel-fired appliances or high-temperature heating elements, and
   g) is used for no purpose other than the storage of Class 2 gases.

Application

A1. Explosion venting of rooms used for the storage of cylinders of Class 2.1 flammable gases.

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.1 flammable gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in

- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Subsection 3.2.5., which applies to the indoor storage of aerosol products,
- Sentence 3.2.8.2.(2), which applies to cylinders of Class 2.1 flammable, lighter-than-air gases, and
- Sentence 3.2.8.2.(3), which applies to single-trip non-refillable cylinders located within mercantile occupancies.

Intent

I1. To limit the probability that an explosion in the room will lead to critical structural or mechanical damage to the room or the building, which could lead to harm to persons in other parts of the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Prohibition of fuel-fired appliances and high-temperature heating elements, in rooms used for the storage of cylinders of Class 2.1 flammable gases. This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.1 flammable gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
- Sentence 3.1.1.4.(1), which applies to facilities operated by manufacturers or distributors handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)
- Subsection 3.2.5., which applies to the indoor storage of aerosol products,
- Sentence 3.2.8.2.(2), which applies to cylinders of Class 2.1 flammable, lighter-than-air gases, and
- Sentence 3.2.8.2.(3), which applies to single-trip non-refillable cylinders located within mercantile occupancies.

Application A1. Prohibition of fuel-fired appliances and high-temperature heating elements, in rooms used for the storage of cylinders of Class 2.1 flammable gases.

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.1 flammable gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)
- Subsection 3.2.5., which applies to the indoor storage of aerosol products,
- Sentence 3.2.8.2.(2), which applies to cylinders of Class 2.1 flammable, lighter-than-air gases, and
- Sentence 3.2.8.2.(3), which applies to single-trip non-refillable cylinders located within mercantile occupancies.

Intent
I1. To supersede the provision in Sentence 3.2.7.2.(1), which would otherwise permit heating appliances if they are installed in a manner that does not create a fire or explosion hazard, and specifically prohibit their presence, on the basis of the increased hazard imposed by the storage of Class 2.1 flammable gases.

This is to limit the probability that gases will be ignited in the event of a gas leak in the storage room, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.8.2.(1)-07
Attribution - functional statement/objective F01,F02-OS1.1

CodeText

1) Except as provided in Sentences (2) and (3), cylinders of Class 2.1 flammable gases stored indoors shall be located in a room that
   a) is separated from the remainder of the building by a gas-tight fire separation having a fire-resistance rating of at least 2 h,
   b) is located on an exterior wall of the building,
   c) can be entered from the exterior, and whose closures leading to the interior of the building are
      i) equipped with self-closing devices that keep the closures closed when not in use, and
      ii) constructed so as to prevent the migration of gases from the room into other parts of the building,
   d) is designed to prevent critical structural and mechanical damage from an internal explosion in conformance with good engineering practice such as that described in NFPA 68, “Venting of Deflagrations” (see Appendix A),
   e) is provided with natural or mechanical ventilation in conformance with Subsection 4.1.7.,
   f) does not contain fuel-fired appliances or high-temperature heating elements, and
   g) is used for no purpose other than the storage of Class 2 gases.

Application

A1. Restricted use of rooms used for the storage of cylinders of Class 2.1 flammable gases.

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.1 flammable gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in
   - Sentence 3.1.1.4.(1), which applies to
     - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
     - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases,
   - Subsection 3.2.5., which applies to the indoor storage of aerosol products,
   - Sentence 3.2.8.2.(2), which applies to cylinders of Class 2.1 flammable, lighter-than-air gases, and
   - Sentence 3.2.8.2.(3), which applies to single-trip non-refillable cylinders located within mercantile occupancies.

Intent

I1. To limit the probability that other uses of the storage room will introduce ignition sources near the gas cylinders or add to the combustible loading in the room, which could lead to a fire or explosion, which could lead to harm to persons.

I2. To supersede the separation requirements stated in Sentences 3.2.7.6.(1) and 3.2.7.17.(1) and prohibit the storage of Class 2.1 flammable gases with gases other than compatible Class 2 gases in the same room.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Exhaust ventilation of rooms used for the storage of cylinders of Class 2.1 flammable gases. This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.1 flammable gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods. Exception: except as stated in Sentence 3.1.1.4.(1), which applies to - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases, - Subsection 3.2.5., which applies to the indoor storage of aerosol products, - Sentence 3.2.8.2.(2), which applies to cylinders of Class 2.1 flammable, lighter-than-air gases, and - Sentence 3.2.8.2.(3), which applies to single-trip non-refillable cylinders located within mercantile occupancies.

Application

A1. Exhaust ventilation of rooms used for the storage of cylinders of Class 2.1 flammable gases. This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.1 flammable gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in - Sentence 3.1.1.4.(1), which applies to - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases, - Subsection 3.2.5., which applies to the indoor storage of aerosol products, - Sentence 3.2.8.2.(2), which applies to cylinders of Class 2.1 flammable, lighter-than-air gases, and - Sentence 3.2.8.2.(3), which applies to single-trip non-refillable cylinders located within mercantile occupancies.

Intent

I1. To expand the application of Subsection 4.1.7. to flammable gases, which would otherwise apply only to flammable and combustible liquids.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.8.2.(2)-01
Attribution - functional statement/objective F01-OS1.1

CodeText

2) Cylinders of Class 2.1 flammable, lighter-than-air gases are permitted to be stored outside of a room described in Sentence (1) provided that the aggregate capacity per fire compartment of expanded gas outside of the room is not more than

a) 60 m³ in an unsprinklered building of combustible construction, and

b) 170 m³ in a sprinklered building or in a building of noncombustible construction.

(See Appendix A.)

Application

A1. Storage of cylinders of Class 2.1 flammable, lighter-than-air gases outside of rooms described in Sentence 3.2.8.2.(1), in buildings of combustible construction that are not sprinklered, where the aggregate capacity of expanded gas in a single fire compartment outside of the room is not more than 60 m³.

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.1 flammable gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:

except as stated in
- Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Subsection 3.2.5., which applies to the indoor storage of aerosol products.

Intent

I1. To supersede the requirement in Sentence 3.2.8.2.(1), which would otherwise require that Class 2.1 flammable, lighter-than-air gases be stored in a dedicated room, and allow their storage in the open in buildings of combustible construction that are not sprinklered, if the aggregate capacity of expanded gas per fire compartment outside of the room is limited.

This is to limit the probability that gases will accumulate in sufficient quantity to form an ignitable mixture at floor level or in low areas, which could lead to the ignition of the gases from a nearby ignition source, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Storage of cylinders of Class 2.1 flammable, lighter-than-air gases outside of a room described in Sentence (1) provided that the aggregate capacity per fire compartment of expanded gas outside of the room is not more than

a) 60 m\(^3\) in an unsprinklered building of combustible construction, and

b) 170 m\(^3\) in a sprinklered building or in a building of noncombustible construction.

(See Appendix A.)

Application

A1. Storage of cylinders of Class 2.1 flammable, lighter-than-air gases outside of rooms described in Sentence 3.2.8.2.(1), in sprinklered buildings or in buildings of noncombustible construction, where the aggregate capacity of expanded gas in a single fire compartment outside of the room is not more than 170 m\(^3\).

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.1 flammable gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:

- Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases, and

- Subsection 3.2.5., which applies to the indoor storage of aerosol products.

Intent

I1. To supersede the requirement in Sentence 3.2.8.2.(1), which would otherwise require that Class 2.1 flammable, lighter-than-air gases be stored in a dedicated room, and allow their storage in the open, if the aggregate capacity of expanded gas per fire compartment outside of the room is limited.

This is to limit the probability that

- [limitation on aggregate capacity] gases will accumulate in sufficient quantity to form an ignitable mixture at floor level or in low areas, which could lead to the ignition of the gases from a nearby ignition source, which could lead to harm to persons, and

- [sprinkler and noncombustible construction requirements] a fire in the building will spread and involve the gas cylinders, which could lead to the further spread of fire or an explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) & 3.2.8.2.(3)-01  
Attribution - functional statement/objective & F01,F02,F03,F81-OS1.1,OS1.2  

CodeText

3) The storage of “single-trip” non-refillable cylinders (i.e. TC-39, TC-2P, and TC-2Q) with water capacities of more than 375 g and less than 1.13 kg located within mercantile occupancies shall conform to gas regulations made pursuant to the Safety Codes Act.

Application

A1. Storage of single-trip non-refillable cylinders (i.e. TC-39, TC-2P and TC-2Q) with water capacities of more than 375 g and less than 1.13 kg located within mercantile occupancies.

This applies to mercantile occupancies or parts of mercantile occupancies used for the short term or long term storage of cylinders of Class 2.1 flammable gases when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Intent

I1. To limit the probability that liquefied petroleum gases will cause or be involved in a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.8.3.(1)-01
Attribution - functional statement/objective F03-OP1.2

CodeText

1) Cylinders of Class 2.3 toxic or corrosive gases or Class 2.2 (5.1) oxidizing gases stored indoors shall be located in a room that
   a) is separated from the remainder of the building by gas-tight fire separations having a fire-resistance rating of at least 1 h,
   b) is located on an exterior wall,
   c) can be entered from the exterior, and whose closures leading to the interior of the building are
   i) equipped with self-closing devices that keep the closures closed when not in use, and
   ii) constructed so as to prevent the migration of gases from the room into other parts of the building,
   and
   d) is provided with ventilation to the outdoors.

Application

A1. Minimum fire-resistance rating of fire separations that separate rooms used for the [indoor] storage of cylinders of Class 2.3 poisonous gases, Class 2.4 corrosive gases, or Class 2.2 (5.1) oxidizing gases from the remainder of the building.

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.3 poisonous gases, Class 2.4 corrosive gases, or Class 2.2 (5.1) oxidizing gases, when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
   except as stated in
   - Sentence 3.1.1.4.(1), which applies to
   - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
   - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
   - Subsection 3.2.5., which applies to the indoor storage of aerosol products.

Intent

I1. To limit the probability that a fire in the storage room involving the gas cylinders will spread to other parts of the building, which could lead to damage to the building.

I2. To limit the probability that a fire outside of the room will spread to the room and involve the gas cylinders, which could lead to the unwanted release of gas, which could lead to the further spread of fire or impairment of firefighting operations, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum fire-resistance rating of fire separations that separate rooms used for the storage of cylinders of Class 2.3 poisonous gases, Class 2.4 corrosive gases, or Class 2.2 (5.1) oxidizing gases from the remainder of the building.

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.3 poisonous gases, Class 2.4 corrosive gases, or Class 2.2 (5.1) oxidizing gases, when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Subsection 3.2.5., which applies to the indoor storage of aerosol products.

I1. To limit the probability that a fire in the storage room involving the gas cylinders will spread to other parts of the building, which could lead to harm to persons.

I2. To limit the probability that a fire outside of the room will spread to the room and involve the gas cylinders, which could lead to the unwanted release of gas, which could lead to the further spread of fire or impairment of firefighting operations, which could lead to harm to persons, including emergency responders.
1. Gas-tightness of fire separations that separate rooms used for the storage of cylinders of Class 2.3 toxic or corrosive gases or Class 2.2 (5.1) oxidizing gases stored indoors shall be located in a room that
   a) is separated from the remainder of the building by gas-tight fire separations having a fire-resistance rating of at least 1 h,
   b) is located on an exterior wall,
   c) can be entered from the exterior, and whose closures leading to the interior of the building are
      i) equipped with self-closing devices that keep the closures closed when not in use, and
      ii) constructed so as to prevent the migration of gases from the room into other parts of the building, and
   d) is provided with ventilation to the outdoors.

Application
A1. Gas-tightness of fire separations that separate rooms used for the storage of cylinders of Class 2.3 poisonous gases, Class 2.4 corrosive gases, or Class 2.2 (5.1) oxidizing gases from the remainder of the building.

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.3 poisonous gases, Class 2.4 corrosive gases, or Class 2.2 (5.1) oxidizing gases, when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in
   - Sentence 3.1.1.4.(1), which applies to
     - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
   - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
   - Subsection 3.2.5., which applies to the indoor storage of aerosol products.

Intent
I1. To limit the probability that a gas leak in the storage room will migrate to other parts of the building, which could lead to
   - the further spread of fire or impairment of firefighting operations, which could lead to harm to persons, including emergency responders, and
   - an adverse reaction with incompatible products, which could lead to a fire or explosion outside of the storage room, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Access from the exterior of the building into rooms used for the storage of cylinders of Class 2.3 toxic or corrosive gases, or Class 2.2 (5.1) oxidizing gases.

A2. Closures leading to the interior of the building from rooms used for the storage of cylinders of Class 2.3 toxic or corrosive gases, or Class 2.2 (5.1) oxidizing gases. This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.3 toxic or corrosive gases or Class 2.2 (5.1) oxidizing gases, when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Subsection 3.2.5., which applies to the indoor storage of aerosol products.

Application
A1. Access from the exterior of the building into rooms used for the storage of cylinders of Class 2.3 toxic or corrosive gases, or Class 2.2 (5.1) oxidizing gases.

A2. Closures leading to the interior of the building from rooms used for the storage of cylinders of Class 2.3 toxic or corrosive gases, or Class 2.2 (5.1) oxidizing gases. This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.3 toxic or corrosive gases or Class 2.2 (5.1) oxidizing gases, when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Subsection 3.2.5., which applies to the indoor storage of aerosol products.

Intent
I1. To limit the probability that there will be a delay in controlling a gas leak inside the storage room, or removing gas cylinders from the room in the event of a fire in an adjacent part of the building.

This is to limit the probability of a fire or explosion involving the gases, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that a gas leak in the storage room will migrate to other parts of the building, which could lead to ignition of the gas, which could lead to a fire or explosion outside of the storage room, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.8.3.(1)-05
Attribution - functional statement/objective F12-OS1.2 and F01-OS1.1

**CodeText**

1) Cylinders of Class 2.3 toxic or corrosive gases or Class 2.2 (5.1) oxidizing gases stored indoors shall be located in a room that
   a) is separated from the remainder of the building by gas-tight fire separations having a fire-resistance rating of at least 1 h,
   b) is located on an exterior wall,
   c) can be entered from the exterior, and whose closures leading to the interior of the building are
      i) equipped with self-closing devices that keep the closures closed when not in use, and
      ii) constructed so as to prevent the migration of gases from the room into other parts of the building,
   d) is provided with ventilation to the outdoors.

**Application**

A1. Location of rooms used for the storage of cylinders of Class 2.3 poisonous gases, Class 2.4 corrosive gases, or Class 2.2 (5.1) oxidizing gases.

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.3 poisonous, Class 2.4 corrosive or Class 2.2 (5.1) oxidizing gases, when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in
   - Sentence 3.1.1.4.(1), which applies to
     - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
     - facilities operated by manufacturers or distributors handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a) of Class 2 gases, and
   - Subsection 3.2.5., which applies to the indoor storage of aerosol products.

**Intent**

I1. To facilitate the construction of the following safety features for the gas storage room:
   - firefighter access from the outside as required in Clause 3.2.8.3.(1)(c), and
   - exhaust ventilation to the outside as required in Clause 3.2.8.3.(1)(d).

This is to limit the probability that
   - emergency response operations will be delayed or inefficient, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders, and
   - gases will accumulate, which could lead to their ignition from a nearby ignition source, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Exhaust ventilation of rooms used for the storage of cylinders of Class 2.3 poisonous gases, Class 2.4 corrosive gases, or Class 2.2 (5.1) oxidizing gases. This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.3 poisonous gases, Class 2.4 corrosive gases, or Class 2.2 (5.1) oxidizing gases, when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
- Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Subsection 3.2.5., which applies to the indoor storage of aerosol products.

Application

A1. Exhaust ventilation of rooms used for the storage of cylinders of Class 2.3 poisonous gases, Class 2.4 corrosive gases, or Class 2.2 (5.1) oxidizing gases.

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.3 poisonous gases, Class 2.4 corrosive gases, or Class 2.2 (5.1) oxidizing gases, when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Intent

II. To limit the probability that a gas leak in the storage room will migrate to other parts of the building, which could lead to
- the further spread of fire or impairment of firefighting operations, which could lead to harm to persons, including emergency responders, and
- an adverse reaction with incompatible products, which could lead to a fire or explosion outside of the storage room, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Prohibition of the storage of cylinders of Class 2.3 poisonous, Class 2.4 corrosive or Class 2.2 (5.1) oxidizing gases in rooms containing combustible materials.

This applies to buildings or parts of buildings used for the short term or long term storage of cylinders of Class 2.3 poisonous, Class 2.4 corrosive or Class 2.2 (5.1) oxidizing gases, when stored in single fire compartments in quantities greater than those shown in Table 3.2.7.1., whether raw or waste materials, goods in process, or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to:
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Subsection 3.2.5., which applies to the indoor storage of aerosol products.

I1. To limit the probability that the combustible materials will be the source of ignition or will contribute to the spread of fire, which could lead to a fire involving the gas cylinders, which could lead to the unwanted release of gas, which could lead to the further spread of fire or impairment of firefighting operations, which could lead to harm to persons, including emergency responders.

I2. To supersede the separation requirements stated in Sentences 3.2.7.6.(1) and 3.2.7.17.(1) and prohibit the combination of Class 2.3 poisonous, Class 2.4 corrosive or Class 2.2 (5.1) oxidizing gases with any combustible product or combustible dangerous goods in the same room.
Application and intent of Division B provisions

CodeReference (including record number)  3.2.9.1.(1)-01
Attribution - functional statement/objective  Not applicable

Application

1) This Subsection shall apply to the storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1 000 kg inside buildings. (See Appendix A.)

Intent

1) To state the application of Subsection 3.2.9.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1,000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

3.2.3. The requirements of Subsection 3.2.3. regarding Class II commodities shall also apply to bagged storage of Class 5.1 ammonium nitrate. (See A-3.2.1.1.(1)(a) in Appendix A.)

I1. To clarify that Subsection 3.2.3. also applies to the storage of Class 5.1 ammonium nitrate.
Application and intent of Division B provisions

CodeReference (including record number) 3.2.9.2.(1)-01
Attribution - functional statement/objective Not applicable

CodeText

1) Buildings intended for the storage of ammonium nitrate shall be classified as medium-hazard industrial occupancies (Group F, Division 2).

Application

A1. Classification of buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

i1. To clarify the classification of buildings used for the storage of ammonium nitrate.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum building height of buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1 000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Application

2) Buildings intended for the storage of ammonium nitrate shall not be more than one storey in building height.

Intent

I1. To limit the probability of the excessive accumulation of ammonium nitrate decomposition gases, which could lead to an explosion, which could lead to damage to the building or facility.

I2. To limit the probability that buildings of excessive height will lead to delays in accessing the roof to carry out firefighting operations, which could lead to the spread of fire to other parts of the building, which could lead to damage to the building or facility.

I3. To limit the probability that a storey above the storage area will collapse during a fire, which could lead to the introduction of pressure necessary to lead to an explosion, which could lead to damage to the building or facility.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Maximum building height of buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1 000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability of the excessive accumulation of ammonium nitrate decomposition gases, which could lead to an explosion, which could lead to harm to persons.

I2. To limit the probability that buildings of excessive height will lead to delays in accessing the roof to carry out firefighting operations, which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.

I3. To limit the probability that an explosion of the ammonium nitrate will lead to harm to persons on other storeys.

I4. To limit the probability that a storey above the storage area will collapse during a fire, which could lead to the introduction of pressure necessary to lead to an explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.9.2.(3)-01
Attribution - functional statement/objective F03-OP1.2 and F01-OP1.1

CodeText

3) Buildings intended for the storage of ammonium nitrate shall not
a) have basements or crawl spaces, or
b) contain open floor drains, tunnels, elevator pits or other pockets that might trap molten ammonium nitrate.

Application

A1. Prohibition of basements, crawl spaces, floor drains, tunnels, elevator pits or other pockets that might trap molten ammonium nitrate.

This applies to buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1 000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that, in a fire situation, molten ammonium nitrate will pool [in a basement, crawl space, floor drain, tunnel, elevator pit or other pocket], which could lead to the spread of fire, which could lead to damage to the building.

I2. To limit the probability that, in a fire situation, molten ammonium nitrate will be trapped in a floor drain or similar space that may contain contaminants that will sensitize the ammonium nitrate, which could lead to a fire or explosion, which could lead to damage to the building.
CodeText

3) Buildings intended for the storage of ammonium nitrate shall not
a) have basements or crawl spaces, or
b) contain open floor drains, tunnels, elevator pits or other pockets that might trap molten ammonium nitrate.

Application

A1. Prohibition of basements, crawl spaces, floor drains, tunnels, elevator pits or other pockets that might trap molten ammonium nitrate.

This applies to buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1 000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that, in a fire situation, molten ammonium nitrate will pool [in a basement, crawl space, floor drain, tunnel, elevator pit or other pocket], which could lead to the spread of fire, which could lead to harm to persons.

I2. To limit the probability that, in a fire situation, molten ammonium nitrate will be trapped in confined spaces where pressure can build up, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.

I3. To limit the probability that, in a fire situation, molten ammonium nitrate will be trapped in a floor drain or similar space that may contain contaminants that will sensitize the ammonium nitrate, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Minimum vent area per square metre of storage area, in buildings where ammonium nitrate is stored.

This applies to buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that smoke and toxic gases will accumulate in a fire situation, which could lead to delays or inefficiencies in emergency response operations (e.g. poor visibility), which could lead to the spread of fire to other parts of the building, which could lead to damage to the building.

I2. To supersede the general venting requirement stated in Sentence 3.2.7.10.(1).
Application and intent of Division B provisions

Application

4) Buildings intended for the storage of ammonium nitrate shall have not less than 0.007 m² of vent area for each square metre of storage area, unless mechanical ventilation is provided.

Intent

I1. To limit the probability that smoke and gases will accumulate in a fire situation, which could lead to delays or inefficiencies in emergency response operations (e.g., poor visibility), which could lead to the spread of fire to other parts of the building, which could lead to harm to persons, including emergency responders.

I2. To supersede the general venting requirement stated in Sentence 3.2.7.10.(1).
5) All flooring in storage areas shall be constructed of noncombustible materials.

Application

A1. Flooring material used in areas where ammonium nitrate is stored.

This applies to buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that spilled ammonium nitrate will be absorbed into the floor, which could lead to an adverse reaction with the flooring materials or with other dangerous goods that have been absorbed into the floor, which could lead to a fire or explosion, which could lead to harm to persons.

I2. To limit the probability that the flooring material will lead to the spread of fire, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.9.2.(5)-02
Attribution - functional statement/objective F43-OS3.4

CodeText

5) All flooring in storage areas shall be constructed of noncombustible materials.

Application

A1. Flooring material used in areas where ammonium nitrate is stored.

This applies to **buildings** or parts of **buildings** used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high **rack** storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that spilled ammonium nitrate will be absorbed into the floor, which could lead to an adverse reaction with the flooring materials or with other dangerous goods that have been absorbed into the floor, which could lead to harm to persons.
Application and intent of Division B provisions

**CodeReference** (including record number)  3.2.9.2.(5)-03
**Attribution - functional statement/objective**  F44-OH5

**CodeText**
5) All flooring in storage areas shall be constructed of noncombustible materials.

**Application**

A1. Flooring material used in areas where ammonium nitrate is stored.

This applies to buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

**Intent**

I1. To limit the probability that spilled ammonium nitrate will be absorbed into the floor, which could lead to the seepage of the ammonium nitrate from the flooring material, which could lead to harm to the public.

I2. To limit the probability that spilled ammonium nitrate will be absorbed into the floor, which could lead to harm to the public once the contaminated flooring material is disposed of.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Design of buildings where bulk ammonium nitrate is stored, with respect to preventing contact between the ammonium nitrate and certain building materials that:
   - will cause the ammonium nitrate to become unstable,
   - may corrode or deteriorate by reason of contact with the ammonium nitrate, or
   - will become impregnated with the ammonium nitrate.

This applies to buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

1. To limit the probability that ammonium nitrate will come into contact with materials with which it is incompatible, which could lead to the decomposition of the ammonium nitrate, which could lead to the ammonium nitrate becoming unstable or reactive, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Spatial separation and exposure protection in buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To expand the application of the Alberta Building Code 2006 to existing buildings used for the storage of ammonium nitrate, with regard to the incorporation of spatial separation and exposure protection.

CodeReference (including record number) 3.2.9.2.(7)-01
Attribution - functional statement/objective Not applicable

Buildings used for the storage of ammonium nitrate shall incorporate spatial separation and exposure protection in conformance with Subsection 3.2.3. of Division B of the Alberta Building Code 2006. (See Appendix A.)
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.9.3.(1)-01
Attribution - functional statement/objective F01,F81-OS1.1

**CodeText**

1) In addition to the requirements of Subsection 3.1.3., industrial trucks used or stored within buildings where ammonium nitrate is also stored shall be maintained so that fuels or hydraulic fluids do not contaminate the ammonium nitrate. (See Appendix A.)

**Application**

A1. Industrial trucks used or stored within buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception: except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

**Intent**

I1. To limit the probability that ammonium nitrate will come into contact with materials with which it is incompatible, which could lead to the decomposition of the ammonium nitrate, which could lead to the ammonium nitrate becoming unstable or reactive, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.2.9.3.(2)-01
Attribution - functional statement/objective  F01,F81-OS1.1

CodeText
2) Fuel-dispensing operations shall not be carried out in buildings where ammonium nitrate is stored.

Application
A1. Fuelling of industrial trucks within buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent
II. To limit the probability that ammonium nitrate will come into contact with materials with which it is incompatible, which could lead to the decomposition of the ammonium nitrate, which could lead to the ammonium nitrate becoming unstable or reactive, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Location of fuel-fired industrial trucks, where such trucks are parked in buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1,000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire involving the parked industrial trucks will spread to the storage area, which could lead to a fire or explosion involving the ammonium nitrate, which could lead to damage to the building.

I2. To limit the probability that ammonium nitrate will come into contact with ignition sources [e.g. hot parts] from parked industrial trucks, which could lead to a fire or explosion involving the ammonium nitrate, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Location of fuel-fired industrial trucks, where such trucks are parked in buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1 000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that a fire involving the parked industrial trucks will spread to the storage area, which could lead to a fire or explosion involving the ammonium nitrate, which could lead to harm to persons.

I2. To limit the probability that ammonium nitrate will come into contact with ignition sources [e.g. hot parts] from parked industrial trucks, which could lead to a fire or explosion involving the ammonium nitrate, which could lead to harm to persons.

I3. To limit the probability of contact between ammonium nitrate decomposition gases and exhaust gases [e.g. carbon monoxide] from internal combustion engines, which could lead to the ammonium nitrate catching fire or exploding, which could lead to harm to persons.
Application and intent of Division B provisions

**Alberta Fire Code 2006**

<table>
<thead>
<tr>
<th>CodeReference</th>
<th>Attribution - functional statement/objective</th>
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<td>3.2.9.3.(4)-01</td>
<td>F01-OS1.1</td>
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</tbody>
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**CodeText**

4) Industrial trucks used for the transportation of ammonium nitrate shall be cleaned of remaining material following use.

**Application**


This applies to buildings or parts of buildings used for the short term or long term storage storage of Class 5.1 ammonium nitrate mixtures that contain 60% or more by weight of ammonium nitrate in quantities exceeding 1 000 kg, whether raw or waste materials, goods in process, or finished goods.

**Intent**

I1. To limit the probability that ammonium nitrate will come into contact with incompatible materials, which could lead to the decomposition of the ammonium nitrate, which could lead to the ammonium nitrate becoming unstable or reactive, which could lead to a fire or explosion, which could lead to harm to persons.

I2. To limit the probability that ammonium nitrate will come into contact with ignition sources [e.g. hot parts] from parked industrial trucks, which could lead to a fire or explosion involving the ammonium nitrate, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Type and minimum rating of portable extinguishers in buildings or parts of buildings used for the short term or long term storage of Class 5.1 ammonium nitrate mixtures in quantities exceeding 1000 kg, whether raw or waste materials, goods in process, or finished goods.

Exception:
except as stated in Sentence 3.2.1.1.(2), which applies to high rack storage warehouses with storage heights greater than 13 m.

Intent

I1. To limit the probability that portable extinguishers will not be appropriate for the type of fire hazard present, which could lead to the extinguishers being ineffective in suppressing or controlling a fire, which could lead to the spread of fire beyond the point of origin, which could lead to harm to persons.
Application and intent of Division B provisions

CodeReference (including record number) 3.2.10.1.(1)-01
Attribution - functional statement/objective Not applicable

CodeText
1) Except as permitted in Sentence (2), this Subsection shall apply to the indoor storage of fireworks.

Application
A.1. Indoor storage of fireworks.

Exception: except as stated in Sentence 3.2.10.1.(2), which applies to the storage of fireworks used as distress flares.

Intent
I.1. To state the application of Subsection 3.2.10.
Application and intent of Division B provisions

**CodeReference** (including record number) 3.2.10.1,(2)-01

**Attribution - functional statement/objective** Not applicable

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### CodeText

2) This Subsection shall not apply to the storage of fireworks commonly used as distress flares.

### Application

A1. Indoor storage of fireworks used as distress flares.

### Intent

I1. To exempt indoor storage of fireworks used as distress flares from the application of Subsection 3.2.10.
Application and intent of Division B provisions

Alberta Fire Code 2006

**A1. Prohibition on the storage of fireworks in a dwelling unit.**

Exception: except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

**Application**

A1. Prohibition on the storage of *fireworks* in a *dwelling unit*.

Exception: except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of *fireworks* used as distress flares.

**Intent**

I1. To reduce the probability that high-hazard fireworks could be ignited, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Prohibition on the storage of fireworks in a dwelling unit.

Exception: except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent
I1. To limit the probability that high-hazard fireworks could be ignited, which could lead to a fire or explosion, which could lead to damage to the building.
### Alberta Fire Code 2006

<table>
<thead>
<tr>
<th>CodeReference (including record number)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>3.2.10.2.(2)-01</td>
<td>F02–OS1.2</td>
</tr>
</tbody>
</table>

#### CodeText

2) Not more than 10 kg gross weight of low-hazard fireworks obtained in accordance with Part 5 shall be stored in a **dwelling unit**.

#### Application

A1. Maximum quantity of low-hazard fireworks that can be stored in a **dwelling unit**.

Exception:

except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

#### Intent

I1. To reduce the probability that an excessive quantity of low-hazard fireworks could be ignited, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Application

A1. Maximum quantity of low-hazard fireworks that can be stored in a dwelling unit.

Exception: except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent

I1. To limit the probability that an excessive quantity of low-hazard fireworks could be ignited, which could lead to a fire or explosion, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 3.2.10.2.(2)-02
Attribution - functional statement/objective F02–OP1.2

CodeText

2) Not more than 10 kg gross weight of low-hazard fireworks obtained in accordance with Part 5 shall be stored in a dwelling unit.
Application and intent of Division B provisions

CodeReference (including record number) 3.2.10.2.(3)-01
Attribution - functional statement/objective F01,F02,F03–OS1.1,OS1.2

CodeText
3) If low-hazard fireworks are stored in a dwelling unit they shall be stored
   a) in a secure container,
   b) in a cool, dry area, and
   c) away from
   i) an open flame,
   ii) excessive heat, or
   iii) spark-producing equipment or tools.

Application
A1. Storage of low-hazard fireworks in a dwelling unit
   - in a secure container,
   - in a cool, dry area, and
   - away from
     - an open flame,
     - excessive heat, or
     - spark-producing equipment or tools.

Exception:
except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent
I1. To limit the probability that fireworks could be ignited by an open flame, excessive heat, or a spark, which could lead to fire or explosion, which could lead to harm to persons.

I2. To limit the probability that ignited fireworks could lead to fire or explosion, which could lead to the spread of fire, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference 3.2.10.2,(3)-02
Attribution - functional statement/objective F01,F02,F03–OP1.1,OP1.2

CodeText
3) If low-hazard fireworks are stored in a dwelling unit they shall be stored
   a) in a secure container,
   b) in a cool, dry area, and
   c) away from
      i) an open flame,
      ii) excessive heat, or
      iii) spark-producing equipment or tools.

Application
A1. Storage of low-hazard fireworks in a dwelling unit in
   - in a secure container,
   - in a cool, dry area, and
   - away from
     - an open flame,
     - excessive heat, or
     - spark-producing equipment or tools.

Exception:
except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent
I1. To limit the probability that fireworks could be ignited by an open flame, excessive heat, or a spark, which could lead to fire or explosion, which could lead to damage to the building.

I2. To limit the probability that ignited fireworks could lead to fire or explosion, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

**CodeReference** (including record number) 3.2.10.3.(1)-01
**Attribution - functional statement/objective** F01–OS1.1

**CodeText**

1) Smoking, open-flame devices or spark-producing equipment shall not be permitted in any place, site or **building** used for the sale, storage or retail display of **fireworks**.

**Application**

A1. Prohibition of smoking, open-flame devices or spark-producing equipment in any place, site, or **building** used for the sale, storage or retail display of **fireworks**.

Exception:

except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of **fireworks** used as distress flares.

**Intent**

11. To limit the probability that fireworks could be ignited by an open flame, excessive heat, or a spark, which could lead to fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.10.3.(1)-02
Attribution - functional statement/objective F01–OP1.1

CodeText
1) Smoking, open-flame devices or spark-producing equipment shall not be permitted in any place, site or building used for the sale, storage or retail display of fireworks.

Application
A1. Prohibition of smoking, open-flame devices or spark-producing equipment in any place, site, or building used for the sale, storage or retail display of fireworks.

Exception:
except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent
I1. To limit the probability that fireworks could be ignited by an open flame, excessive heat, or a spark, which could lead to fire or explosion, which could lead to damage to the building.
Application and intent of Division B provisions

CodeReference (including record number) 3.2.10.3.(2)-01
Attribution - functional statement/objective F01–OS1.1

CodeText
2) Signs reading “FIREWORKS - NO SMOKING or OPEN FLAME” in letters at least 100 mm high shall be posted in locations acceptable to the fire department in areas described in Sentence (1).

Application
A1. Signs to designate areas in which fireworks are sold, stored or displayed.

Exception:
except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent
I1. To limit the probability that persons would be unaware of the presence of fireworks, which could lead to unsafe conditions or behaviour, which could lead to ignition of the fireworks by an open flame or by smoking materials, which could lead to fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.2.10.3,(2)-02
Attribution - functional statement/objective  F01–OP1.1

CodeText

  2) Signs reading “FIREWORKS - NO SMOKING or OPEN FLAME” in letters at least 100 mm high shall be posted in locations acceptable to the fire department in areas described in Sentence (1).

Application

A1. Signs to designate areas in which fireworks are sold, stored or displayed.

Exception: except as stated in Sentence 3.2.10.1,(2), which applies to the indoor storage of fireworks used as distress flares.

Intent

I1. To limit the probability that persons would be unaware of the presence of fireworks, which could lead to unsafe conditions or behaviour, which could lead to ignition of the fireworks by an open flame or by smoking materials, which could lead to fire or explosion, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Restrictions on the storage or display of fireworks in a building or place that is not acceptable to the fire department.

Exception: except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent

I1. To limit the probability that persons would store or display fireworks in a building that includes features or equipment that is not conducive to the safe handling of fireworks, which could lead to unsafe conditions, which could lead to ignition of the fireworks, which could lead to fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Restrictions on the storage or display of fireworks in a building or place that is not acceptable to the fire department.

Exception: except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Application

A1. Restrictions on the storage or display of fireworks in a building or place that is not acceptable to the fire department.

Exception: except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent

I1. To limit the probability that persons would store or display fireworks in a building that includes features or equipment that is not conducive to the safe handling of fireworks, which could lead to unsafe conditions, which could lead to ignition of the fireworks, which could lead to fire or explosion, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.10.4.(2)-01
Attribution - functional statement/objective F02-OS1.2

CodeText

2) Explosives, other than small arms ammunition, shall not be stored in the same building in which fireworks are stored.

Application

A1. Prohibition on the storage of explosives and fireworks in the same building.

Exception:
except as stated in
- Sentence 3.2.10.4.(2), which applies to the storage of small arms ammunition with fireworks,
- Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent

I1. To limit the probability that persons would store both explosives and fireworks in the same building, which could lead to unsafe conditions, which could lead to detonation of the explosives following ignition of the fireworks, which could lead to fire or explosion, which could lead to harm to persons.
Prohibition on the storage of explosives and fireworks in the same building.

Exception:
- Sentence 3.2.10.4.(2), which applies to storage of small arms ammunition with fireworks,
- Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent
I1. To limit the probability that persons would store both explosives and fireworks in the same building, which could lead to unsafe conditions, which could lead to detonation of the explosives following ignition of the fireworks, which could lead to fire or explosion, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.10.4.(2)-03
Attribution - functional statement/objective Not applicable

CodeText

2) Explosives, other than small arms ammunition, shall not be stored in the same building in which fireworks are stored.

Application

A1. The storage of small arms ammunition and fireworks in the same building.

This applies to the phrase "other than small arms ammunition".

Exception:

except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent

I1. To exclude small arms ammunition from the restrictions of Sentence 3.2.10.4.(2) with respect to their storage in a building with fireworks.
Application and intent of Division B provisions

A1. Display of low-hazard fireworks in:
- lots that do not exceed 25 kg each gross weight,
- a package, glass case or other suitable receptacle away from flammable or combustible substances, and
- in a place that is not exposed to direct or refracted sunlight or excessive heat.

Exceptions:
- except as stated in Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares,
- Sentence 3.2.10.4.(2), which applies to the storage of small arms ammunition with fireworks,
- Sentence 3.2.10.5.(2), which applies to quantities of low-hazard fireworks exceeding 25 kg gross weight but not exceeding 100 kg gross weight, and
- Sentence 3.2.10.5.(3), which applies to quantities of low-hazard fireworks that exceed 100 kg gross weight.

Application

A1. Display of low-hazard fireworks in:
- lots that do not exceed 25 kg each gross weight,
- a package, glass case or other suitable receptacle away from flammable or combustible substances, and
- in a place that is not exposed to direct or refracted sunlight or excessive heat.

Intent

I1. To limit the probability that an excessive quantity of low-hazard fireworks could be ignited, which could cause an explosion, which could lead to harm to persons.

I2. To limit the probability that an excessive quantity of low-hazard fireworks could be ignited, which could lead to a fire, which could lead to the spread of fire, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.10.5(1)-02
Attribution - functional statement/objective F01,F02-OP1.1,OP1.2

CodeText

1) Low-hazard fireworks that are displayed for sale shall be
   a) in lots that do not exceed 25 kg each gross weight,
   b) in a package, glass case or other suitable receptacle away from flammable or combustible substances, and
   c) in a place that is not exposed to direct or refracted sunlight or excessive heat.

Application

A1. Display of low-hazard fireworks in
   - lots that do not exceed 25 kg each gross weight,
   - a package, glass case or other suitable receptacle away from flammable or combustible substances, and
   - in a place that is not exposed to direct or refracted sunlight or excessive heat.

Exceptions;
   except as stated in
   - Sentence 3.2.10.1(2), which applies to the indoor storage of fireworks used as distress flares,
   - Sentence 3.2.10.4(2), which applies to the storage of small arms ammunition with fireworks,
   - Sentence 3.2.10.5(2), which applies to quantities of low-hazard fireworks exceeding 25 kg gross weight but not exceeding 100 kg gross weight. and
   - Sentence 3.2.10.5(3), which applies to quantities of low-hazard fireworks that exceed 100 kg gross weight.

Intent

I1. To limit the probability that an excessive quantity of low-hazard fireworks could be ignited, which could cause an explosion, which could lead to damage to the building.

I2. To limit the probability that an excessive quantity of low-hazard fireworks could be ignited, which could lead to a fire, which could lead to the spread of fire, which could lead to damage to the building.
## Application and intent of Division B provisions

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<td>3.2.10.5.(2)-01</td>
<td>F02–OS1.2</td>
</tr>
</tbody>
</table>

### CodeText

2) Where low-hazard fireworks that exceed 25 kg gross weight are stored, they shall be in a container meeting the requirements of the “Explosives Act” and its Regulations, published by Natural Resources Canada.

### Application


Exception:
- except as stated in
  - Sentence 3.2.10.5.(3), which applies to the storage of low-hazard fireworks in quantities greater than 100 kg,
  - Sentence 3.2.10.4.(2), which applies to the storage of small arms ammunition with fireworks,
  - Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

### Intent

I1. To limit the probability that low-hazard fireworks would not be sufficiently isolated from contact with flames and other sources of ignition, which could lead to ignition of the low-hazard fireworks, which could lead to fire or explosion, which could lead to the spread of fire, which could lead to harm to persons.
Application and intent of Division B provisions

CodeReference  (including record number)  3.2.10.5.(2)-02
Attribution - functional statement/objective  F02–OP1.2

CodeText

2) Where low-hazard fireworks that exceed 25 kg gross weight are stored, they shall be in a container meeting the requirements of the “Explosives Act” and its Regulations, published by Natural Resources Canada.

Application


Exception:
except as stated in
- Sentence 3.2.10.5.(3), which applies to the storage of low-hazard fireworks in quantities greater than 100 kg,
- Sentence 3.2.10.4.(2), which applies to the storage of small arms ammunition with fireworks,
- Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent

I1. To limit the probability that low-hazard fireworks would not be sufficiently isolated from contact with flames and other sources of ignition, which could lead to ignition of the low-hazard fireworks, which could lead to fire or explosion, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 3.2.10.5.(3)-01
Attribution - functional statement/objective F02–OS1.2

CodeText

3) Where low-hazard fireworks that exceed 100 kg gross weight are stored, they shall be stored in a separate store or warehouse meeting the requirements of the “Explosives Act” and its Regulations, published by Natural Resources Canada.

Application

A1. Storage in separate stores or warehouses of low-hazard fireworks in quantities that exceed 100 kg gross weight.

Exception: except as stated in
- Sentence 3.2.10.4.(2), which applies to the storage of small arms ammunition with fireworks,
- Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent

I1. To limit the probability that low-hazard fireworks would not be sufficiently isolated from other stored materials, which could lead to ignition of the low-hazard fireworks from a fire involving the other stored materials, which could lead to fire or explosion, which could lead to the spread of fire, which could lead to harm to persons.
A1. Storage in separate stores or warehouses of low-hazard fireworks in quantities that exceed 100 kg gross weight.

Exception: except as stated in
- Sentence 3.2.10.4.(2), which applies to the storage of small arms ammunition with fireworks,
- Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent
I1. To limit the probability that low-hazard fireworks would not be sufficiently isolated from other stored materials, which could lead to ignition of the low-hazard fireworks from a fire involving the other stored materials, which could lead to fire or explosion, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference: (including record number) 3.2.10.6.(1)-01
Attribution - functional statement/objective: F02–OS1.2

Application

A1. Storage in containers of high-hazard fireworks in quantities that exceed 25 kg gross weight.

Exception:
except as stated in
- Sentence 3.2.10.6.(3), which applies to the storage of high-hazard fireworks obtained for immediate use,
- Sentence 3.2.10.6.(2), which applies to the storage of high-hazard fireworks in quantities greater than 125 kg,
- Sentence 3.2.10.4.(2), which applies to the storage of small arms ammunition with fireworks,
- Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent

I1. To limit the probability that high-hazard fireworks would not be sufficiently isolated from contact with flames and other sources of ignition, which could lead to ignition of the high-hazard fireworks, which could lead to fire or explosion, which could lead to the spread of fire, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.10.6.(1)-02
Attribution - functional statement/objective F02–OP1.2

CodeText

1) Where high-hazard fireworks that exceed 25 kg gross weight are stored, they shall be stored in a container meeting the requirements of the “Explosives Act” and its Regulations, published by Natural Resources Canada.

Application

A1. Storage in containers of high-hazard fireworks in quantities that exceed 25 kg gross weight.

Exception: except as stated in
- Sentence 3.2.10.6.(3), which applies to the storage of high-hazard fireworks obtained for immediate use,
- Sentence 3.2.10.5.(3), which applies to the storage of fireworks in quantities greater than 100 kg,
- Sentence 3.2.10.4.(2), which applies to storage of small arms ammunition with fireworks,
- Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent

I1. To limit the probability that high-hazard fireworks would not be sufficiently isolated from contact with flames and other sources of ignition, which could lead to ignition of the high-hazard fireworks, which could lead to fire or explosion, which could lead to the spread of fire, which could lead to damage to the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.2.10.6.(2)-01
Attribution - functional statement/objective F02–OS1.2

CodeText

2) Where high-hazard fireworks that exceed 125 kg gross weight are stored, they shall be in a separate store or warehouse meeting the requirements of the "Explosives Act" and its Regulations, published by Natural Resources Canada.

Application

A1. Storage in separate stores or warehouses of high-hazard fireworks in quantities that exceed 125 kg gross weight.

Exception:
except as stated in
- Sentence 3.2.10.6.(3), which applies to the storage of high-hazard fireworks obtained for immediate use,
- Sentence 3.2.10.4.(2), which applies to the storage of small arms ammunition with fireworks,
- Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent

II. To limit the probability that high-hazard fireworks would not be sufficiently isolated from other stored materials, which could lead to ignition of the high-hazard fireworks from a fire involving the other stored materials, which could lead to fire or explosion, which could lead to the spread of fire, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Storage in separate stores or warehouses of high-hazard fireworks in quantities that exceed 125 kg gross weight.

Exception:
- Sentence 3.2.10.6.(3), which applies to the storage of high-hazard fireworks obtained for immediate use,
- Sentence 3.2.10.4.(2), which applies to storage of small arms ammunition with fireworks,
- Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Application

A1. Storage in separate stores or warehouses of high-hazard fireworks in quantities that exceed 125 kg gross weight.

Exception:
- Sentence 3.2.10.6.(3), which applies to the storage of high-hazard fireworks obtained for immediate use,
- Sentence 3.2.10.4.(2), which applies to storage of small arms ammunition with fireworks,
- Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

Intent

I1. To limit the probability that high-hazard fireworks would not be sufficiently isolated from other stored materials, which could lead to ignition of the high-hazard fireworks from a fire involving the other stored materials, which could lead to fire or explosion, which could lead to the spread of fire, which could lead to damage to the building.
3) **High-hazard fireworks** obtained for immediate use are permitted to be stored in quantities that exceed those specified in this Article if the storage place is
a) situated in a location acceptable to the fire department,
b) secured to prevent unauthorized entry,
c) clean and adequately ventilated,
d) not used for the storage of any other flammable, combustible or explosive substance, and
e) identified with conspicuously posted signs warning of the explosive contents and the danger from open flames, smoking and the use of spark-producing tools or other objects in the storage place.

Exception:
- except as stated in Sentence 3.2.10.4.(2), which applies to the storage of small arms ammunition with fireworks,
- Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Temporary storage of high-hazard fireworks obtained for immediate use.

This applies to a storage place that is
- situated in a location acceptable to the fire department,
- secured to prevent unauthorized entry,
- clean and adequately ventilated,
- not used for the storage of any other flammable, combustible or explosive substance, and
- identified with conspicuously posted signs warning of the explosive contents and the danger from open flames, smoking and the use of spark-producing tools or other objects in the storage place.

Exception:
- except as stated in Sentence 3.2.10.4.(2), which applies to storage of small arms ammunition with fireworks,
- Sentence 3.2.10.1.(2), which applies to the indoor storage of fireworks used as distress flares.

I1. To limit the probability that high-hazard fireworks in temporary storage
- would not be sufficiently isolated from other stored flammable, combustible or explosive substances,
- would be accessible to unauthorized persons,
- would be in a location subject to the accumulation of flammable or combustible gases,
- would not be identified to alert persons to the hazardous contents of the storage space, and
- would be in a location not acceptable to the fire department.

This is to limit the probability of ignition of the high-hazard fireworks from a fire involving other stored substances, which could lead to fire or explosion, which could lead to the spread of fire, which could lead to damage to the building.
1) Portable extinguishers shall be provided in all buildings and areas where fireworks are stored.

Application
A1. Provision of portable extinguishers in buildings and areas where fireworks are stored.

Intent
II. To limit the probability that persons will not have the capability to suppress a fire, which could lead to the spread of fire beyond the point of origin, which could lead to harm to persons.
### Application and intent of Division B provisions

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<th>Attribution - functional statement/objective</th>
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<tr>
<td>3.2.10.7.(1)-02</td>
<td>F02–OP1.2</td>
</tr>
</tbody>
</table>

#### CodeText

1) Portable extinguishers shall be provided in all *buildings* and areas where *fireworks* are stored.

#### Application

A1. Provision of portable extinguishers in *buildings* and areas where *fireworks* are stored.

#### Intent

I1. To limit the probability that persons will not have the capability to suppress a fire, which could lead to the spread of fire beyond the point of origin, which could lead to damage to the building or facility.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material (see Appendix A),
- manufactured buildings (see Appendix A),
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers, as described in Subsection 3.3.4.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a) of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Part 4, which applies to flammable liquids and combustible liquids.

Application

A1. Short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- except as stated in
  - Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a) of Class 2 gases,
  - Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
  - Part 4, which applies to flammable liquids and combustible liquids.

Intent

II. To state the application of Section 3.3.
Application and intent of Division B provisions

A1. Products stored [outdoors] on the roof of a building.  [Clause 3.3.1.1.(2)(e)]

Intent

11. To exempt certain storage situations from the application of Section 3.3., on the basis that these situations are covered in the Alberta Building Code 2006 [mainly in Section 3.2. of Division B of the Alberta Building Code 2006 because roof storage is considered to be an occupancy within the building and the Alberta Building Code 2006 requires the roof to be treated as a floor assembly].
2) This Section shall not apply to
a) a site where the total storage area is not more than 100 m², except
   i) for distance requirements between stored products and a building, and
   ii) requirements for Class 2 gases in Subsection 3.3.5.,
   b) Class I and II commodities, as classified in Section 3.2.,
   c) intermodal shipping containers, except when containing dangerous goods (see Appendix A),
   d) buried products and landfill operations,
   e) products stored on the roof of a building,
   f) vehicles in parking areas or parking lots,
   g) logs and similar untreated forest products in ranked piles (see Appendix A), or
   h) bulk products, except as described in Clause (1)(d).

I1. To exempt certain situations from the application of Section 3.3., on the basis that these
situations are considered unique and should be dealt with by specific measures in conformance with
good engineering practice.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.1.1.(2)-03
Attribution - functional statement/objective Not applicable

CodeText

2) This Section shall not apply to
   a) a site where the total storage area is not more than 100 m², except
   i) for distance requirements between stored products and a building, and
   ii) requirements for Class 2 gases in Subsection 3.3.5.,
   b) Class I and II commodities, as classified in Section 3.2.,
   c) intermodal shipping containers, except when containing dangerous goods (see Appendix A),
   d) buried products and landfill operations,
   e) products stored on the roof of a building,
   f) vehicles in parking areas or parking lots,
   g) logs and similar untreated forest products in ranked piles (see Appendix A), or
   h) bulk products, except as described in Clause (1)(d).

Application

A1. Applies to [Clauses 3.3.1.1.(2)(a), (b), (c), (d), and (f)]
   - sites where the total storage area is not more than 100 m², except for distance requirements
     between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
   - Class I and II commodities, as classified in Section 3.2.,
   - intermodal shipping containers, except when containing dangerous goods,
   - buried products and landfill operations, and
   - vehicles in parking areas or parking lots.

Intent

I1. To exempt certain situations from the application of Section 3.3., on the basis that the situations
    present a low fire hazard and do not warrant specific fire safety measures.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.2.1.(1)-01
Attribution - functional statement/objective Not applicable

CodeText

1) Unless otherwise specified, this Subsection shall apply to the outdoor storage of any product covered in this Section.

Application

A1. Short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots.
- logs and similar untreated forest products in ranked piles, or
- bulk products, except as described in Clause 3.3.1.1.(1)(d),
- Part 4, which applies to flammable liquids and combustible liquids.

Exception:
except if superseded by more specific requirements in Subsections 3.3.3., 3.3.4., 3.3.5., and 3.3.6.

Intent

I1. To state the application of Subsection 3.3.2.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.2.1.(1)-02
Attribution - functional statement/objective Not applicable

CodeText
1) Unless otherwise specified, this Subsection shall apply to the outdoor storage of any product covered in this Section.

Application
A1. Short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d),
- Part 4, which applies to flammable liquids and combustible liquids.

Exception:
except if superseded by more specific requirements in Subsections 3.3.3., 3.3.4., 3.3.5., and 3.3.6.

Intent
I1. To clarify that, in cases of conflict, other provisions of the Alberta Fire Code 2006 in the more specific Subsections 3.3.3., 3.3.4., 3.3.5., and 3.3.6., and in Part 4, take precedence over the requirements of Subsection 3.3.2.
A1. Maximum permitted height of individual storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m$^2$, except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, and
- bulk products, except as described in Clause 3.3.1.1.(1)(d),
- Articles 3.3.3.2. and 3.3.4.2., which apply to the sizes and clearances of individual storage areas and the maximum height of dangerous goods, and
- Article 3.3.4.8., which applies to intermodal shipping containers.

I1. To limit the probability that the stored products will collapse prematurely in a fire situation, which could lead to the spread of fire across required aisles and clear spaces, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
A1. Maximum permitted height of individual storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, and
  - bulk products, except as described in Clause 3.3.1.1.(1)(d),
- Articles 3.3.3.2. and 3.3.4.2., which apply to the sizes and clearances of individual storage areas and the maximum height of dangerous goods, and
- Article 3.3.4.8., which applies to intermodal shipping containers.

Intent
I1. To limit the probability that the stored products will collapse prematurely in a fire situation, which could lead to the spread of fire across required aisles and clear spaces, which could lead to the obstruction of aisles, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders.

I2. To limit the probability that the stored products will collapse prematurely during firefighting operations, which could lead to the obstruction of access aisles, which could negatively affect the safe egress of emergency responders, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Size limits and clearances for individual storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hopped material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or
- bulk products, except as described in Clause 3.3.1.1.(d),
- Sentence 3.3.2.3.(2), which applies to clearances of stored products from brush or forested areas, and uncontrolled grass or weeds, and
- Article 4.2.11.1., which applies to flammable liquids and combustible liquids stored in containers in outdoor storage areas.

Intent
- To direct Alberta Fire Code 2006 users to Subsections 3.3.3., 3.3.4., and 3.3.6. for size limits and clearances for individual storage areas.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum clear space between stored products and
- brush or forested areas, and
- uncontrolled grass or weeds.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hoggged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.1(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Article 4.1.5.4., which also applies to outdoor storage areas [smaller than 100 m²] for flammable liquids and combustible liquids.

Intent
I1. To limit the probability that a fire involving the nearby vegetation will spread to the stored products, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
A1. Prohibition of the storage of products beneath electrical power lines.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to
  - Sentence 3.3.1.1.(2), which applies to
    - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
    - Class I and II commodities, as classified in Section 3.2.,
    - intermodal shipping containers, except when containing dangerous goods,
    - buried products and landfill operations,
    - products stored on the roof of a building,
    - vehicles in parking areas or parking lots,
    - logs and similar untreated forest products in ranked piles, or
    - bulk products, except as described in Clause 3.3.1.1.(1)(d).

I1. To limit the probability that stored products will be ignited by sparks or arcing from electrical power lines, which could lead to the spread of fire beyond the outdoor storage area to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.

I2. To limit the probability that a fire involving the stored products will lead to the failure of the power lines to supply power [power outage], which could lead to the failure of fire emergency systems to operate properly [disruption to water supply, emergency lighting, emergency communication systems, fire alarm and detection systems, etc.], which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
A1. Prohibition of the storage of products beneath electrical power lines.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods:
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

I1. To limit the probability that a fire involving the stored products will lead to the failure of the power lines to supply power [power outage], which could lead to the failure of fire emergency systems of adjacent buildings to operate properly [disruption to water supply, emergency lighting, emergency communication systems, fire alarm and detection systems, etc.], which could lead to harm to persons.
**Application and intent of Division B provisions**

**Alberta Fire Code 2006**

**CodeReference** (including record number) 3.3.2.5.(1)-01

**Attribution - functional statement/objective** F12-OP3.1

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**CodeText**

1) Except as provided in Sentence (2), an access route constructed in conformance with Subsection 3.2.5. of Division B of the Alberta Building Code 2006 shall be provided to permit the approach of fire department vehicles to within 60 m travelling distance of any part of an individual storage area.

**Application**

A1. Construction of access routes to permit the approach of fire department vehicles to within a 60 m travelling distance of any part of an individual storage area.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

**Exception:**

except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d),
- Sentence 3.3.2.5.(2), which applies when the total storage area exceeds 6 000 m², and
- Sentence 4.2.11.3.(1), which applies to flammable liquid and combustible liquid storage areas smaller than 100 m².

**Intent**

I1. To limit the probability that emergency response operations will be delayed or ineffective, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.

I2. To direct Alberta Fire Code 2006 users to Subsection 3.2.5. of Division B of the Alberta Building Code 2006.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Minimum number of locations that the access route required in Sentence 3.3.2.5.(1) [access route to permit the approach of fire department vehicles to within a 60 m travelling distance of any part of an individual storage area] is connected with a public thoroughfare, where the total storage area exceeds 6 000 m².

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,- rubber tires,- forest products, including lumber, timber and wood pallets,- forest by-products, including wood chips and hogged material,- manufactured buildings,- wrecked vehicles in salvage yards, and- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in- Sentence 3.1.1.4.(1), which applies to- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and-Sentence 3.3.1.1.(2), which applies to- sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,- Class I and II commodities, as classified in Section 3.2.,- intermodal shipping containers, except when containing dangerous goods,- buried products and landfill operations,- products stored on the roof of a building,- vehicles in parking areas or parking lots,- logs and similar untreated forest products in ranked piles, or- bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent

I1. To supersede the requirement in Article 3.2.5.6. of Division B of the Alberta Building Code 2006, as referenced in Sentence 3.3.2.5.(1), and require that a choice of two connections to a public thoroughfare be provided if the storage site is large.

This is to limit the probability that emergency response operations will be delayed or ineffective, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Fencing around outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:

- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

A2. This also applies to outdoor storage areas, including those smaller than 100 m²,
- for flammable liquids and combustible liquids, as stated in Sentence 4.2.11.5.(1),
- at bulk plants, as stated in Sentence 4.7.2.6.(1), and
- for cylinders of Class 2 gases, as stated in Clause 3.3.5.2.(1)(b).

I1. To limit the probability that unauthorized persons will gain access to the storage area, which could lead to improper actions, which could lead to the unwanted release of dangerous goods, which could lead to harm to the public.
Application and intent of Division B provisions

Application

A1. Fencing around outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.1.(d).

A2. This also applies to outdoor storage areas, including those smaller than 100 m²
- for flammable liquids and combustible liquids, as stated in Sentence 4.2.11.5.(1),
- at bulk plants, as stated in Sentence 4.7.2.6.(1), and
- for cylinders of Class 2 gases, as stated in Clause 3.3.5.2.(1)(b).

Intent

II. To limit the probability that unauthorized persons will gain access to the storage area, which could lead to a fire or explosion involving the products, which could lead to the spread of fire from the storage area to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.2.6.(1)-03
Attribution - functional statement/objective F34-OS3.4

CodeText

1) An outdoor storage area shall be surrounded by a firmly anchored fence that is
a) substantially constructed to discourage climbing and unauthorized entry,
 b) not less than 1.8 m high, and
c) provided with gates that shall be locked when the storage area is not staffed.

Application

A1. Fencing around outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

A2. This also applies to outdoor storage areas, including those smaller than 100 m²
- for flammable liquids and combustible liquids, as stated in Sentence 4.2.11.5.(1),
- at bulk plants, as stated in Sentence 4.7.2.6.(1), and
- for cylinders of Class 2 gases, as stated in Clause 3.3.5.2.(1)(b).

Intent

I1. To limit the probability that unauthorized persons will gain access to the storage area, which could lead to improper actions, which could lead to the unwanted release of dangerous goods, which could lead to harm to persons.
Application and intent of Division B provisions

 Alberta Fire Code 2006

A1. Width, design and location of gates in fencing around outdoor storage areas, when such gates are in a fire department access route.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m² except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

A2. This also applies to outdoor storage areas, including those smaller than 100 m²
- for flammable liquids and combustible liquids, as stated in Sentence 4.2.11.5.(1),
- at bulk plants, as stated in Sentence 4.7.2.6.(1), and
- for cylinders of Class 2 gases, as stated in Clause 3.3.5.2.(1)(b).

Intent

I1. To limit the probability that emergency response operations will be delayed or ineffective, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.2.7.(1)-01
Attribution - functional statement/objective F12-OP3.1

CodeText

1) Any access route, gateway or clear space required in this Section shall be
   a) maintained in conformance with Section 2.5., and
   b) kept free of obstructions and piles of snow.

Application

A1. Maintenance [with respect to being kept free of obstructions and piles of snow] of access routes, gateways or clear spaces required in Section 3.3.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
   except as stated in
   - Sentence 3.1.1.4.(1), which applies to
     - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
     - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
   - Sentence 3.3.1.1.(2), which applies to
     - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
     - Class I and II commodities, as classified in Section 3.2.,
     - intermodal shipping containers, except when containing dangerous goods,
     - buried products and landfill operations,
     - products stored on the roof of a building,
     - vehicles in parking areas or parking lots,
     - logs and similar untreated forest products in ranked piles, or
     - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
   - Sentence 4.1.5.6.(1), which also applies to flammable liquids and combustible liquids in outdoor storage areas smaller than 100 m².

Intent

I1. To limit the probability that emergency response operations will be delayed or ineffective, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maintenance [with respect to being kept ready for use at all times by fire department vehicles, and kept clear of parked vehicles that would otherwise obstruct access] of access routes, gateways or clear spaces required in Section 3.3.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m$^2$, except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentence 4.1.5.6.(1), which also applies to flammable liquids and combustible liquids in outdoor storage areas smaller than 100 m$^2$.

Intent
I1. To direct Alberta Fire Code 2006 users to Section 2.5. [specifically Article 2.5.1.5.].
Application and intent of Division B provisions
Alberta Fire Code 2006

CodeReference (including record number) 3.3.2.7.(2)-01
Attribution - functional statement/objective F12-OP3.1

CodeText
2) Private hydrants, fire department connections and private valves controlling water supplies to fire protection systems shall be
   a) maintained in conformance with Part 6, and
   b) kept accessible to firefighters and their equipment at all times.

Application
A1. Access [for firefighters and their equipment at all times] to private hydrants, fire department connections and private valves controlling water supplies to fire protection systems, at outdoor storage sites.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
   - Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
   - rubber tires,
   - forest products, including lumber, timber and wood pallets,
   - forest by-products, including wood chips and haggled material,
   - manufactured buildings,
   - wrecked vehicles in salvage yards, and
   - dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
   except as stated in
   - Sentence 3.1.1.4.(1), which applies to
     - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
     - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
   - Sentence 3.3.1.1.(2), which applies to
     - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
     - Class I and II commodities, as classified in Section 3.2.,
     - intermodal shipping containers, except when containing dangerous goods,
     - buried products and landfill operations,
     - products stored on the roof of a building,
     - vehicles in parking areas or parking lots,
     - logs and similar untreated forest products in ranked piles, or
     - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent
I. To limit the probability that emergency response operations will be delayed or ineffective, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

A1. Maintenance and access to private hydrants, fire department connections and private valves controlling water supplies to fire protection systems, at outdoor storage sites.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m$^2$, except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent
11. To direct Alberta Fire Code 2006 users to Part 6 [specifically Sentence 6.4.1.1.(1)].
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Devices, operations or activities that produce open flames, sparks or heat, in outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,

- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:

- if controlled in a manner that will not create a fire hazard, as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- as stated in Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- as stated in Sentence 4.1.5.2.(1), which also applies to flammable liquids and combustible liquids in outdoor storage areas smaller than 100 m³.

Intent

I1. To limit the probability that stored products will be ignited, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Smoking in outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,

- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:

except as stated in

- Subsection 2.4.2., which permits smoking in certain areas if certain conditions are met,
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.1(1)(d), and
- Sentence 4.1.5.3.(1), which also applies to flammable liquids and combustible liquids in outdoor storage areas smaller than 100 m².

Intent

I1. To limit the probability that the stored products will be ignited, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.2.8.(3)-01
Attribution - functional statement/objective F01,F03-OP3.1

CodeText

3) Except as provided in Subsection 2.6.2., the burning of materials in an outdoor storage area shall be performed only in a burner that is

a) designed, constructed and maintained in conformance with good engineering practice, and
b) located not less than 15 m from a building or stored products.

Application

A1. Design, construction, maintenance and location [with respect to minimum distance from buildings or stored products] of burners used for the burning of materials in outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,

- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:

except as stated in

- Articles 2.6.2.2. and 2.6.2.3., which apply to incinerators conforming to NFPA 82,
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or
- bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent

I1. To limit the probability that a fire originating in the burner will spread to the stored products and to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Location [with respect to minimum distance from buildings or stored products] of burners used for the burning of materials in outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- except as stated in Articles 2.6.2.2. and 2.6.2.3., which apply to incinerators conforming to NFPA 82,
- Sentence 3.3.1.1.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or bulk products, except as described in Clause 3.3.1.1.(1)(d).

Application

A1. Location [with respect to minimum distance from buildings or stored products] of burners used for the burning of materials in outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- except as stated in Articles 2.6.2.2. and 2.6.2.3., which apply to incinerators conforming to NFPA 82,
- Sentence 3.3.1.1.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent

I1. To limit the probability that a fire originating in the burner will spread to adjacent buildings, which could lead to harm to persons in the buildings.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application and intent of Division B provisions

Application

A1. Fire safety plans for outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,

- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and haggled material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:

except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or
- bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentence 4.1.5.5.(1), which also applies to storage areas for flammable liquids and combustible liquids smaller than 100 m²

Intent

I1. To state the application of Sentences 3.3.2.9.(2) and 3.3.2.9.(3).
I2. To direct Alberta Fire Code 2006 users to Section 2.8.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Fire safety plans for outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentence 4.1.5.5.(1), which also applies to storage areas for flammable liquids and combustible liquids smaller than 100 m².

Application

I1. To limit the probability of fire hazards, unsafe storage practices or accidental mixing or mishandling of products, which could lead to a fire or explosion involving the outdoor storage, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.

I2. To limit the probability of delayed or inappropriate emergency response operations in a fire situation, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.

I3. To limit the probability that the size [fire load] of the product storage areas will not be controlled or limited, which could lead to manual fire suppression operations being ineffective in a fire situation involving the stored products, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.

I4. To limit the probability that there will be a delay in notifying emergency responders of a fire situation, which could lead to delays or inefficiencies in carrying out fire emergency response operations, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.

I5. To limit the probability that there will be a delay in locating and using firefighting equipment, which could lead to delays or inefficiencies in carrying out fire emergency response operations, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application - functional statement/objective

CodeReference (including record number) 3.3.2.9.(2)-02

A1. Fire safety plans for outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m$^2$, except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentence 4.1.5.5.(1), which also applies to storage areas for flammable liquids and combustible liquids smaller than 100 m$^2$.

Intent

I1. To limit the probability of unsafe storage practices or accidental mixing or mishandling of products, which could lead to the unwanted release of dangerous goods or failure to control a product spill, which could lead to harm to the public.

I2. To limit the probability of delayed or inappropriate emergency response operations in an emergency situation, which could lead to the unwanted release of dangerous goods or failure to control a product spill, which could lead to harm to the public.

I3. To limit the probability that there will be a delay in notifying emergency responders of an emergency situation, which could lead to delays or inefficiencies in carrying out emergency response operations, which could lead to the unwanted release of dangerous goods or failure to control a product spill, which could lead to harm to the public.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Posting of fire emergency procedures [as part of the fire safety plan required in Sentences 3.3.2.9.(1) and 3.3.2.9.(2)], at outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentence 4.1.5.5.(1), which also applies to storage areas for flammable liquids and combustible liquids smaller than 100 m².

Intent
I1. To limit the probability of unsafe storage practices or accidental mixing or mishandling of products, which could lead to the unwanted release of dangerous goods, which could lead to harm to the public.
I2. To limit the probability of delayed or inappropriate emergency response operations in an emergency situation, which could lead to the unwanted release of dangerous goods, which could lead to harm to the public.
Application and intent of Division B provisions

Alberta Fire Code 2006

3.3.2.9.1 A1. Posting of fire emergency procedures [as part of the fire safety plan required in Sentences 3.3.2.9.1(1) and 3.3.2.9.1(2)], at outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.1(1) and 3.3.4.1.2.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.1.(1)(d), and
- Sentence 4.1.5.5.(1), which also applies to storage areas for flammable liquids and combustible liquids smaller than 100 m².

Intent
I1. To limit the probability of unsafe storage practices or accidental mixing or mishandling of products, which could lead to a fire or explosion involving the outdoor storage, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.

I2. To limit the probability of delayed or inappropriate emergency response operations in a fire situation, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.2.10.(1)-01
Attribution - functional statement/objective Not applicable

CodeText

1) Any building located in an outdoor storage area shall be provided with portable extinguishers.

Application

A1. Portable extinguishers in buildings located in outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,

- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hosed material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentence 4.1.5.5.(1), which also applies to storage areas for flammable liquids and combustible liquids smaller than 100 m².

Intent

II. To direct Alberta Fire Code 2006 users to Article 2.1.5.1. and Sentence 6.2.1.1.(1).
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference  (including record number)  3.3.2.10.(2)-01
Attribution - functional statement/objective  F02-OP3.1

CodeText

2) Each motorized vehicle operating in an outdoor storage area shall be equipped with at least one portable extinguisher having a minimum rating of 2-A:30-B:C.

Application

A1. Minimum number and rating of portable extinguishers for motorized vehicles used at outdoor storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hobbled material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)a]] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to:
  - sites where the total storage area is not more than 100 m² except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)d).

Intent

I1. To limit the probability that a fire involving motorized vehicles will not be suppressed or controlled, which could lead to the spread of fire to the outdoor storage area and adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.

I2. To state the application of Article 2.1.5.1., and to supersede the minimum rating specified in that Article.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.2.10.(3)-01
Attribution - functional statement/objective F02-OS1.2

CodeText

3) Portable extinguishers shall be provided in all storage areas so that the travel distance from any part of the storage area to an extinguisher is not more than 25 m.

Application

A1. Maximum travel distance to a portable extinguisher located in an outdoor storage area.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogg ed material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors (filling or storing more than 1,500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)) of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentence 4.1.5.5.(1), which also applies to storage areas for flammable liquids and combustible liquids smaller than 100 m².

Intent

I1. To limit the probability that a fire involving products in a storage area will not be suppressed or controlled due to delays in use of portable extinguishers, which could lead to the spread of fire to other parts of the outdoor storage area and to adjacent buildings or facilities, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum travel distance to a portable extinguisher located in an outdoor storage area. This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,

- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and haggled material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:

except as stated in

- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [fueling or storing more than 1 500 kg, as stated in Appendix data A-3.1.1.4.(1)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentence 4.1.5.5.(1), which also applies to storage areas for flammable liquids and combustible liquids smaller than 100 m².

Intent

I1. To limit the probability that a fire involving products in a storage area will not be suppressed or controlled due to delays in use of portable extinguishers, which could lead to the spread of fire to other parts of the outdoor storage area and to adjacent buildings or facilities, which could lead to damage to buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.2.11.(1)-01
Attribution - functional statement/objective F04-OS1.2

CodeText

1) The storage site shall be

a) level, and

b) solid ground or paved with asphalt, concrete or other hard surface material.

Application


This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and haggled material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- except as stated in Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.2.(1), which applies to compressed gases.
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentence 3.3.5.2.(1), which applies to compressed gases.

Intent

I1. To limit the probability that the stored products will collapse prematurely in a fire situation, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006


This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m² except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentence 3.3.5.2.(1), which applies to compressed gases.

Intent

I1. To limit the probability that the stored products will collapse prematurely in a fire situation, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.

I2. To limit the probability that emergency response operations will be delayed or ineffective, which could lead to the spread of fire to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006


This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,

- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentence 3.3.5.2.(1), which applies to compressed gases.

Intent
I1. To limit the probability that the stored products will collapse, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.2.12.(1)-01
Attribution - functional statement/objective Not applicable

CodeText

1) Except as provided in Sentence (2), the dispensing of flammable liquids or combustible liquids into the fuel tank of a vehicle shall conform to Section 4.6.

Application

A1. Dispensing of flammable liquids or combustible liquids into fuel tanks of vehicles at outdoor storage sites.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentence 3.3.2.12.(2), which applies to a minimum clear space between stored products and fuel dispensers.

Intent

II. To direct Alberta Fire Code 2006 users to Section 4.6.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum clear space to be maintained between stored products and fuel dispensers [used for dispensing flammable liquids or combustible liquids into fuel tanks of vehicles], at outdoor storage sites.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including timber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5., Class I and II commodities, as classified in Section 3.2., intermodal shipping containers, except when containing dangerous goods, buried products and landfill operations, products stored on the roof of a building, vehicles in parking areas or parking lots, logs and similar untreated forest products in ranked piles, or bulk products, except as described in Clause 3.3.1.1.(1)(d).

I1. To limit the probability that a fire originating in the fuel dispensing area will spread to the stored products and adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.

CodeText

2) A clear space of not less than 6 m shall be maintained between the stored products and fuel dispensers.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Spill control [drainage and containment] of waste oils or dangerous goods emptied or escaping from stored products under normal storage conditions or in a fire situation.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,

- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:

- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or
- bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentence 4.2.11.4.(1), which also applies to flammable liquids and combustible liquids in outdoor storage areas smaller than 100 m².

Intent

I1. To expand the application of Subsection 4.1.6. so that it applies to waste oils and dangerous goods.
Application and intent of Division B provisions

A1. Clear space between individual storage areas prescribed in Section 3.3. [Articles 3.3.3.2., 3.3.4.2., and 3.3.4.8.], where a noncombustible fire separation or a dirt berm, not less than 1.5 times the height of the stored products, is provided. This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,

- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and haggled material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception: except as stated in

- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Height and size of individual storage areas prescribed in Section 3.3. [Articles 3.3.3.2., 3.3.4.2., and 3.3.4.8.], where fire extinguishing measures conforming to good engineering practice are provided.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors (handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)) of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m$^2$, except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

1. To exempt individual storage areas from the application of the height and size requirements stated in Section 3.3. [specifically Sentences 3.3.2.3.(1), 3.3.3.2.(1), 3.3.4.2.(1), and 3.3.4.2.(3)] if certain measures are taken.

This is to limit the probability that a fire involving the stored products will spread to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.3.2.16.(1)-01
Attribution - functional statement/objective  F03,F12-OP1.2

CodeText

1) Except as permitted by Sentence (2), water supplies for firefighting shall be available from
   a) a public or private water system, or
   b) water supplies that conform to the requirements of NFPA 1142, “Water Supplies for Suburban and Rural Firefighting” (see Appendix A).

Application

A1. Provision of water supplies from
   a) a public or private water system, or
   - water supplies conforming to the requirements of NFPA 1142, “Water Supplies for Suburban and Rural Firefighting”.

Exception:
   - except for water sources or supplies acceptable to the authority having jurisdiction, or
   - a system of water supply from municipal street hydrants and mobile pumping equipment as stated in Sentence 3.3.2.17.(2).

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,

- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hoggied material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
   except as stated in
   - Sentence 3.1.1.4.(1), which applies to
     - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
     - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
   - Sentence 3.3.1.1.(2), which applies to
     - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
     - Class I and II commodities, as classified in Section 3.2.,
     - intermodal shipping containers, except when containing dangerous goods,
     - buried products and landfill operations,
     - products stored on the roof of a building,
     - vehicles in parking areas or parking lots,
     - logs and similar untreated forest products in ranked piles, or
     - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent

I1. To limit the probability that firefighting operations will be ineffective, as a result of a lack of water or delays in accessing a water supply, which could lead to a fire not being suppressed or controlled, which could lead to the spread of fire, which could lead to damage to buildings and facilities.
Application and intent of Division B provisions

A1. Provision of water supplies from
- a public or private water system, or
- water supplies conforming to the requirements of NFPA 1142, “Water Supplies for Suburban and Rural Firefighting”.

Exception:
- except for water sources or supplies acceptable to the authority having jurisdiction, or
- a system of water supply from municipal street hydrants and mobile pumping equipment as stated in Sentence 3.3.2.17.(2).

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.4.(1), which applies to:
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent
I1. To limit the probability that firefighting operations will be ineffective, as a result of a lack of water or delays in accessing a water supply, which could lead to a fire not being suppressed or controlled, which could lead to the spread of fire, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.2.16.(1)-03
Attribution - functional statement/objective F03,F12-OS1.2

CodeText

1) Except as permitted by Sentence (2), water supplies for firefighting shall be available from
a) a public or private water system, or
b) water supplies that conform to the requirements of NFPA 1142, “Water Supplies for Suburban and Rural Firefighting” (see Appendix A).

Application

A1. Provision of water supplies from
- a public or private water system, or
- water supplies conforming to the requirements of NFPA 1142, “Water Supplies for Suburban and Rural Firefighting”.

Exception:
- except for water sources or supplies acceptable to the authority having jurisdiction, or
- a system of water supply from municipal street hydrants and mobile pumping equipment as stated in Sentence 3.3.2.17.(2).

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent

II. To limit the probability that firefighting operations will be ineffective, as a result of a lack of water or delays in accessing a water supply, which could lead to a fire not being suppressed or controlled, which could lead to the spread of fire, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Water supply methods for fire fighting at a storage area.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hopped material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent
I1. To extend the application of Sentence 3.3.2.16.(1) to the provision of water by methods that are not stated in Clauses 3.3.2.16.(1)(a) and (b).
Application and intent of Division B provisions

Application

A1. Duration for which the water supply required by Sentence 3.3.2.16.(1) can be supplied.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent

I1. To state the minimum period of time and minimum flow rate for which water is available for fire fighting and suppression.
CodeText
4) On-site storage of at least 300 m of 65 mm hose and sufficient nozzles shall be provided if not immediately available from responding public fire departments.

Application
A1. Provision of hose and nozzles for fire fighting at a storage site.

Exception;
except if hose and nozzles are immediately available from a responding fire department.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent
I. To limit the probability that firefighting operations will be ineffective, as a result of a lack of sufficiency of hose and hose nozzles, which could lead to a fire not being suppressed or controlled, which could lead to the spread of fire, which could lead to damage to buildings and facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.2.16.(4)-02
Attribution - functional statement/objective F03,F12-OP3.1

CodeText
4) On-site storage of at least 300 m of 65 mm hose and sufficient nozzles shall be provided if not immediately available from responding public fire departments.

Application
A1. Provision of hose and nozzles for fire fighting at a storage site.

Exception;
except if hose and nozzles are immediately available from a responding fire department.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hipped material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent
I. To limit the probability that firefighting operations will be ineffective, as a result of a lack of sufficiency of hose and hose nozzles, which could lead to a fire not being suppressed or controlled, which could lead to the spread of fire, which could lead to damage to adjacent buildings and facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Provision of hose and nozzles for fire fighting at a storage site.

Exception: except if hose and nozzles are immediately available from a responding fire department.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent
H. To limit the probability that firefighting operations will be ineffective, as a result of a lack of sufficiency of hose and hose nozzles, which could lead to a fire not being suppressed or controlled, which could lead to the spread of fire, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Limit on length of hose reach to any part of a storage area from a water supply required in accordance with Sentences 3.3.2.16.(1) and (2).

Exception:
except for water supplies from a municipal hydrant system as permitted by Sentence 3.3.2.17.(1) for which the maximum hose reach from a hydrant is 60 m.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m$^2$, except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

I1. To limit the probability that firefighting operations will be ineffective, as a result of an insufficient coverage of hose to apply water throughout the storage area, which could lead to a fire not being suppressed or controlled, which could lead to the spread of fire, which could lead to damage to buildings and facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

**CodeReference** (including record number) 3.3.2.16.(5)-02

**Attribution - functional statement/objective** F03,F12-OP3.1

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**CodeText**

5) Water supply required by Sentences (1) and (2) shall be available so that any part of the storage area can be reached by using not more than 150 m of hose.

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**Application**

A1. Limit on length of hose reach to any part of a storage area from a water supply required in accordance with Sentences 3.3.2.16.(1) and (2).

Exception:

- except for water supplies from a municipal hydrant system as permitted by Sentence 3.3.2.17.(1) for which the maximum hose reach from a hydrant is 60 m.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,

- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogg'd material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:

- except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

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**Intent**

I1. To limit the probability that firefighting operations will be ineffective, as a result of an insufficient coverage of hose to apply water throughout the storage area, which could lead to a fire not being suppressed or controlled, which could lead to the spread of fire, which could lead to damage to adjacent buildings and facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Limit on length of hose reach to any part of a storage area from a water supply required in accordance with Sentences 3.3.2.16.(1) and (2).

Exception:
except for water supplies from a municipal hydrant system as permitted by Sentence 3.3.2.17.(1) for which the maximum hose reach from a hydrant is 60 m.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hoggd material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent
I1. To limit the probability that firefighting operations will be ineffective, as a result of an insufficient coverage of hose to apply water throughout the storage area, which could lead to a fire not being suppressed or controlled, which could lead to the spread of fire, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.2.17.(1)-01
Attribution - functional statement/objective F03.F12-OP1.2

CodeText

1) Except as permitted by Sentence (2), where a municipal hydrant system exists and is adjacent to the storage yard, the hydrant system shall be extended into the yard area so that all parts of the yard can be reached by using not more than 60 m of hose.

Application

A1. Limit on length of hose reach to any part of a storage area from a hydrant that supplies water from a water supply required in accordance with Sentences 3.3.2.16.(1) and (2).

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,

- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:

except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots;
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent

I1. To limit the probability that firefighting operations will be ineffective, as a result of an insufficient coverage of hose to apply water throughout the storage area, which could lead to a fire not being suppressed or controlled, which could lead to the spread of fire, which could lead to damage to buildings and facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Limit on length of hose reach to any part of a storage area from a hydrant that supplies water from a water supply required in accordance with Sentences 3.3.2.16.(1) and (2).

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods:
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to:
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots;
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent
I1. To limit the probability that firefighting operations will be ineffective, as a result of an insufficient coverage of hose to apply water throughout the storage area, which could lead to a fire not being suppressed or controlled, which could lead to the spread of fire, which could lead to damage to adjacent buildings and facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Limit on length of hose reach to any part of a storage area from a hydrant that supplies water from a water supply required in accordance with Sentences 3.3.2.16.(1) and (2).

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,

- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or
- bulk products, except as described in Clause 3.3.1.1.(1)(d).

I1. To limit the probability that firefighting operations will be ineffective, as a result of an insufficient coverage of hose to apply water throughout the storage area, which could lead to a fire not being suppressed or controlled, which could lead to the spread of fire, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Acceptable municipal water supply system required in accordance with Sentences 3.3.2.16.(1) and (2).

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and haggered material,
- manufactured buildings,
- wrecked vehicles in salvage yards, and
- dangerous goods in packages or containers stored in a single individual storage area in quantities greater than those shown in Table 3.2.7.1., as stated in Sentences 3.3.4.1.(1) and 3.3.4.1.(2).

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.1.(d).

Intent

II. To exempt a storage area from the application of Sentence 3.3.2.17.(1) provided the authority having jurisdiction accepts the use of municipal street hydrants and mobile pumping equipment.

CodeReference (including record number) 3.3.2.17.(2)-01
Attribution - functional statement/objective Not applicable
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hoggged material,
- manufactured buildings, and
- wrecked vehicles in salvage yards.

Exception:
except as stated in Sentence 3.3.1.1.(2), which applies to
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or
- bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent
11. To state the application of Subsection 3.3.3.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum height of individual storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings, and
- wrecked vehicles in salvage yards.

Exception:
except as stated in
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d),
- Sentence 3.3.2.14.(1), which applies to the clearance between individual storage areas,
- Sentence 3.3.2.15.(1), which applies to the size of individual storage areas, and
- Sentences 3.3.3.2.(2) to 3.3.3.2.(4), which apply to clearances between stored products and buildings.

Intent
I1. To limit the probability that the stored products will collapse prematurely in a fire situation, which could lead to the obstruction of aisles, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum area and height and clearances for individual storage areas

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogs material,
- manufactured buildings, and
- wrecked vehicles in salvage yards.

Exception:
except as stated in
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m\(^2\), except for distance requirements between stored products and a building,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
- bulk products, except as described in Clause 3.3.1.1.(1)(d),
- Sentence 3.3.2.14.(1), which applies to the clearance between individual storage areas,
- Sentence 3.3.2.15.(1), which applies to the size of individual storage areas, and
- Sentences 3.3.3.2.(2) to 3.3.3.2.(4), which apply to clearances between stored products and buildings.

Application

A1. Maximum area and height and clearances for individual storage areas.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogs material,
- manufactured buildings, and
- wrecked vehicles in salvage yards.

Exception:
except as stated in
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m\(^2\), except for distance requirements between stored products and a building,
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
- bulk products, except as described in Clause 3.3.1.1.(1)(d),
- Sentence 3.3.2.14.(1), which applies to the clearance between individual storage areas,
- Sentence 3.3.2.15.(1), which applies to the size of individual storage areas, and
- Sentences 3.3.3.2.(2) to 3.3.3.2.(4), which apply to clearances between stored products and buildings.

Intent

I1. [For maximum size [base area] and minimum clearances] To limit the probability that a fire involving the outdoor stored products will spread to other individual storage areas and to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.

I2. [For maximum height] To limit the probability that the stored products will collapse prematurely in a fire situation, which could lead to the spread of fire across required aisles and clear spaces to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application - functional statement/objective

F03-OP3.1

3.3.3.2.(2)-01

Application

A1. Minimum clear space to be maintained between stored products and buildings on the same property.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings, and
- wrecked vehicles in salvage yards.

Exception:
except as stated in
- Sentence 3.3.1.1.(2), which applies to
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentences 3.3.3.2.(3) and 3.3.3.2.(4), which waive the clearance requirement if certain conditions are met.

Intent

I1. To limit the probability that a fire involving the stored products will spread to a building on the same property, which could lead to damage to the adjacent buildings.
Application and intent of Division B provisions

A1. Minimum clear space to be maintained between stored products and buildings on the same property.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings, and
- wrecked vehicles in salvage yards.

Exception:
except as stated in
- Sentence 3.3.1.1.(2), which applies to:
  - Class I and II commodities, as classified in Section 3.2.,
  - intermodal shipping containers, except when containing dangerous goods,
  - buried products and landfill operations,
  - products stored on the roof of a building,
  - vehicles in parking areas or parking lots,
  - logs and similar untreated forest products in ranked piles, or
  - bulk products, except as described in Clause 3.3.1.1.(1)(d), and
- Sentences 3.3.3.2.(2) and 3.3.3.2.(4), which waive the clearance requirement if certain conditions are met.

Intent
I1. To limit the probability that a fire involving the stored products will spread to a building on the same property, which could lead to harm to persons in the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.3.3.2.(3)-01
Attribution - functional statement/objective  F02,F03-OP3.1

CodeText

3) It is permitted to waive the clearance required in Sentence (2) if:
   a) the stored products do not consist of wood chips, hogged material, rubber tires or combustible pallets,
   b) the exposed wall of the building has a fire-resistance rating of not less than 2 h, and
   c) the stored products are separated from any unprotected wall opening by a horizontal distance of not less than
      i) 3 m on either side of the opening, and
      ii) 6 m perpendicularly in front of the opening.

Application

A1. Clearance required in Sentence 3.3.3.2.(2) between stored products and buildings on the same property, where:
   - the stored products do not consist of wood chips, hogged material, rubber tires or combustible pallets,
   - the exposed wall of the building is a fire separation having a fire-resistance rating of not less than 2 h, and
   - the stored products are separated from any unprotected wall opening by a horizontal distance of not less than
      i) 3 m on either side of the opening, and
      ii) 6 m perpendicularly in front of the opening.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,:
   - Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2., excluding combustible pallets,
   - forest products and by-products, excluding wood chips, hogged material and pallets,
   - manufactured buildings, and
   - wrecked vehicles in salvage yards.

Exception:
   except as stated in Sentence 3.3.1.1.(2), which applies to:
   - Class I and II commodities, as classified in Section 3.2., excluding combustible pallets,
   - intermodal shipping containers, except when containing dangerous goods,
   - buried products and landfill operations,
   - products stored on the roof of a building,
   - vehicles in parking areas or parking lots,
   - logs and similar untreated forest products in ranked piles, or
   - bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent

I1. To waive the clearance requirements in Sentence 3.3.3.2.(2) if the storage presents a low fire hazard because of the following:
   - the type and arrangement of stored products do not present a high fire hazard [high fire load],
   - a barrier is provided to limit the probability that fire will spread from the stored products to the building, and
   - a sufficient clear space is provided to limit the probability that fire will spread from the stored products to the building where portions of the fire barrier in Clause 3.3.3.2.(3)(b) do not provide the required level of protection.

This is to limit the probability that a fire in the stored products will spread to a building on the same property, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Clearance required in Sentence 3.3.3.2.(2) between stored products and buildings on the same property, where:

- the stored products do not consist of wood chips, hogged material, rubber tires or combustible pallets,
- the exposed wall of the building has a fire-resistance rating of not less than 2 h, and
- the stored products are separated from any unprotected wall opening by a horizontal distance of not less than 3 m on either side of the opening, and 6 m perpendicularly in front of the opening.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2., excluding combustible pallets,
- forest products and by-products, excluding wood chips, hogged material and pallets,
- manufactured buildings, and
- wrecked vehicles in salvage yards.

Exception:
except as stated in Sentence 3.3.1.1.(2), which applies to
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or
- bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent

II. To waive the clearance requirements in Sentence 3.3.3.2.(2) if the storage presents a low fire hazard to building occupants because of the following:
- the type and arrangement of stored products do not present a high fire hazard [high fire load],
- a barrier is provided to limit the probability that fire will spread from the stored products to the building, and
- a sufficient clear space is provided to limit the probability that fire will spread from the stored products to the building where portions of the fire barrier in Clause 3.3.3.2.(3)(b) do not provide the required level of protection.

This is to limit the probability that a fire involving the stored products will spread to a building on the same property, which could lead to harm to persons in the building.
Application and intent of Division B provisions

A1. Clearance required in Sentence 3.3.3.2.(2) between stored products and buildings on the same property, where an individual storage area has a base area not greater than 5 m².

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods,
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings, and
- wrecked vehicles in salvage yards.

Exception:
except as stated in Sentence 3.3.1.1.(2), which applies to
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building,
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or
- bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent
I1. To waive the clearance requirements in Sentence 3.3.3.2.(2) if the base size of the individual storage areas are restricted and the fire load is minimized.

This is to limit the probability that a fire involving the stored products will spread to a building on the same property, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Clearance required in Sentence 3.3.3.2.(2) between stored products and buildings on the same property, where an individual storage area has a base area not greater than 5 m².

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods:
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hopped material,
- manufactured buildings, and
- wrecked vehicles in salvage yards.

Exception:
except as stated in Sentence 3.3.1.1.(2), which applies to
- Class I and II commodities, as classified in Section 3.2.,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations,
- products stored on the roof of a building.
- vehicles in parking areas or parking lots,
- logs and similar untreated forest products in ranked piles, or
- bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent
I1. To waive the clearance requirements in Sentence 3.3.3.2.(2) if the base size of the individual storage areas are restricted and the fire load is minimized.

This is to limit the probability that a fire involving the stored products will spread to a building on the same property, which could lead to harm to persons in the building.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.3.3.(1)-01
Attribution - functional statement/objective F06-OP3.1

CodeText

1) Any access route required in Article 3.3.2.5. shall be located so that a clear space of not less than 6 m is provided between stored rubber tires and the nearest side of the access route.

Application

A1. Minimum clear space between stored rubber tires and the nearest side of the fire department access route required in Article 3.3.2.5.

This applies to the short term or long term outdoor storage of the following products, whether raw or waste materials, goods in process or finished goods:
- Class III and IV commodities, and Group A, B and C plastics, as described in Section 3.2.,
- rubber tires,
- forest products, including lumber, timber and wood pallets,
- forest by-products, including wood chips and hogged material,
- manufactured buildings, and
- wrecked vehicles in salvage yards.

Exception:
except as stated in Sentence 3.3.1.1.(2), which applies to
- sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building,
- intermodal shipping containers, except when containing dangerous goods,
- buried products and landfill operations, and
- products stored on the roof of a building.

Intent

I1. To limit the probability that radiant heat energy from a tire fire will lead to delays and impediments to firefighting operations and fire department vehicle access to the storage area, which could lead to the spread of fire, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5., buried products and landfill operations, products stored on the roof of a building, or vehicles in parking areas or parking lots,
- Subsection 3.3.5., which applies to cylinders of Class 2 gases, and Part 4, which applies to flammable liquids and combustible liquids.

Exception:
- except as otherwise stated in this Code.

Intent

H. To state the application of Subsection 3.3.4.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number)  3.3.4.1.(1)-02
Attribution - functional statement/objective  Not applicable

1) Except as provided in Part 4 or otherwise specified in this Code, this Subsection applies to the outdoor storage of dangerous goods in packages or containers.

Application

A1. Short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:

except as stated in

- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m² except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - products stored on the roof of a building, or
  - vehicles in parking areas or parking lots,
- Subsection 3.3.5., which applies to cylinders of Class 2 gases, and
- Part 4, which applies to flammable liquids and combustible liquids.

Exception:

except as otherwise stated in this Code.

Intent

I1. To clarify that, in case of conflicts, the general provisions of Subsection 3.3.4. are intended to be superseded by more specific requirements elsewhere in the Alberta Fire Code 2006, namely in Part 4.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.4.1.(2)-01
Attribution - functional statement/objective Not applicable

CodeText

2) The storage of dangerous goods in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, shall conform to this Subsection.

Application

A1. Short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - buried products and landfill operations,
  - products stored on the roof of a building, or
  - vehicles in parking areas or parking lots,
- Subsection 3.3.5., which applies to cylinders of Class 2 gases, and
- Part 4, which applies to flammable liquids and combustible liquids.

Intent

I1. To state the application of Subsection 3.3.4.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number)  3.3.4.1.(3)-01
Attribution - functional statement/objective  Not applicable

CodeText

3) When a product has a primary and a subsidiary class, the quantities referred to in Sentence (2) shall be determined by
   a) using the class having precedence, as established in Section 2.8 of the “Transportation of Dangerous Goods Regulations,” or
   b) using the lesser of the two small quantity exemptions in Table 3.2.7.1. when the precedence referred to in Clause (a) is not established.

Application

A1. Determination of quantities of dangerous goods referred to in Sentence 3.3.4.1.(2), when a product has a primary and a subsidiary classification.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Intent

I1. To clarify the classification of dangerous goods and how they are covered in the Alberta Fire Code 2006.
A1. Maximum size [area] of individual storage areas.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
except as stated in:
- Sentence 3.1.1.4.(1), which applies to:
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to:
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - buried products and landfill operations,
  - products stored on the roof of a building, or
  - vehicles in parking areas or parking lots,
- Sentence 3.3.2.15.(1), where additional fire protection is provided, and
- Article 4.2.11.1., which applies to flammable liquids and combustible liquids.

Intent
1. To limit the probability that a fire involving the stored products will spread to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maximum size [area] of individual storage areas.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - buried products and landfill operations,
  - products stored on the roof of a building, or
  - vehicles in parking areas or parking lots,
- Sentence 3.3.2.15.(1), where additional fire protection is provided, and
- Article 4.2.11.1., which applies to flammable liquids and combustible liquids.

Intent

11. To limit the probability that a fire involving the stored products will spread to adjacent buildings, which could lead to harm to persons in the buildings.
Application and intent of Division B provisions

**A1. Minimum clear space provided around each individual storage area for dangerous goods.**

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5., buried products and landfill operations,
- products stored on the roof of a building, or vehicles in parking areas or parking lots,
- Sentence 3.3.2.14.(1), where certain types of fire barriers are provided,
- Subsection 3.3.5., which applies to cylinders of Class 2 gases, and
- Article 4.2.11.1., which applies to flammable liquids and combustible liquids.

**I1. To limit the probability that a fire involving the stored products will spread to other individual storage areas and to adjacent buildings or facilities, which could lead to damage to adjacent buildings or facilities.**
Application and intent of Division B provisions

Application

A1. Minimum clear space provided around each individual storage area for dangerous goods.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:

- except as stated in Sentence 3.1.1.4.(1), which applies to facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5., buried products and landfill operations, products stored on the roof of a building, or vehicles in parking areas or parking lots,
- Sentence 3.3.2.14.(1), where certain types of fire barriers are provided,
- Subsection 3.3.5., which applies to cylinders of Class 2 gases, and
- Article 4.2.11.1.1., which applies to flammable liquids and combustible liquids.

Intent

I1. To limit the probability that a fire involving the stored products will spread to other individual storage areas and to adjacent buildings, which could lead to harm to persons in the buildings.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to:
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors (handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)) of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to:
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - buried products and landfill operations,
  - products stored on the roof of a building, or
  - vehicles in parking areas or parking lots,
- Sentence 3.3.2.15.(1), where additional fire protection is provided.

Intent
I1. To limit the probability that the stored products will collapse, which could lead to the unwanted release of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006


This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors (handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - buried products and landfill operations,
  - products stored on the roof of a building, or
  - vehicles in parking areas or parking lots,
- Sentence 3.3.2.15.(1), where pile stability requires lower heights, and
- Sentence 3.3.2.15.(1), where additional fire protection is provided.

Intent

I1. To limit the probability that the stored products will collapse, which could lead to the unwanted release of the products, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that the stored products will collapse prematurely in a fire situation, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.

I3. To limit the probability that the stored products will collapse prematurely in a fire situation, which could lead to the obstruction of aisles, which could lead to delays in the egress of emergency responders, which could lead to harm to emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Separation of dangerous goods from other dangerous goods.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception: except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - buried products and landfill operations,
  - products stored on the roof of a building, or
  - vehicles in parking areas or parking lots,
- Sentence 3.3.4.3.(2), where the fire separation required in Table 3.2.7.6. is permitted to be replaced with a 3 m horizontal distance, and
- Sentence 3.3.4.8.(1), which applies to dangerous goods in intermodal shipping containers.

Intent

1. To expand the application of Article 3.2.7.6.
A1. Separation [minimum horizontal distance], in an outdoor storage area, of incompatible dangerous goods that are not permitted in Table 3.2.7.6. to be stored in the same fire compartment when in an outdoor storage area.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1. in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
- except as stated in
  - Sentence 3.1.1.4.(1), which applies to
    - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
    - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
  - Sentence 3.3.1.1.(2), which applies to
    - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
    - buried products and landfill operations,
    - products stored on the roof of a building, or
    - vehicles in parking areas or parking lots, and
  - Sentence 3.3.4.8.(1), which applies to dangerous goods in intermodal shipping containers.

Intent

I1. To remove the requirements stated in Table 3.2.7.6. for a fire separation between incompatible dangerous goods if a sufficient horizontal clear space is provided between such products.

This is to limit the probability of mixing of, or contact between, incompatible dangerous goods, which could lead to an adverse reaction between the dangerous goods, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.4.3.(2)-02
Attribution - functional statement/objective F43-OS3.4

CodeText

2) Incompatible dangerous goods that are not allowed in Table 3.2.7.6. to be stored in the same fire compartment are permitted to be separated by a minimum horizontal distance of 3 m in lieu of a fire separation when in an outdoor storage area.

Application

A1. Separation [minimum horizontal distance], in an outdoor storage area, of incompatible dangerous goods that are not permitted in Table 3.2.7.6. to be stored in the same fire compartment.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1. in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:

except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - buried products and landfill operations,
  - products stored on the roof of a building, or
  - vehicles in parking areas or parking lots, and
- Sentence 3.3.4.8.(1), which applies to dangerous goods in intermodal shipping containers.

Intent

I1. To remove the requirements stated in Table 3.2.7.6. for a fire separation between incompatible dangerous goods if a sufficient horizontal clear space is provided between such products.

This is to limit the probability of mixing of, or contact between, incompatible dangerous goods, which could lead to an adverse reaction between the dangerous goods, which could lead to the unwanted release of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Storage of dangerous goods with other [combustible] products described in Sentence 3.3.1.1.(1), in the same individual storage area. This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
- sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
- buried products and landfill operations,
- vehicles stored in a parking area or parking lot.

CodeText
1) Dangerous goods and other products described in Sentence 3.3.1.1.(1) shall not be stored in the same individual storage area.

Application

A1. Storage of dangerous goods with other [combustible] products described in Sentence 3.3.1.1. (1), in the same individual storage area. This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
- the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
- facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
- sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
- buried products and landfill operations,
- products stored on the roof of a building, or
- vehicles in parking areas or parking lots.

Intent
I1. To limit the probability that a fire involving the combustible products will spread to and involve the dangerous goods, which could lead to harm to persons.
I2. To limit the probability of mixing of, or contact between, dangerous goods and other products that are incompatible with dangerous goods, which could lead to an adverse reaction between the dangerous goods and the other products, which could lead to a fire or explosion, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Labels and placards for the outdoor storage of dangerous goods.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5., buried products and landfill operations, products stored on the roof of a building, or vehicles in parking areas or parking lots.

Intent
- To expand the application of Articles 3.2.7.13. and 3.2.7.14.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.4.6.(1)-01
Attribution - functional statement/objective Not applicable

Application

1) The training of personnel involved in the outdoor storage of *dangerous goods* shall conform to Article 3.2.7.15.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a *building*, and Class 2 gases covered in Subsection 3.3.5., buried products and landfill operations, products stored on the roof of a building, or vehicles in parking areas or parking lots.

Intent

II. To expand the application of Article 3.2.7.15.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.4.7.(1)-01
Attribution - functional statement/objective F43-OS1.1

CodeText

1) When dangerous goods are stored outside of a building, safety precautions shall be taken to prevent undesirable reactions from the effects of atmospheric conditions.

Application

A1. Safety precautions to prevent undesirable reactions from the effects of atmospheric conditions, when dangerous goods are stored outside of a building.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - buried products and landfill operations,
  - products stored on the roof of a building, or
  - vehicles in parking areas or parking lots.

Intent

I1. To limit the probability that dangerous goods will adversely react with the effects of atmospheric conditions, which could lead to the unwanted release of the product, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
2) Damaged or leaking packages or containers of dangerous goods shall be moved to a safe location and the product repackaged and labelled as soon as possible.

Application

A1. Moving to a safe location, repackaging and labelling of damaged or leaking packages or containers of dangerous goods.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - buried products and landfill operations,
  - products stored on the roof of a building, or
  - vehicles in parking areas or parking lots.

Intent

I1. To limit the probability that damaged or leaking containers will lead to the unwanted release of dangerous goods, which could lead to harm to the public.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference  (including record number)  3.3.4.7.(2)-02
Attribution - functional statement/objective  F43,F81-OS1.1

CodeText

2) Damaged or leaking packages or containers of dangerous goods shall be moved to a safe location and the product repackaged and labelled as soon as possible.

Application

A1. Moving to a safe location, repackaging and labelling of damaged or leaking packages or containers of dangerous goods.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:

except as stated in

- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - buried products and landfill operations,
  - products stored on the roof of a building, or
  - vehicles in parking areas or parking lots.

Intent

I1. To limit the probability that damaged or leaking containers will lead to the unwanted release of dangerous goods, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that mislabelled dangerous goods will come into contact with incompatible products, which could lead to a fire or explosion, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.4.7.(2)-03
Attribution - functional statement/objective F43,F81-OS3.4

CodeText

2) Damaged or leaking packages or containers of dangerous goods shall be moved to a safe location and the product repackaged and labelled as soon as possible.

Application

A1. Moving to a safe location, repackaging and labelling of damaged or leaking packages or containers of dangerous goods.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
except as stated in
- Sentence 3.1.1.4.(1), which applies to
  - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
  - facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to
  - sites where the total storage area is not more than 100 m$^2$, except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5.,
  - buried products and landfill operations,
  - products stored on the roof of a building, or
  - vehicles in parking areas or parking lots.

Intent

I1. To limit the probability that damaged or leaking containers will lead to the unwanted release of dangerous goods, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that mislabelled dangerous goods will come into contact with incompatible products, which could lead to the unwanted release of dangerous goods, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

A1. Separation of intermodal shipping containers used for the transportation of dangerous goods, including the products they contain, when stored outdoors.

This applies to the short term or long term outdoor storage of dangerous goods in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.3.1.1.(2)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5., intermodal shipping containers, except when containing dangerous goods, buried products and landfill operations, products stored on the roof of a building, vehicles in parking areas or parking lots, logs and similar untreated forest products in ranked piles, and bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent
I1. To limit the probability of mixing of, or contact between, incompatible dangerous goods, which could lead to an adverse reaction between the dangerous goods, which could lead to a fire or explosion, which could lead to harm to persons.

I2. To supersede the separation requirements of Article 3.2.7.6. [as required in Article 3.3.4.3.] and require that the separation rules contained in the International Maritime Organization document be used.
1) Intermodal shipping containers used for the transportation of dangerous goods, as well as their contents, shall be stored in conformance with the segregation requirements stated in Section 15 of the “International Maritime Dangerous Goods Code” of the International Maritime Organization. (See A-3.3.1.1.(2)(c) in Appendix A.)

Application

A1. Separation of intermodal shipping containers used for the transportation of dangerous goods, including the products they contain, when stored outdoors.

This applies to the short term or long term outdoor storage of dangerous goods in packages or containers in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix Note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to sites where the total storage area is not more than 100 m², except for distance requirements between stored products and a building, and Class 2 gases covered in Subsection 3.3.5., intermodal shipping containers, except when containing dangerous goods, buried products and landfill operations, products stored on the roof of a building, vehicles in parking areas or parking lots, logs and similar untreated forest products in ranked piles, and bulk products, except as described in Clause 3.3.1.1.(1)(d).

Intent

I1. To limit the probability of mixing of, or contact between, incompatible dangerous goods, which could lead to an adverse reaction between the dangerous goods, which could lead to harm to persons, including emergency responders.

I2. To supersede the separation requirements of Article 3.2.7.6. [as required in Article 3.3.4.3.] and require that the separation rules contained in the International Maritime Organization document be used.
A1. Short term or long term outdoor storage of cylinders of Class 2 gases in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
- Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to buried products and landfill operations,
- products stored on the roof of a building, or
- vehicles in parking areas or parking lots.

Intent
I1. To state the application of Subsection 3.3.5.
Application and intent of Division B provisions

Alberta Fire Code 2006


This applies to the short term or long term outdoor storage of cylinders of Class 2 gases in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to buried products and landfill operations,
- products stored on the roof of a building, or vehicles in parking areas or parking lots.

Application


This applies to the short term or long term outdoor storage of cylinders of Class 2 gases in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to buried products and landfill operations,
- products stored on the roof of a building, or vehicles in parking areas or parking lots.

Intent

1. To limit the probability that cylinders will prematurely deteriorate as a result of coming into contact with the ground, which could lead to the unwanted release of gas, which could lead to a fire or explosion, which could lead to harm to persons.

2. To limit the probability that cylinders will be mechanically damaged from falling over, which could lead to the unwanted release of gas, which could lead to a fire or explosion, which could lead to harm to persons.

3. To limit the probability that a fire will spread to and involve the cylinders, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Fenced enclosure.
This applies to the short term or long term outdoor storage of cylinders of Class 2 gases in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to buried products and landfill operations, products stored on the roof of a building, or vehicles in parking areas or parking lots.

Application
A1. Fenced enclosure.
This applies to the short term or long term outdoor storage of cylinders of Class 2 gases in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases, and
- Sentence 3.3.1.1.(2), which applies to buried products and landfill operations, products stored on the roof of a building, or vehicles in parking areas or parking lots.

Intent
I1. To state the application of Article 3.3.2.6.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number): 3.3.5.3.(1)-01
Attribution - functional statement/objective: F44-OS1.1

CodeText

1) Except as provided in Sentence (2), cylinders of Class 2.1 flammable gases or Class 2.3 toxic or corrosive gases stored outdoors shall be not less than
   a) 1.5 m from any building opening, if the aggregate capacity of expanded gas is not more than 170 m$^3$.
   b) 7.5 m from any building opening, if the aggregate capacity of expanded gas is more than 170 m$^3$ but less than 500 m$^3$, and
   c) 15 m from any building opening, if the aggregate capacity of expanded gas is 500 m$^3$ or more.

(See A-3.2.8.2.2(2) in Appendix A.)

Application

A1. Minimum clearances between cylinders of Class 2.1 flammable, Class 2.3 poisonous or Class 2.4 corrosive gases stored outdoors and building openings.

This applies to the short term or long term outdoor storage of cylinders of Class 2 gases in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:
except as stated in
   - Sentence 3.1.1.4.(1), which applies to
     - the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and
     - facilities operated by manufacturers or distributors (handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.1(a)) of Class 2 gases,
   - Sentence 3.3.1.1.(2), which applies to
     - buried products and landfill operations,
     - products stored on the roof of a building, or
     - vehicles in parking areas or parking lots, and
   - Sentence 3.3.5.3.(2), which waives the clearance requirements when the building opening is into a room conforming to Subsection 3.2.8. that is used for storing Class 2 gases.

Intent

I1. To remove certain dangerous goods from the application of the 6 m clearance to a building required by Sentence 3.3.4.2.(2) and permit their outdoor storage adjacent to a building (zero distance), if a sufficient distance is kept between the gas cylinders and any building opening.

This is to limit the probability that gas will enter a building through an opening, which could lead to or aggravate a fire or explosion inside the building, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Minimum clearances between cylinders of Class 2.1 flammable, Class 2.3 poisonous or Class 2.4 corrosive gases stored outdoors and building openings.

This applies to the short term or long term outdoor storage of cylinders of Class 2 gases in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:

- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to buried products and landfill operations,
- Sentence 3.3.5.3.(2), which waives the clearance requirements when the building opening is into a room conforming to Subsection 3.2.8.8. that is used for storing Class 2 gases.

Application

A1. Minimum clearances between cylinders of Class 2.1 flammable, Class 2.3 poisonous or Class 2.4 corrosive gases stored outdoors and building openings.

This applies to the short term or long term outdoor storage of cylinders of Class 2 gases in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Exception:

- except as stated in Sentence 3.1.1.4.(1), which applies to the storage and dispensing of Class 2.1 flammable gases at fuel-dispensing stations, and facilities operated by manufacturers or distributors [handling or storing more than 1 500 kg, as stated in Appendix note A-3.1.1.4.(1)(a)] of Class 2 gases,
- Sentence 3.3.1.1.(2), which applies to buried products and landfill operations,
- Sentence 3.3.5.3.(2), which waives the clearance requirements when the building opening is into a room conforming to Subsection 3.2.8.8. that is used for storing Class 2 gases.

Intent

I. To remove certain dangerous goods from the application of the 6 m clearance to a building required by Sentence 3.3.4.2.(2) and permit their outdoor storage adjacent to a building (zero distance), if a sufficient distance is kept between the gas cylinders and any building opening.

This is to limit the probability that gas will enter a building through an opening, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application

A1. Distances required in Sentence 3.3.5.3.(1), when the building opening is into a room conforming to Subsection 3.2.8. which is used for storing Class 2 gases.

This applies to the short term or long term outdoor storage of cylinders of Class 2 gases in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Intent

I1. To remove the requirement for a minimum distance between gas cylinders stored outdoors and a building opening, as stated in Sentence 3.3.5.3.(1), if the building opening is into a room conforming to Subsection 3.2.8. and is

- used for no purpose other than the storage of compressed gases, thus presenting the same level of hazard as the outdoor cylinders,
- separated from the remainder of the building [by a gas-tight separation] in a manner that will limit the probability of the migration of gases from the outdoor cylinders into the remainder of the building, and
- separated from the remainder of the building [by a fire separation] in a manner that will limit the probability of a fire in the remainder of the building from spreading to or endangering the outdoor gas cylinders.

This is to limit the probability that gas will enter a building from the room, which could lead to a fire or explosion inside the building, which could lead to harm to persons, including emergency responders.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.5.3.(2)-02
Attribution - functional statement/objective F44-OS3.4

CodeText

2) The distances required in Sentence (1) need not apply when the opening referred to is into a room conforming to Subsection 3.2.8. that is used for storing Class 2 gases.

Application

A1. Distances required in Sentence 3.3.5.3.(1), when the building opening is into a room conforming to Subsection 3.2.8. which is used for storing Class 2 gases.

This applies to the short term or long term outdoor storage of cylinders of Class 2 gases in quantities greater than those shown in Table 3.2.7.1., in a single individual storage area, whether raw or waste materials, goods in process or finished goods.

Intent

I1. To remove the requirement for a minimum distance between gas cylinders stored outdoors and a building opening, as stated in Sentence 3.3.5.3.(1), if the building opening is into a room conforming to Subsection 3.2.8. and is
- used for no purpose other than the storage of compressed gases, thus presenting the same level of hazard as the outdoor cylinders, and
- separated from the remainder of the building [by a gas-tight separation] in a manner that will limit the probability of the migration of gases from the outdoor cylinders into the remainder of the building.

This is to limit the probability that gas will enter a building from the room, which could lead to harm to persons.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.6.1.(1)-01
Attribution - functional statement/objective Not applicable

Application

1) This Subsection shall apply to the outdoor storage of tires or shredded tires where the bulk volume of stored product exceeds 300 m$^3$. (See Appendix A.)

Intent

1. To state the application of Subsection 3.3.6.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.6.2.(1)-01
Attribution - functional statement/objective Not applicable

CodeText
1) This Subsection shall not apply to the storage of tires or shredded tires that are
a) covered by a minimum depth of 150 mm of noncombustible material, or
b) buried in a lined and covered trench system for recovery and reuse.
(See Appendix A.)

Application
A1. Outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m³ and that are
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

Intent
I1. To exclude from the application of Sentence 2.2.6.1.(1), tires and shredded tires that are unlikely
to become involved in a fire.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.6.3.(1)-01
Attribution - functional statement/objective F02-OP1.2

Application
1) No person shall store, or permit to be stored, tires or shredded tires in outdoor storage piles that exceed
   a) an individual pile volume of 300 m$^3$, 
   b) an individual storage area of 100 m$^2$, or 
   c) a storage pile height of 3 m.

Exception:
   except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
   - covered by a minimum depth of 150 mm of noncombustible material, or
   - buried in a lined and covered trench system for recovery and reuse.

Intent
I1. To limit the probability that a fire involving tires or shredded tires in a pile would spread to adjacent piles of tires, stored products, or buildings, which could lead to damage to buildings, facilities, and stored products.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.6.3.(2)-01
Attribution - functional statement/objective F03,F12-OP1.2

CodeText

2) No person shall store tires or shredded tires unless clearances from other stored product or salvage, including but not limited to tires, is maintained
   a) with a clear space of not less than 6 m,
   b) with at least 15 m from surrounding property lines, and
   c) with at least 15 m from buildings or as indicated in NFPA 80A, “Protection of Buildings from Exterior Fire Exposures,” whichever is the greatest distance.

Application

A1. Prohibition on the storage of tires or shredded tires in outdoor storage piles that exceed
   - an individual pile volume of 300 m$^3$,
   - an individual storage area of 100 m$^2$, or
   - a storage pile height of 3 m.

This applies to a storage pile for used tires or shredded tires that is
   - surrounded by a clear space not more than 6 m,
   - less than 15 m from surrounding property lines, and
   - less than 15 m from buildings or as indicated in NFPA 80A, “Protection of Buildings from Exterior Fire Exposures,” whichever is the greatest distance.

Exception:
except as stated in
   - Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
     - covered by a minimum depth of 150 mm of noncombustible material, or
     - buried in a lined and covered trench system for recovery and reuse.
   - 3.3.6.4.(1), which applies to a fire break between piles if the total volume of tires exceeds 4800 m$^3$.

Intent

I1. To limit the probability that a fire involving tires or shredded tires in a pile would spread to adjacent piles of tires, stored products, or buildings, which could lead to damage to buildings, facilities, and stored products.

I2. To limit the probability that a fire involving tires or shredded tires in outdoor storage piles would spread to adjacent piles of tires or other stored goods and compromise the ability of emergency responders to control the fire, which could lead to the spread of fire, which could lead to damage to buildings, facilities, and stored products.
Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number)  3.3.6.3.(2)-02
Attribution - functional statement/objective  F03,F12-OP3.1

CodeText

2) No person shall store tires or shredded tires unless clearances from other stored product or salvage, including but not limited to tires, is maintained
a) with a clear space of not less than 6 m,
b) with at least 15 m from surrounding property lines, and
c) with at least 15 m from buildings or as indicated in NFPA 80A, “Protection of Buildings from Exterior Fire Exposures,” whichever is the greatest distance.

Application

A1. Prohibition on the storage of tires or shredded tires in outdoor storage piles that exceed
- an individual pile volume of 300 m$^3$,
- an individual storage area of 100 m$^2$, or
- a storage pile height of 3 m.

This applies to a storage pile for used tires or shredded tires that is
- surrounded by a clear space not more than 6 m,
- less than 15 m from surrounding property lines, and
- less than 15 m from buildings or as indicated in NFPA 80A, “Protection of Buildings from Exterior Fire Exposures,” whichever is the greatest distance.

Exception: except as stated in
- Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
  - covered by a minimum depth of 150 mm of noncombustible material, or
  - buried in a lined and covered trench system for recovery and reuse.
- Sentence 3.3.6.4.(1), which applies to a fire break between piles if the total bulk volume of tires exceeds 4800 m$^3$.

Intent

I1. To limit the probability that a fire involving tires or shredded tires in a pile would spread to adjacent piles of tires, stored products, or buildings, which could lead to damage to adjacent buildings, facilities, and stored products.

I2. To limit the probability that a fire involving tires or shredded fires in outdoor storage piles would spread to adjacent piles of tires or other stored goods and compromise the ability of emergency responders to control the fire, which could lead to the spread of fire, which could lead to damage to adjacent buildings, facilities, and stored products.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Prohibition on the location below electrical power lines of individual storage piles in outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m$^3$.

Exception: except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

Intent
I1. To limit the probability that a fallen electrical power line could ignite a pile of stored tires or shredded tires.

I2. To limit the probability that a fire in a pile of tires or shredded tires could lead to the failure of overhead electrical power lines, which could lead to the loss of electrical power to the storage site, which could lead to the loss of electrical power to fire protection equipment, which could lead to the loss of fire protection in the event of a fire, which could lead to harm to persons.

I3. To limit the probability that a fire in a pile of tires or shredded tires could lead to failure of overhead electrical power lines, which could lead to fallen live wires, which could lead to contact with persons, which could lead to harm to persons, including emergency responders.
A1. Prohibition on the location below electrical power lines of individual storage piles in outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m$^3$.

Exception:
- except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
  - covered by a minimum depth of 150 mm of noncombustible material, or
  - buried in a lined and covered trench system for recovery and reuse.

I1. To limit the probability that a fallen electrical power line could ignite a pile of stored tires or shredded tires, which could lead to the spread of fire, which could lead to damage to adjacent buildings, facilities, and stored products.

I2. To limit the probability that a fire in a pile of tires or shredded tires could lead to the failure of overhead electrical power lines, which could lead to the loss of electrical power to the storage site, which could lead to the loss of electrical power to fire protection equipment, which could lead to the loss of fire protection in the event of a fire, which could lead to damage to adjacent buildings, facilities, and stored products.
A1. Fire break around the perimeter of individual storage piles in outdoor storage of tires and shredded tires whose total bulk volume exceeds 4800 m$^3$.

Exception: except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

I1. To limit the probability of a fire in an individual storage pile spreading to an adjacent pile, which could lead to a fire involving multiple piles in the storage area, which could lead to damage to a substantial area of the total storage facility.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.6.5.(1)-01
Attribution - functional statement/objective F82-OP1.4

Text

Application

A1. Outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m³.

Exception:
except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

Intent

II. To limit the probability that a lack of regular maintenance of a fuel fired vehicle could lead to a fire involving the vehicle, which could lead to a fire spreading to adjacent stored tires or shredded tires, which could lead to damage to the storage facility.
Application and intent of Division B provisions

A1. Prohibition on smoking or the use of open flame appliances or devices in an area used for the outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m$^3$.

Exception:
except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

I1. To limit the probability that flames or sparks could ignite tires or shredded tires, which could lead to a fire, which could lead to damage to the storage facility.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Emergency planning measures in a fire safety plan for an area used for the outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m$^3$.

Exception:
- except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
  - covered by a minimum depth of 150 mm of noncombustible material, or
  - buried in a lined and covered trench system for recovery and reuse.

1) Emergency planning measures conforming to Section 2.8. shall be provided for storage areas described in Article 3.3.6.1.

Application

A1. Emergency planning measures in a fire safety plan for an area used for the outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m$^3$.

Exception:
- except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
  - covered by a minimum depth of 150 mm of noncombustible material, or
  - buried in a lined and covered trench system for recovery and reuse.

Intent

I1. To state the application of Section 2.8. to a tire storage area conforming to Article 3.3.6.1.
A1. Retention on site of the fire safety plan for an area used for the outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m$^3$.

Exception:
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

## Intent
I1. To state that the fire safety plan must be retained on site.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.6.7.(3)-01
Attribution - functional statement/objective Not applicable

CodeText

3) Access to heavy-duty equipment such as bulldozers, front-end loaders and similar equipment shall be included in the fire safety plan.

Application

A1. Access to heavy-duty equipment to be used during a fire at a facility for the outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m³.

Exception:
except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

Intent

I1. To state details to be included in the fire safety plan.
A1. Provision of fire department access routes at a facility for the outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m$^3$.

Exception:
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

Intent
I1. To limit the probability that a deficiency in fire department access routes would lead to a delay or inefficiency in emergency response operations, which could lead to a spread of fire, which could lead to damage to property.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.6.8.(1)-02
Attribution - functional statement/objective F12-OP3.1

Application

A1. Provision of fire department access routes at a facility for the outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m³.

Exception:
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

Intent

I.1. To limit the probability that a deficiency in fire department access routes would lead to a delay or inefficiency in emergency response operations, which could lead to a spread of fire to adjacent piles of tires or to buildings, which could lead to damage to the storage facility or to adjacent property.
Application and intent of Division B provisions

Alberta Fire Code 2006

**CodeReference**  (including record number)  3.3.6.8.(1)-03

**Attribution - functional statement/objective**  Not applicable

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**CodeText**

1) A minimum of two fire department access routes conforming to Article 3.2.5.6. of Division B of the Alberta Building Code 2006, located as remotely as possible from each other, shall be provided for each tire storage area.

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**Application**

A1. Provision of fire department access routes at a facility for the outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m³.

Exception:
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

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**Intent**

I1. To state the application of Article 3.2.5.6. of Division B of the Alberta Building Code 2006 to a facility for the outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m³.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.6.8.(2)-01
Attribution - functional statement/objective F12-OP1.2

CodeText

2) A fire department access route shall be provided within 50 m of any point in the storage yard where storage piles are located, and not closer than 6 m to any individual storage pile.

Application

A1. Provision of fire department access routes at a facility for the outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m³.

Exception:
except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

Intent

I1. To limit the probability that an excessive distance between a fire department access route and a storage pile would lead to delays or inefficiency in emergency response operations, which could lead to spread of fire, which could lead to damage to buildings, facilities, and stored products.

I2. To limit the probability that a fire department access route would be so close to a storage pile that fire fighting equipment and emergency responders would be exposed to radiation and heat from a fire, which could lead to difficulties in fighting a fire, which could lead to fire spread, which could lead to damage to buildings, property, and stored products.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.6.8.(2)-02
Attribution - functional statement/objective F12-OP3.1

CodeText

2) A fire department access route shall be provided within 50 m of any point in the storage yard where storage piles are located, and not closer than 6 m to any individual storage pile.

Application

A1. Provision of fire department access routes at a facility for the outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m³.

Exception:
except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

Intent

I1. To limit the probability that an excessive distance between a fire department access route and a storage pile would lead to delays or inefficiency in emergency response operations, which could lead to spread of fire, which could lead to damage to adjacent buildings, facilities, and stored products.

I2. To limit the probability that a fire department access route would be so close to a storage pile that fire fighting equipment and emergency responders would be exposed to radiation and heat from a fire, which could lead to difficulties in fighting a fire, which could lead to fire spread, which could lead to damage to adjacent buildings, property, and stored products.
Application and intent of Division B provisions

Alberta Fire Code 2006

CodeReference (including record number) 3.3.6.9.(1)-01
Attribution - functional statement/objective Not applicable

Application

A1. Fencing around a facility for the outdoor storage of tires and shredded tires whose bulk volume exceeds 600 m³.

Exception:
except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

Intent

I1. To direct the Alberta Fire Code 2006 user to Article 3.3.2.6. for fencing requirements around a facility which has a storage capacity for tires or shredded tires exceeding 600 m³.
Application and intent of Division B provisions

Alberta Fire Code 2006

Application
1) Storage areas shall be maintained free of combustible vegetation for at least 4.5 m from the stored material and shall be not less than 30 m from brush and forested areas.

Exception:
except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that
- covered by a minimum depth of 150 mm of noncombustible material, or
- buried in a lined and covered trench system for recovery and reuse.

Intent
I1. To limit the probability that a lack of maintenance of space around storage areas would lead to an accumulation of combustible vegetation that could be a medium for fire spread between storage piles, which could lead to the spread of fire, which could lead to damage to buildings, facilities, and stored products.

I2. To limit the probability of spread of fire throughout a storage area, which could lead to damage to buildings, facilities, and stored products.
Application and intent of Division B provisions

Alberta Fire Code 2006

A1. Maintenance of clear space at facilities used for the outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m³.

Exception:
except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
   - covered by a minimum depth of 150 mm of noncombustible material, or
   - buried in a lined and covered trench system for recovery and reuse.

Application

A1. Maintenance of clear space at facilities used for the outdoor storage of tires and shredded tires whose bulk volume exceeds 300 m³.

Exception:
except as stated in Sentence 3.3.6.1.(2), which applies to the storage of tires or shredded tires that are
   - covered by a minimum depth of 150 mm of noncombustible material, or
   - buried in a lined and covered trench system for recovery and reuse.

Intent

I1. To limit the probability that a lack of maintenance of space around storage areas would lead to an accumulation of combustible vegetation that could be a medium for fire spread from brush and forested areas to storage piles, which could lead to the spread of fire, which could lead to damage to buildings, facilities, and stored products.

I2. To limit the probability of spread of fire throughout a storage area, which could lead to damage to adjacent buildings, facilities, and stored products.