

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.1.(1)-01
Attribution - functional statement/objective *Not applicable*

CodeText

1) This Part provides for the inspection, testing and maintenance of the fire emergency systems installed in high *buildings* as defined in Subsection 3.2.6. of Division B of the Alberta Building Code 2006.

Application

A1. Inspection, testing and maintenance of fire emergency systems installed in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To state the application of Part 7.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.2.(1)-01
Attribution - functional statement/objective *Not applicable*

CodeText

1) Except as provided in Sentence (2), fire emergency systems required to be installed in *buildings* in conformance with Subsection 3.2.6. of Division B of the Alberta Building Code 2006 shall be tested in conformance with Sections 7.2. and 7.3.

Application

A1. Testing of fire emergency systems required to be installed in conformance with Subsection 3.2.6. of Division B of the Alberta Building Code 2006.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Exception:

except as stated in Sentence 7.1.1.2.(2), which applies to fire emergency systems required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 that do not conform to a specific measure outlined in Commentary C of the User's Guide - NBC 1995 (Part 3).

Intent

I1. To direct Alberta Fire Code 2006 users to Sections 7.2. and 7.3.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.2.(2)-01
Attribution - functional statement/objective F82-OP1.2

CodeText

2) Any fire emergency system required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 that does not conform to a specific measure outlined in Commentary C of the User's Guide – NBC 1995 (Part 3) shall be tested to ensure that it operates as intended.

Application

A1. Testing of fire emergency systems required by Section 3.2.6. of Division B of the Alberta Building Code 2006 that do not conform to a specific measure outlined in Commentary C of the User's Guide - NBC 1995 (Part 3).

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
-

Intent

I1. To exempt certain fire emergency systems from the application of Sentence 7.1.1.2.(1), which would otherwise require conformance with Sections 7.2. and 7.3., on the basis that such systems will be tested to ensure that they operate as intended. This is to limit the probability that deficiencies in the fire emergency systems will go unnoticed, which could lead to the systems not operating as originally intended in a fire situation, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.2.(2)-02

Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

2) Any fire emergency system required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 that does not conform to a specific measure outlined in Commentary C of the User's Guide – NBC 1995 (Part 3) shall be tested to ensure that it operates as intended.

Application

A1. Testing of fire emergency systems required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 that do not conform to a specific measure outlined in Commentary C of the User's Guide - NBC 1995 (Part 3).

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To exempt certain fire emergency systems from the application of Sentence 7.1.1.2.(1), which would otherwise require conformance with Sections 7.2. and 7.3., on the basis that such systems will be tested to ensure that they operate as intended. This is to limit the probability that deficiencies in the fire emergency systems will go unnoticed, which could lead to the systems not operating as originally intended in a fire situation, which could lead to harm to persons, including emergency responders.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.2.(3)-01

Attribution - functional statement/objective F82-OP1.2

CodeText

3) Deficiencies noted during the testing described in Sentences (1) and (2) shall be corrected.

Application

A1. Correction of deficiencies noted during the testing of fire emergency systems required:

- to be installed in *buildings* in conformance with Subsection 3.2.6. of Division B of the Alberta Building Code 2006, and
- by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 that do not conform to a specific measure outlined in Commentary C of the User's Guide - NBC 1995 (Part 3).

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that fire emergency systems will not operate as originally intended in a fire situation, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.2.(3)-02

Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

3) Deficiencies noted during the testing described in Sentences (1) and (2) shall be corrected.

Application

A1. Correction of deficiencies noted during the testing of fire emergency systems required:

- to be installed in *buildings* in conformance with Subsection 3.2.6. of Division B of the Alberta Building Code 2006, and
- by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 that do not conform to a specific measure outlined in Commentary C of the User's Guide - NBC 1995 (Part 3).

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that fire emergency systems will not operate as originally intended in a fire situation, which could lead to harm to persons, including emergency responders.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.3.(1)-01
Attribution - functional statement/objective *Not applicable*

CodeText

1) A written record shall be kept of all tests and corrective measures required by Article 7.1.1.2., and such record shall be retained for examination by the *authority having jurisdiction*, in conformance with Article 2.2.1.2. of Division C.

Application

A1. Retention of records for examination by the *authority having jurisdiction*, of all tests and corrective measures taken as a result of the tests required by Article 7.1.1.2. of fire emergency systems required:

- to be installed in *buildings* in conformance with Subsection 3.2.6. of Division B of the Alberta Building Code 2006, and
- by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 that do not conform to a specific measure outlined in Commentary C of the User's Guide - NBC 1995 (Part 3).

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
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Intent

I1. To state the application of Article 2.2.1.2. of Division C

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.4.(1)-01
Attribution - functional statement/objective *Not applicable*

CodeText

1) In addition to the requirements of Part 6, components of fire emergency systems shall be maintained in conformance with Sentences (2) to (6).

Application

A1. Maintenance of components of fire emergency systems, as required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
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Intent

I1. To direct Alberta Fire Code 2006 users to Sentences 7.1.1.4.(2) to 7.1.1.4.(5).

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.4.(2)-01

Attribution - functional statement/objective F12-OP1.2

CodeText

2) The keys required to recall elevators and to permit independent operation of each elevator shall be kept in the locations required by Sentence 2.5.1.3.(1).

Application

A1. Locations required by Sentence 2.5.1.3.(1) for keys to recall elevators and to permit independent operation of each elevator.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that emergency responders will not be able to readily locate and utilize elevator keys in a fire situation, which could lead to delays or inefficiencies in emergency response operations, which could lead to the spread of fire, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.4.(2)-02

Attribution - functional statement/objective F12-OS1.2,OS1.5

CodeText

2) The keys required to recall elevators and to permit independent operation of each elevator shall be kept in the locations required by Sentence 2.5.1.3.(1).

Application

A1. Locations required by Sentence 2.5.1.3.(1) for keys to recall elevators and to permit independent operation of each elevator.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

- I1. To limit the probability that emergency responders will not be able to readily locate and utilize elevator keys in a fire situation, which could lead to
- delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders, and
 - delays or inefficiencies in emergency rescue operations, which could lead to delays in the evacuation or movement of persons to a safe place, which could lead to harm to persons, including emergency responders.
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Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.4.(3)-01

Attribution - functional statement/objective F12-OP1.2

CodeText

3) Access to windows and panels required to vent *floor areas* and vents to vestibules permitted to be manually openable shall be kept free of obstruction.

Application

A1. Obstruction of access to windows and panels required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 to vent *floor areas* and of vents to vestibules permitted to be manually openable.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

- I1. To limit the probability that venting of floor areas will be delayed in a fire situation, which could lead to the buildup of smoke on floor areas, which could lead to
- delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to damage to the building, and
 - damage to the building.
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Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.4.(3)-02

Attribution - functional statement/objective F12-OS1.2

CodeText

3) Access to windows and panels required to vent *floor areas* and vents to vestibules permitted to be manually openable shall be kept free of obstruction.

Application

A1. Obstruction of access to windows and panels required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 to vent *floor areas* and of vents to vestibules permitted to be manually openable.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that venting of floor areas will be delayed in a fire situation, which could lead to the buildup of smoke on floor areas, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.4.(4)-01

Attribution - functional statement/objective F12-OP1.2

CodeText

4) Windows and panels provided for venting *floor areas* shall be maintained so as to be openable without the use of keys.

Application

A1. Maintenance of windows and panels required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 for venting *floor areas*.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

- I1. To limit the probability that windows and panels for venting will not be readily openable without the use of keys in a fire situation, which could lead to delays in venting of floor areas, which could lead to the buildup of smoke on floor areas, which could lead to
- delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to damage to the building, and
 - damage to the building.
-

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.4.(4)-02

Attribution - functional statement/objective F12-OS1.2

CodeText

4) Windows and panels provided for venting *floor areas* shall be maintained so as to be openable without the use of keys.

Application

A1. Maintenance of windows and panels required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 for venting *floor areas*.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
-

Intent

I1. To limit the probability that windows and panels for venting will not be readily openable without the use of keys in a fire situation, which could lead to delays in venting of floor areas, which could lead to the buildup of smoke on floor areas, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.4.(5)-01

Attribution - functional statement/objective F82-OP1.2

CodeText

5) Vents to vestibules permitted to be manually openable shall be maintained in an operable condition.

Application

A1. Maintenance of manually openable vents to vestibules required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006, when a high *building* is connected to any other *building*.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
-

Intent

I1. To limit the probability that vents to vestibules will not be readily openable in a fire situation, which could lead to the migration of smoke from an adjacent building to 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) 7.1.1.4.(5)-02
Attribution - functional statement/objective F82-OP3.1

CodeText

5) Vents to vestibules permitted to be manually openable shall be maintained in an operable condition.

Application

A1. Maintenance of manually openable vents to vestibules required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006, when a high *building* is connected to any other *building*.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
-

Intent

I1. To limit the probability that vents to vestibules will not be readily openable in a fire situation, which could lead to the migration of smoke from the building to an adjacent building, which could lead to damage to adjacent buildings or facilities.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.4.(5)-03

Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

5) Vents to vestibules permitted to be manually openable shall be maintained in an operable condition.

Application

A1. Maintenance of manually openable vents to vestibules required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006, when a high *building* is connected to any other *building*.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that vents to vestibules will not be readily openable in a fire situation, which could lead to the migration of smoke from one building to another building, which could lead to the obscuration of egress and exit routes, which could lead to delays in the evacuation or movement of persons to a safe place, which could lead to harm to persons.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.4.(6)-01

Attribution - functional statement/objective F12-OS1.2

CodeText

6) Where firefighters' elevator identification has been provided as required by elevator regulations made pursuant to the Safety Codes Act, it shall be maintained in a condition acceptable to the fire department.

Application

A1. Maintenance of firefighters' elevator identification as required by elevator regulations made pursuant to the Safety Codes Act, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006 that

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that emergency responders would not be able to readily locate and utilize the elevator for emergency use in a fire situation, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to spread of fire, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that emergency responders would not be able to readily locate and utilize the elevator for emergency use in a fire situation, which could lead to delays or inefficiencies in emergency rescue operations, which could lead to delays in evacuating persons or moving persons to a safe place, which could lead to harm to persons.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.1.1.4.(6)-02

Attribution - functional statement/objective F12-OP1.2

CodeText

6) Where firefighters' elevator identification has been provided as required by elevator regulations made pursuant to the Safety Codes Act, it shall be maintained in a condition acceptable to the fire department.

Application

A1. Maintenance of firefighters' elevator identification as required by elevator regulations made pursuant to the Safety Codes Act, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006 that

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
-

Intent

I1. To limit the probability that emergency responders would not be able to readily locate and utilize the elevator for emergency use in a fire situation, which could lead to delays or inefficiencies in emergency response operations, which could lead to spread of fire, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.1.1.(1)-01
Attribution - functional statement/objective F82-OP1.2

CodeText

1) Except as specifically prescribed in this Part, all tests specified in this Section and Section 7.3. shall be carried out at intervals not greater than 3 months, except that longer intervals between tests are permitted in conformance with Clause 1.2.1.1.(1)(b) of Division A. (See Appendix A.)

Application

A1. Frequency of tests specified in Section 7.2. and Section 7.3.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Exception:

except as

- provided in conformance with Part 1, which permits longer intervals between tests, and
- specifically prescribed in this Part [see 7.2.1.1.(1)-03].

Intent

I1. To limit the probability that deficiencies in fire emergency systems will go unnoticed, which could lead to such systems not operating as originally intended in a fire situation, which could lead to

- delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to damage to the building,
- the buildup of smoke on floor areas, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to damage to the building, and
- the buildup of smoke on floor areas or in exit stair shafts, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.1.1.(1)-02
Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

1) Except as specifically prescribed in this Part, all tests specified in this Section and Section 7.3. shall be carried out at intervals not greater than 3 months, except that longer intervals between tests are permitted in conformance with Clause 1.2.1.1.(1)(b) of Division A. (See Appendix A.)

Application

A1. Frequency of tests specified in Sections Section 7.2. and Section 7.3.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Exception:

except as

- provided in conformance with Part 1, which permits longer intervals between tests, and
- specifically prescribed in this Part [see 7.2.1.1.(1)-03].

Intent

I1. To limit the probability that deficiencies in fire emergency systems will go unnoticed, which could lead to such systems not operating as originally intended in a fire situation, which could lead to

- delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders,
- delays or inefficiencies in emergency rescue operations, which could lead to delays in the evacuation or movement of persons to a safe place, which could lead to harm to persons, including emergency responders,
- the buildup of smoke on floor areas, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders, and
- the buildup of smoke on floor areas or in exit stair shafts, which could lead to delays in the evacuation or movement of persons to a safe place, which could lead to harm to persons.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.1.1.(1)-03
Attribution - functional statement/objective *Not applicable*

CodeText

1) Except as specifically prescribed in this Part, all tests specified in this Section and Section 7.3. shall be carried out at intervals not greater than 3 months, except that longer intervals between tests are permitted in conformance with Clause 1.2.1.1.(1)(b) of Division A. (See Appendix A.)

Application

- A1. Frequency of tests specified in Sections Section 7.2. and Section 7.3. that is greater than 3 months, namely:
- Sentence 7.2.2.1.(3), which applies to elevators,
 - Sentence 7.2.2.2.(1), which applies to testing of elevators as required by Article 7.2.2.1.,
 - Sentence 7.3.2.1.(2), which applies to testing of switches at the central alarm and control facility, and
 - Sentence 7.3.2.2.(1), which applies to pressurized vestibules, elevator hoistways, stairshafts, core areas, and areas of refuge.

This applies to a high *building*, as defined in 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To override the 3-month interval in the latter part of this requirement [see also 7.2.1.1.(1)-01 and 7.2.1.1.(1)-02] for frequency of tests specified in Sections 7.2. and 7.3.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.2.1.(1)-01

Attribution - functional statement/objective F82-OP1.2

CodeText

1) Elevator door-opening devices operated by means of photo-electric cells shall be tested to ensure that the devices become inoperative after the door has been held open for more than 20 s with the photo-electric cell covered.

Application

A1. Testing of elevator door opening devices, operated by means of photo-electric-cells, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that door-opening devices operated by photo-cells would remain operative and prevent the doors from closing when exposed to smoke from a fire or to an obstruction, which could prevent operation of the elevator, which could lead to delays or inefficiencies in emergency response operations, which could lead to the spread of fire, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.2.1.(1)-02

Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

1) Elevator door-opening devices operated by means of photo-electric cells shall be tested to ensure that the devices become inoperative after the door has been held open for more than 20 s with the photo-electric cell covered.

Application

A1. Testing of elevator door opening devices, operated by means of photo-electric-cells, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that door-opening devices operated by photo-cells would remain operative and prevent the doors from closing when exposed to smoke from a fire or to an obstruction, which could prevent operation of the elevator, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to spread of fire, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that door-opening devices operated by photo-cells would remain operative and prevent the doors from closing when exposed to smoke from a fire or to an obstruction, which could prevent operation of the elevator, which could lead to delays or inefficiencies in emergency rescue operations, which could lead to delays in evacuating persons or moving persons to a safe place, which could lead to harm to persons.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.2.1.(2)-01
Attribution - functional statement/objective F82-OP1.2

CodeText

2) Key-operated switches located outside an elevator hoistway and intended for firefighter use shall be identified in a manner acceptable to the fire department and tested to ensure that

- a) in the "Off" position, the elevators will operate normally, even if the fire alarm is actuated,
- b) in the "Auto" position, actuation of the fire alarm system will
 - i) render any security or service lock-out features and the emergency stop switch inoperative as soon as the doors are closed and the car starts to move,
 - ii) cancel all other calls, and
 - iii) cause the cars to proceed non-stop to the recall level where the car doors will open and remain open,
- c) in the "On" position, the elevator will respond as specified in Clause (2)(b) without the fire alarm being actuated,
- d) neither the "Auto" or "On" position will override the elevator inspection mode, and
- e) the key can be removed from the key slot in any position.

Application

A1. Testing of key operated switches required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 that are located at elevator lobbies at the recall level and at the central alarm and control facility in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that emergency responders would not be able to utilize defective, or improperly identified, key-operated switches outside an elevator hoistway in a fire situation, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.2.1.(2)-02
Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

2) Key-operated switches located outside an elevator hoistway and intended for firefighter use shall be identified in a manner acceptable to the fire department and tested to ensure that

- a) in the "Off" position, the elevators will operate normally, even if the fire alarm is actuated,
- b) in the "Auto" position, actuation of the fire alarm system will
 - i) render any security or service lock-out features and the emergency stop switch inoperative as soon as the doors are closed and the car starts to move,
 - ii) cancel all other calls, and
 - iii) cause the cars to proceed non-stop to the recall level where the car doors will open and remain open,
- c) in the "On" position, the elevator will respond as specified in Clause (2)(b) without the fire alarm being actuated,
- d) neither the "Auto" or "On" position will override the elevator inspection mode, and
- e) the key can be removed from the key slot in any position.

Application

A1. Testing of key operated switches required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 that are located at elevator lobbies at the recall level and at the central alarm and control facility in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that emergency responders would not be able to utilize defective, or improperly identified, key-operated switches outside an elevator hoistway in a fire situation, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to spread of fire, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that emergency responders would not be able to utilize defective, or improperly identified, key-operated switches outside an elevator hoistway in a fire situation, which could lead to delays or inefficiencies in emergency rescue operations, which could lead to delays in evacuating persons or moving persons to a safe place, which could lead to harm to persons.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.2.1.(3)-01
Attribution - functional statement/objective F82-OP1.2

CodeText

- 3) Key-operated switches located in each elevator car and intended for firefighter use shall be identified in a manner acceptable to the fire department and tested to ensure that when in the “On” position
- a) the key can be removed from the key slot,
 - b) the power-operated doors will only open or close when the appropriate button is continuously depressed,
 - c) premature release of the button referred to in Clause (b) will cause the doors to automatically return to their previous position, and
 - d) the elevator will travel to the selected floor and will remain on that floor with its doors closed until the open button is pushed or another floor is chosen.
-

Application

- A1. Testing of key-operated switches in an elevator car that are required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006
- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
-

Intent

- I1. To limit the probability that emergency responders would not be able to utilize defective, or improperly identified, key-operated switches in an elevator car in a fire situation, which could lead to delays or inefficiencies in emergency response operations, which could lead to spread of fire, which could lead to damage to the building.
- I2. To limit the probability that emergency responders would not be able to utilize defective, or improperly identified, key-operated switches in an elevator car in a fire situation, which could lead to delays or inefficiencies in emergency response operations, which could lead to spread of fire, which could lead to damage to the building.
-

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.2.1.(3)-02
Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

- 3) Key-operated switches located in each elevator car and intended for firefighter use shall be identified in a manner acceptable to the fire department and tested to ensure that when in the “On” position
- a) the key can be removed from the key slot,
 - b) the power-operated doors will only open or close when the appropriate button is continuously depressed,
 - c) premature release of the button referred to in Clause (b) will cause the doors to automatically return to their previous position, and
 - d) the elevator will travel to the selected floor and will remain on that floor with its doors closed until the open button is pushed or another floor is chosen.
-

Application

- A1. Testing of key-operated switches in an elevator car that are required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006
- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
-

Intent

- I1. To limit the probability that emergency responders would not be able to utilize defective, or improperly identified, key-operated switches in an elevator car in a fire situation, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to spread of fire, which could lead to harm to persons, including emergency responders.
- I2. To limit the probability that emergency responders would not be able to utilize defective, or improperly identified, key-operated switches in an elevator car in a fire situation, which could lead to delays or inefficiencies in emergency rescue operations, which could lead to delays in evacuating persons or moving persons to a safe place, which could lead to harm to persons.
-

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.2.1.(4)-01

Attribution - functional statement/objective F82-OP1.2

CodeText

4) Key- or push-button-operated switches located outside the elevator cars and used to select an elevator or group of elevators to operate on emergency power shall be identified in a manner acceptable to the fire department and tested to ensure that, during a power failure,

- the pre-selected elevator or group of elevators will operate normally, and
- operation of the switches will transfer power to another elevator or group of elevators as indicated by the labelled switch position.

Application

A1. Testing of key-operated or push-button-operated switches that enable selected elevators to be operated under emergency power, as required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that emergency responders would not be able to operate elevators under emergency electrical power in a fire situation during a time that external electrical power supplies are not available, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to spread of fire, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.2.1.(4)-02

Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

4) Key- or push-button-operated switches located outside the elevator cars and used to select an elevator or group of elevators to operate on emergency power shall be identified in a manner acceptable to the fire department and tested to ensure that, during a power failure,

- the pre-selected elevator or group of elevators will operate normally, and
- operation of the switches will transfer power to another elevator or group of elevators as indicated by the labelled switch position.

Application

A1. Testing of key-operated or push-button-operated switches that enable selected elevators to be operated under emergency power, as required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that emergency responders would not be able to utilize defective, or improperly identified, key-operated switches in an elevator car in a fire situation, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to spread of fire, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that emergency responders would not be able to utilize defective, or improperly identified, key-operated switches in an elevator car in a fire situation, which could lead to delays or inefficiencies in emergency rescue operations, which could lead to delays in evacuating persons or moving persons to a safe place, which could lead to harm to persons.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.2.1.(5)-01

Attribution - functional statement/objective F82-OP1.2

CodeText

5) At intervals not greater than 12 months, the *building* emergency power systems shall be operated and each elevator capable of operating under emergency power shall be tested with no other source of electrical power.

Application

A1. Frequency of operating *building* emergency power systems and testing of elevators, as required by Sentence 7.2.2.1.(4), for elevators supplied with emergency power in a high *building*, as defined by Subsection 3.2.6. of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that deficiencies in emergency power and service features of elevators would not be noticed, which could lead to elevators not operating as originally intended in a fire situation, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.2.1.(5)-02

Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

5) At intervals not greater than 12 months, the *building* emergency power systems shall be operated and each elevator capable of operating under emergency power shall be tested with no other source of electrical power.

Application

A1. Frequency of operating *building* emergency power systems and testing of elevators, as required by Sentence 7.2.2.1.(4), for elevators supplied with emergency power in a high *building*, as defined by Subsection 3.2.6. of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that deficiencies in emergency power and service features of elevators would not be noticed, which could lead to these features not operating as originally intended in a fire situation, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that deficiencies in emergency power and service features of elevators would not be noticed, which could lead to these features not operating as originally intended in a fire situation, which could lead to delays or inefficiencies in emergency rescue operations, which could lead to delays in evacuating persons or moving persons to a safe place, which could lead to harm to persons.

I3. To limit the probability that deficiencies in emergency power and service features of elevators would not be noticed, which could lead to these features not operating as originally intended in a fire situation, which could lead to persons being trapped in a stalled elevator car, or elevator entrances opening on the fire floor and exposing the car occupants to fire, which could lead to harm to persons, including emergency responders.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.2.2.(1)-01
Attribution - functional statement/objective *Not applicable*

CodeText

1) The tests specified in this Subsection shall be carried out at intervals of not more than 12 months.

Application

A1. Testing of elevator door opening devices [7.2.2.1.(1)], key operated switches that control elevator operation [7.2.2.1.(2) to (4)], and emergency power supplies to elevators [7.2.2.1.(4)] in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To override the 3 month interval specified in Sentence 7.2.1.1.(1) for the frequency of tests specified in Subsection 7.2.2.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.3.1.(1)-01
Attribution - functional statement/objective F82-OP1.2

CodeText

- 1) The *closures* in vent openings into smoke shafts from each *floor area* shall be tested at intervals in conformance with Article 7.2.1.1. to ensure that
- a) they can be operated from a remote location such as a stairshaft, the *storey* immediately below or the central alarm and control facility, and
 - b) they will not open automatically on any *storey* other than the fire floor when smoke or hot gas passes through the shaft.

Application

A1. Testing of *closures* in vent openings into smoke shafts from each *floor area*, if this is the method selected for venting smoke from the *floor area* in order to satisfy Subsection 3.2.6. of Division B of the Alberta Building Code 2006.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

- I1. To limit the probability that deficiencies in the closures will go unnoticed, which could lead to such closures not opening as originally intended in a fire situation, which could lead to:
- the buildup of smoke on floor areas, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to damage to the building, and
 - the buildup of smoke on floor areas or in exit stair shafts, which could lead to damage to the building.
-

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.3.1.(1)-02
Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

- 1) The *closures* in vent openings into smoke shafts from each *floor area* shall be tested at intervals in conformance with Article 7.2.1.1. to ensure that
- they can be operated from a remote location such as a stairshaft, the *storey* immediately below or the central alarm and control facility, and
 - they will not open automatically on any *storey* other than the fire floor when smoke or hot gas passes through the shaft.

Application

A1. Testing of *closures* in vent openings into smoke shafts from each *floor area*, if this is the method selected for venting smoke from the *floor area* in order to satisfy Subsection 3.2.6. of Division B of the Alberta Building Code 2006.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

- I1. To limit the probability that deficiencies in the closures will go unnoticed, which could lead to such closures not opening as originally intended in a fire situation, which could lead to
- the buildup of smoke on floor areas, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders, and
 - the buildup of smoke on floor areas or in exit stair shafts, which could lead to delays in the evacuation or movement of persons to a safe place, which could lead to harm to persons.
-

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.3.1.(2)-01
Attribution - functional statement/objective *Not applicable*

CodeText

2) Sentence (1) does not require all *closures* in vent openings into smoke shafts to be tested on each test occasion, but a representative number may be tested at any one time provided the test, the number of *closures* and sequence is acceptable to the *authority having jurisdiction*.

Application

A1. Testing of *closures* in vent openings into smoke shafts from each *floor area*, if this is the method selected for venting smoke from the *floor area* in order to satisfy Subsection 3.2.6. of Division B of the Alberta Building Code 2006, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
-

Intent

I1. To exempt certain closures from the 3 month interval specified in Sentence 7.2.1.1.(1) for the frequency of tests of all closures specified in Sentence 7.2.3.1.(1) and permit a representative sample to be tested in accordance with the agreement of the authority having jurisdiction.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.3.2.(1)-01

Attribution - functional statement/objective F82-OS1.2

CodeText

1) In addition to the procedures described in Article 7.2.3.1., all elevators in an elevator hoistway that is designed for use as a smoke shaft shall be tested to ensure that on activation of the fire alarm system they will return to the *street* floor level and remain inoperative.

Application

A1. Testing of elevators in elevator hoistways that are designed for use as smoke shafts in accordance with Subsection 3.2.6. of the Alberta Building Code 1981 and earlier editions.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
-

Intent

I1. To limit the probability that deficiencies in the elevators and their recall operation will go unnoticed, which could lead to such elevators not returning to the street floor level and remaining inoperative in a fire situation, which could lead to persons in the elevator cars being exposed to smoke, which could lead to harm to such persons.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.3.3.(1)-01
Attribution - functional statement/objective F82-OP1.2

CodeText

- 1) Controls for air-handling systems used for venting in the event of a fire shall be tested to ensure that
- a) the system can maintain an exhaust to the outdoors at a rate of six air changes per hour from any *floor area*, and
 - b) emergency power to the fans required by Clause (a) is provided as described in Article 3.2.7.9. of Division B of the Alberta Building Code 2006.

Application

A1. Testing of controls for air-handling systems used for venting in the event of a fire, as required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006.

This applies to high a *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that deficiencies in emergency power to fans and in controls for air-handling systems used to vent smoke would not be noticed, which could lead to the air-handling systems not operating as originally intended in a fire situation, which could lead to the accumulation of smoke within floor areas, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to spread of fire, which could lead to damage to the building.

I2. To limit the probability that deficiencies in emergency power to fans and in controls for air-handling systems used to vent smoke would not be noticed, which could lead to the air-handling systems not operating as originally intended in a fire situation, which could lead to the accumulation of smoke within floor areas or within exit stair shafts, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.3.3.(1)-02

Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

- 1) Controls for air-handling systems used for venting in the event of a fire shall be tested to ensure that
- a) the system can maintain an exhaust to the outdoors at a rate of six air changes per hour from any *floor area*, and
 - b) emergency power to the fans required by Clause (a) is provided as described in Article 3.2.7.9. of Division B of the Alberta Building Code 2006.

Application

A1. Testing of controls for air-handling systems used for venting in the event of a fire, as required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006.

This applies to high a *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that deficiencies in emergency power to fans and in controls for air-handling systems used to vent smoke would not be noticed, which could lead to the air-handling systems not operating as originally intended in a fire situation, which could lead to the accumulation of smoke within floor areas, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to spread of fire, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that deficiencies in emergency power to fans and in controls for air-handling systems used to vent smoke would not be noticed, which could lead to the air-handling systems not operating as originally intended in a fire situation, which could lead to the accumulation of smoke within floor areas or within exit stair shafts, which could lead to delays in the evacuation or movement of persons to a safe place, which could lead to harm to persons.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.3.4.(1)-01
Attribution - functional statement/objective *Not applicable*

CodeText

1) A written record shall be kept of all tests and corrective measures required by this Subsection and it shall be retained in conformance with Article 2.2.1.2. of Division C.

Application

A1. Retention of records for examination by the *authority having jurisdiction*, of all tests and corrective measures taken as a result of the testing required by Article 7.1.1.2. of fire emergency systems required in conformance with Subsection 3.2.6. of Division B of the Alberta Building Code 2006, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

A2. Retention of records for examination by the *authority having jurisdiction*, of all tests and corrective measures taken as a result of the testing required by Article 7.1.1.2. of fire emergency systems required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 that do not conform to a specific measure outlined in Chapter 3 of the Supplement to the National Building Code of Canada 1990, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To state the application of Article 2.2.1.2. of Division C.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.4.1.(1)-01

Attribution - functional statement/objective F82-OP1.2

CodeText

1) Air moving fans in a system serving more than 2 *storeys* shall be tested to ensure that they will stop on activation of a switch at the central alarm and control facility.

Application

A1. Testing of air moving fans in a system serving more than 2 *storeys*, as required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006,

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
-

Intent

I1. To limit the probability that deficiencies in the air moving fans will go unnoticed, which could lead to such fans not operating as originally intended in a fire situation, which could lead to the migration of smoke to other parts of the building, which could lead to

- delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to damage to the building, and
- damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.4.1.(1)-02

Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

1) Air moving fans in a system serving more than 2 *storeys* shall be tested to ensure that they will stop on activation of a switch at the central alarm and control facility.

Application

A1. Testing of air moving fans in a system serving more than 2 *storeys*, as required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that deficiencies in the air moving fans will go unnoticed, which could lead to such fans not operating as originally intended in a fire situation, which could lead to the migration of smoke to other parts of the building, which could lead to

- delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders, and
- delays in the evacuation or movement of persons to a safe place, which could lead to harm to persons.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.4.2.(1)-01

Attribution - functional statement/objective F82-OP1.2

CodeText

1) Doors to vestibules that are normally held open by a hold-open device connected to the *building* fire alarm system shall be tested to ensure that they will close on a signal from the central alarm and control facility.

Application

A1. Testing of doors to vestibules that are normally held open by a hold-open device connected to the *building's* fire alarm system, as required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that deficiencies in the vestibule doors will go unnoticed, which could lead to such doors not closing as originally intended in a fire situation, which could lead to the migration of smoke to other parts of the building, which could lead to

- delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to damage to the building, and
 - damage to the building.
-

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.2.4.2.(1)-02

Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

1) Doors to vestibules that are normally held open by a hold-open device connected to the *building* fire alarm system shall be tested to ensure that they will close on a signal from the central alarm and control facility.

Application

A1. Testing of doors to vestibules that are normally held open by a hold-open device connected to the *building's* fire alarm system, as required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that deficiencies in the vestibule doors will go unnoticed, which could lead to such doors not closing as originally intended in a fire situation, which could lead to the migration of smoke to other parts of the building, which could lead to

- delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders, and
 - delays in the evacuation or movement of persons to a safe place, which could lead to harm to persons.
-

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.3.1.1.(1)-01
Attribution - functional statement/objective *Not applicable*

CodeText

1) The test procedures described in Subsection 7.3.2., as appropriate to the fire safety system being used, shall be carried out in addition to those required by Sections 7.1. and 7.2., unless other arrangements acceptable to the *authority having jurisdiction* are included in the fire safety plan. (See Appendix A.)

Application

A1. Test procedures described in Subsection 7.3.2. as appropriate to the fire safety system being used.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Exception:
except as otherwise specified in the fire safety plan.

Intent

I1. To clarify that test procedures described in Subsection 7.3.2. are in addition to those required by Sections 7.1. and 7.2.

I2. To clarify that testing procedures developed as part of the fire safety plan [required by Section 2.8.], and accepted by the authority having jurisdiction, supersede the testing procedures specified in Part 7.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.3.1.2.(1)-01
Attribution - functional statement/objective *Not applicable*

CodeText

1) Where vestibules or stairshafts are pressurized as a means of smoke control, all doors in the path of *exit* travel shall be tested to ensure that they can be operated as required in Article 2.7.2.1. when the entire smoke control system is being tested.

Application

A1. Testing, when the entire smoke control system is being tested, of doors in a path of travel to an *exit* that serves a vestibule or a stair shaft that is pressurized as a means of smoke control.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To expand the application of Article 2.7.2.1.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.3.1.2.(1)-02
Attribution - functional statement/objective F82-OP1.2

CodeText

1) Where vestibules or stairshafts are pressurized as a means of smoke control, all doors in the path of *exit* travel shall be tested to ensure that they can be operated as required in Article 2.7.2.1. when the entire smoke control system is being tested.

Application

A1. Testing, when the entire smoke control system is being tested, of doors in a path of travel to an *exit*, which serves a vestibule or a stair shaft that is pressurized as a means of smoke control.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that deficiencies in doors that serve pressurized vestibules or stairshafts and that are in a path of travel to an exit would not be noticed, which could lead to the doors not closing as originally intended in a fire situation, which could lead to the migration of smoke to other parts of the building, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to damage to the building.

I2. To limit the probability that deficiencies in doors that serve pressurized vestibules or stairshafts and that are in a path of travel to an exit would not be noticed, which could lead to the doors not closing as originally intended in a fire situation, which could lead to the migration of smoke 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) 7.3.1.2.(1)-03

Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

1) Where vestibules or stairshafts are pressurized as a means of smoke control, all doors in the path of *exit* travel shall be tested to ensure that they can be operated as required in Article 2.7.2.1. when the entire smoke control system is being tested.

Application

A1. Testing, when the entire smoke control system is being tested, of doors in a path of travel to an *exit*, which serves a vestibule or a stair shaft that is pressurized as a means of smoke control.

This applies to a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that deficiencies in doors that serve pressurized vestibules or stairshafts and that are in a path of travel to an exit would not be noticed, which could lead to the doors not closing as originally intended in a fire situation, which could lead to the migration of smoke to other parts of the building, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to harm to persons, including emergency responders.

I2. To limit the probability that deficiencies in doors that serve pressurized vestibules or stairshafts and that are in a path of travel to an exit would not be noticed, which could lead to the doors not closing as originally intended in a fire situation, which could lead to the migration of smoke to other parts of the building, which could lead to delays in the evacuation or movement of persons to a safe place, which could lead to harm to persons.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.3.1.3.(1)-01
Attribution - functional statement/objective *Not applicable*

CodeText

1) A written record shall be kept of all tests and corrective measures required by Subsection 7.3.2., and such record shall be retained in conformance with Article 2.2.1.2. of Division C.

Application

A1. Retention of records for examination by the *authority having jurisdiction*, of all tests and corrective measures taken as a result of the testing required by Subsection 7.3.2. of fire emergency systems required in conformance with Subsection 3.2.6. of Division B of the Alberta Building Code 2006, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

A2. Retention of records for examination by the *authority having jurisdiction*, of all tests and corrective measures taken as a result of the testing required by Subsection 7.3.2. of fire emergency systems required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 that do not conform to a specific measure outlined in Chapter 3 of the Supplement to the National Building Code of Canada 1990, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To state the application of Article 2.2.1.2. of Division C with respect to testing conducted in accordance with Subsection 7.3.2.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.3.1.3.(1)-02
Attribution - functional statement/objective F82-OP1.2

CodeText

1) A written record shall be kept of all tests and corrective measures required by Subsection 7.3.2., and such record shall be retained in conformance with Article 2.2.1.2. of Division C.

Application

A1. Retention of records for examination by the *authority having jurisdiction*, of all tests and corrective measures taken as a result of the testing required by Subsection 7.3.2. of fire emergency systems required in conformance with Subsection 3.2.6. of Division B of the Alberta Building Code 2006, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

A2. Retention of records for examination by the *authority having jurisdiction*, of all tests and corrective measures taken as a result of the testing required by Subsection 7.3.2. of fire emergency systems required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 that do not conform to a specific measure outlined in Chapter 3 of the Supplement to the National Building Code of Canada 1990, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that deficiencies in certain fire emergency and smoke control systems would not be noticed, which could lead to those systems not operating as originally intended in a fire situation, which could lead to the accumulation of smoke within floor areas or within exit stair shafts, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to damage to the building.

I2. To limit the probability that deficiencies in certain fire emergency and smoke control systems would not be noticed, which could lead to those systems not operating as originally intended in a fire situation, which could lead to the accumulation of smoke within floor areas or within exit stair shafts, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.3.1.3.(1)-03
Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

1) A written record shall be kept of all tests and corrective measures required by Subsection 7.3.2., and such record shall be retained in conformance with Article 2.2.1.2. of Division C.

Application

A1. Retention of records for examination by the *authority having jurisdiction*, of all tests and corrective measures taken as a result of the testing required by Subsection 7.3.2. of fire emergency systems required in conformance with Subsection 3.2.6. of Division B of the Alberta Building Code 2006, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

A2. Retention of records for examination by the *authority having jurisdiction*, of all tests and corrective measures taken as a result of the testing required by Subsection 7.3.2. of fire emergency systems required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006 that do not conform to a specific measure outlined in Chapter 3 of the Supplement to the National Building Code of Canada 1990, in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that deficiencies in certain fire emergency and smoke control systems would not be noticed, which could lead to those systems not operating as originally intended in a fire situation, which could lead to the accumulation of smoke within floor areas or within exit stair shafts, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to the spread of fire, which could lead to harm to persons.

I2. To limit the probability that deficiencies in certain fire emergency and smoke control systems would not be noticed, which could lead to those systems not operating as originally intended in a fire situation, which could lead to the accumulation of smoke within floor areas or within exit stair shafts, which could lead to delays in the evacuation or movement of persons to a safe place, which could lead to harm to persons.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.3.2.1.(1)-01
Attribution - functional statement/objective F82-OP1.2

CodeText

- 1) If applicable, switches at the central alarm and control facility shall be tested at intervals conforming to Article 7.2.1.1. to ensure that
- closures* to vent openings in *vertical service spaces*, elevator hoistways, smoke shafts, stairshafts and outdoors in vestibules and below-grade *floor areas* will operate as designed,
 - pressurization, exhaust, and supply air fans for vestibules, elevator hoistways, stairshafts, and *floor areas*, including refuge areas, will operate as designed,
 - dampers in air-handling systems that serve more than 2 *storeys* will close automatically and remain closed,
 - dampers in return air and exhaust ducts will operate as designed,
 - closures* in openings in the walls and roofs of the central core will close automatically and remain closed, and
 - doors to vestibules, if normally held open, will close automatically and remain closed.
-

Application

A1. Testing of switches, at a central alarm and control facility, controlling *closures* to vent openings, pressurization, exhaust and supply air fans; dampers in air handling systems; dampers in return air and exhaust ducts, *closures* in openings and the walls of a central core; and doors to vestibules as required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006, as well as systems that have variations not specified in the Alberta Building Code 2006 in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
-

Intent

I1. To limit the probability that deficiencies in switches at the central alarm and control facility controlling fire emergency and smoke control systems would not be noticed, which could lead to the systems not operating as originally intended in a fire situation, which could lead to the accumulation of smoke within floor areas or within exit stair shafts, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to spread of fire, which could lead to damage to the building.

I2. To limit the probability that deficiencies in switches at the central alarm and control facility controlling fire emergency and smoke control systems would not be noticed, which could lead to the systems not operating as originally intended in a fire situation, which could lead to the accumulation of smoke within floor areas or within exit stair shafts, which could lead to damage to the building.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.3.2.1.(1)-02

Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

- 1) If applicable, switches at the central alarm and control facility shall be tested at intervals conforming to Article 7.2.1.1. to ensure that
- closures* to vent openings in *vertical service spaces*, elevator hoistways, smoke shafts, stairshafts and outdoors in vestibules and below-grade *floor areas* will operate as designed,
 - pressurization, exhaust, and supply air fans for vestibules, elevator hoistways, stairshafts, and *floor areas*, including refuge areas, will operate as designed,
 - dampers in air-handling systems that serve more than 2 *storeys* will close automatically and remain closed,
 - dampers in return air and exhaust ducts will operate as designed,
 - closures* in openings in the walls and roofs of the central core will close automatically and remain closed, and
 - doors to vestibules, if normally held open, will close automatically and remain closed.

Application

A1. Testing of switches, at a central alarm and control facility, controlling *closures* to vent openings, pressurization, exhaust and supply air fans; dampers in air handling systems; dampers in return air and exhaust ducts, *closures* in openings and the walls of a central core; and doors to vestibules as required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006, as well as systems that have variations not specified in the Alberta Building Code 2006 in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To limit the probability that deficiencies in switches at the central alarm and control facility controlling fire emergency and smoke control systems would not be noticed, which could lead to the systems not operating as originally intended in a fire situation, which could lead to the accumulation of smoke within floor areas or within exit stair shafts, which could lead to delays or inefficiencies in emergency suppression operations, which could lead to spread of fire, which could lead to harm to persons.

I2. To limit the probability that deficiencies in switches at the central alarm and control facility controlling fire emergency and smoke control systems would not be noticed, which could lead to the systems not operating as originally intended in a fire situation, which could lead to the accumulation of smoke within floor areas or within exit stair shafts, which could lead to delays in evacuation or moving to a safe place, which could lead to harm to persons.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.3.2.1.(2)-01
Attribution - functional statement/objective *Not applicable*

CodeText

1) A light or other indicator at the control panel will be deemed sufficient indication that the equipment functioned as intended except that at least once in every three year period, all equipment shall be confirmed by actual observation. (See Appendix A.)

Application

A1. Testing of switches, at a central alarm and control facility, controlling *closures* to vent openings, pressurization, exhaust and supply air fans; dampers in air handling systems; dampers in return air and exhaust ducts, *closures* in openings and the walls of a central core; and doors to vestibules as required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006, as well as systems that have variations not specified in the Alberta Building Code 2006 in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
- containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
- containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
- containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

I1. To exempt equipment from the 3 month interval specified in Sentence 7.2.1.1.(1) for direct observation of equipment tests specified in Sentence 7.2.2.1.(1) on the basis that status is provided by an indicator light at the central alarm and control facility and that visual observation of equipment function is undertaken at three year intervals.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.3.2.1.(2)-02
Attribution - functional statement/objective *Not applicable*

CodeText

1) A light or other indicator at the control panel will be deemed sufficient indication that the equipment functioned as intended except that at least once in every three year period, all equipment shall be confirmed by actual observation. (See Appendix A.)

Application

A1. Testing of switches, at a central alarm and control facility, controlling *closures* to vent openings, pressurization, exhaust and supply air fans; dampers in air handling systems; dampers in return air and exhaust ducts, *closures* in openings and the walls of a central core; and doors to vestibules as required by Subsection 3.2.6. of Division B of the Alberta Building Code 2006, as well as systems that have variations not specified in the Alberta Building Code 2006 in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006

- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
-

Intent

I1. To clarify that equipment operation during the testing required by Article 7.2.2.1. does not need to be observed if a light or other indicator at the control panel provides information concerning the functioning of the equipment.

Alberta Fire Code 2006

Application and intent of Division B provisions

CodeReference (including record number) 7.3.2.2.(1)-01
Attribution - functional statement/objective F82-OS1.2,OS1.5

CodeText

- 1) Pressurized vestibules, elevator hoistways and stairshafts, core areas, and areas of refuge shall be tested using pressure sensors or by tracer smoke
- at not more than 2 year intervals, and
 - after any alterations to the *building* that may affect pressurization or air movement contrary to the original design element.

Application

- A1. Testing of pressurization of vestibules used to limit smoke movement from one area of a *building* to another area including those used to protect elevator entrances, and doorways to *storage garages* in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006
- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.
- A2. Testing of pressurization used to limit smoke migration into elevator hoistways, stair shafts, and the core area from a fire in a *floor area* in a high *building*, as defined in Sentence 3.2.6.1.(1) of Division B of the Alberta Building Code 2006
- that is of Group A, D, E or F *major occupancy* classification and that is more than
 - 36 m high, measured between grade and the floor level of the top *storey*, or
 - 18 m high, measured between grade and the floor level of the top *storey*, and in which the cumulative or total *occupant load* on or above any *storey* above grade, other than the *first storey*, divided by 1.8 times the width in metres of all *exit* stairs at that *storey*, exceeds 300,
 - containing a Group B *major occupancy* in which the floor level of the highest *storey* of that *major occupancy* is more than 18 m above grade,
 - containing a *floor area* or part of a *floor area* located above the third *storey* designed or intended as a Group B, Division 2 *occupancy*, or
 - containing a Group C *major occupancy* whose floor level is more than 18 m above grade.

Intent

- I1. To limit the probability that deficiencies in air movement through vestibules, and into elevator hoistways and stair shafts and core areas would not be noticed, which could lead to the smoke control system not operating as originally intended in a fire situation, which could lead to the migration of smoke into elevator and stairs shafts and into core areas, which could lead to the obscuration of egress and exit routes, which could lead to delays in evacuating or moving to a safe place, which could lead to harm to persons.
- I2. To limit the probability that deficiencies in air movement into refuge areas would not be noticed, which could lead to the smoke control system not operating as originally intended in a fire situation, which could lead to the migration of smoke into refuge areas, which could lead to delays in evacuating or moving to a safe place, which could lead to harm to persons.
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