

AMENDMENT PACKAGE NO. 2020 - 1

2015 FIRE CODE COMPENDIUM

February 2020

**THIS PACKAGE CONTAINS REVISED PAGES TO THE
2015 FIRE CODE COMPENDIUM FOR THE FOLLOWING:**

- ***Fire Protection and Prevention Act, 1997***
 - (revised pages, including revised list of regulations made under the FPPA)
- **Fire Code (O. Reg. 213/07)**
 - (pages amended by O. Reg. 33/19)
(AMENDMENTS IDENTIFIED BY '**' IN MARGIN)
- **Fire Code Supplement, FCS-1**
 - (new December 2018 edition)

MINISTRY OF THE
SOLICITOR GENERAL

OFFICE OF THE
FIRE MARSHAL AND
EMERGENCY MANAGEMENT

Please replace the existing pages in your copy of the 2015 Fire Code Compendium with the following pages contained in this amendment package.

This document is prepared for convenience only. For accurate reference and current information on amendments to Ontario Regulation 213/07 refer to the Government of Ontario's e-Laws web site at www.e-laws.gov.on.ca

**2015
FIRE CODE
COMPENDIUM**

(Revised to February 1, 2020)

**Ministry of the Solicitor General
Office of the Fire Marshal and Emergency Management**

2015 FIRE CODE COMPENDIUM

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FIRE PROTECTION AND PREVENTION ACT, 1997

S.O. 1997, CHAPTER 4

This document includes the following amendments:

**1997, c. 21, Sched. A, s. 3;
1998, c. 15, Sched. E, s. 12;
2001, c. 25, s. 475;
2002, c. 17, Sched. F, Table;
2002, c. 18, Sched. N, s. 1-14;
2004, c. 8, s. 46, Table;
2005, c. 33, s. 8-10;
2006, c. 19, Sched. M, s. 2;
2006, c. 32, Sched. C, s. 20;
2006, c. 33, Sched. Z.3, s. 12;
2006, c. 35, Sched. C, s. 44;
2009, c. 33, Sched. 6, s. 59;
2010, c. 15, s. 227;
2011, c. 13;
CTS 21 JN 11 – 1;
2013, c. 14, s. 2-5;
2015, c. 34, Sched. 1;
2016, c. 37, Sched. 9;
2018, c. 17, Sched. 18;
2019, c. 7, Sched. 17, s. 77;
2019, c. 7, Sched. 29.**

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PART I DEFINITIONS

Definitions

1. (1) In this Act,

“community fire safety officer” means a community fire safety officer appointed under clause 2 (2) (a) or subsection 2 (4) or by an agreement under clause 3 (2) (a); (“agent local de la sécurité-incendie”)

“community fire safety team” means a community fire safety team appointed under clause 2 (2) (a) or subsection 2 (4) or by an agreement under clause 3 (2) (a); (“équipe locale de la sécurité-incendie”)

“fire chief” means a fire chief appointed under subsection 6 (1), (2) or (4); (“chef des pompiers”)

“fire code” means the fire code established under Part IV; (“code de prévention des incendies”)

“fire department” means a group of firefighters authorized to provide fire protection services by a municipality, group of municipalities or by an agreement made under section 3; (“service d’incendie”)

“firefighter” means a fire chief and any other person employed in, or appointed to, a fire department and assigned to undertake fire protection services, and includes a volunteer firefighter; (“pompier”)

“Fire Marshal” means the Fire Marshal appointed under subsection 8 (1); (“commissaire des incendies”)

“fire protection services” includes,

(a) fire suppression, fire prevention and fire safety education,

(b) mitigation and prevention of the risk created by the presence of unsafe levels of carbon monoxide and safety education related to the presence of those levels,

(c) rescue and emergency services,

(d) communication in respect of anything described in clauses (a) to (c),

(e) training of persons involved in providing anything described in clauses (a) to (d), and

(f) the delivery of any service described in clauses (a) to (e); (“services de protection contre les incendies”)

“Fire Safety Commission” means the Fire Safety Commission continued under Part X of this Act; (“Commission de la sécurité-incendie”)

“Minister” means, in each Part of this Act, the member of the Executive Council to whom the administration of this Act, or of the Part of this Act, is assigned from time to time unless the Part provides otherwise; (“ministre”)

“municipality” means local municipality as defined in the Municipal Act, 2001; (“municipalité”)

“prescribed” means prescribed by regulation; (“prescrit”)

“regulation” means a regulation made under this Act; (“règlement”)

“volunteer firefighter” means a firefighter who provides fire protection services either voluntarily or for a nominal consideration, honorarium, training or activity allowance. (“pompier volontaire”) 1997, c. 4, s. 1 (1); 2001, c. 25, s. 475 (1); 2013, c. 14, s. 2 ; 2015, c. 34, Sched. 1, s. 1.

Interpretation of land and premises

(2) For the purposes of this Act, a reference to land and premises or to land or premises includes any buildings, structures or things situated on or attached to the land or premises. 1997, c. 4, s. 1 (2).

Application of definition of firefighter

(3) The definition of firefighter in subsection (1) does not apply to Part IX. 1997, c. 4, s. 1 (3).

Automatic aid agreements

- (4) For the purposes of this Act, an automatic aid agreement means any agreement under which,
- (a) a municipality agrees to ensure the provision of an initial response to fires, rescues and emergencies that may occur in a part of another municipality where a fire department in the municipality is capable of responding more quickly than any fire department situated in the other municipality; or
 - (b) a municipality agrees to ensure the provision of a supplemental response to fires, rescues and emergencies that may occur in a part of another municipality where a fire department situated in the municipality is capable of providing the quickest supplemental response to fires, rescues and emergencies occurring in the part of the other municipality. 1997, c. 4, s. 1 (4).

Same

(5) A mutual aid plan established under section 7 does not constitute an automatic aid agreement for the purposes of subsection (4). 1997, c. 4, s. 1 (5).

PART II RESPONSIBILITY FOR FIRE PROTECTION SERVICES

Municipal responsibilities

2. (1) Every municipality shall,
- (a) establish a program in the municipality which must include public education with respect to fire safety and certain components of fire prevention; and
 - (b) provide such other fire protection services as it determines may be necessary in accordance with its needs and circumstances.

Methods of providing services

- (2) In discharging its responsibilities under subsection (1), a municipality shall,
- (a) appoint a community fire safety officer or a community fire safety team; or
 - (b) establish a fire department.

Services to be provided

(3) In determining the form and content of the program that it must offer under clause (1) (a) and the other fire protection services that it may offer under clause (1) (b), a municipality may seek the advice of the Fire Marshal.

Shared responsibilities

(4) Two or more municipalities may appoint a community fire safety officer or a community fire safety team or establish a fire department for the purpose of providing fire protection services in those municipalities.

Services outside municipality

- (5) A municipality may, under such conditions as may be specified in the agreement, enter into an agreement to,
- (a) provide such fire protection services as may be specified in the agreement to lands or premises that are situated outside the territorial limits of the municipality; and

- (b) receive such fire protection services as may be specified in the agreement from a fire department situated outside the territorial limits of the municipality.

Automatic aid agreements

(6) A municipality may enter into an automatic aid agreement to provide or receive the initial or supplemental response to fires, rescues and emergencies.

Review of municipal fire services

(7) The Fire Marshal may monitor and review the fire protection services provided by municipalities to ensure that municipalities have met their responsibilities under this section and, if the Fire Marshal is of the opinion that, as a result of a municipality failing to comply with its responsibilities under subsection (1), a serious threat to public safety exists in the municipality, he or she may make recommendations to the council of the municipality with respect to possible measures the municipality may take to remedy or reduce the threat to public safety.

Failure to provide services

(8) If a municipality fails to adhere to the recommendations made by the Fire Marshal under subsection (7) or to take any other measures that in the opinion of the Fire Marshal will remedy or reduce the threat to public safety, the Minister may recommend to the Lieutenant Governor in Council that a regulation be made under subsection (9).

Regulation

(9) Upon the recommendation of the Minister, the Lieutenant Governor in Council may make regulations establishing standards for fire protection services in municipalities and requiring municipalities to comply with the standards.

Same

(10) A regulation under this section may be general or specific in its application and may be restricted to those municipalities specified in the regulation. 1997, c. 4, s. 2.

Territory without municipal organization

3. (1) The Fire Marshal, a services board established to provide services in territory without municipal organization or a prescribed person or organization may enter into agreements to provide fire protection services in territory without municipal organization and to govern the provision of those services.

Same

- (2) An agreement referred to in subsection (1) may provide for,
 - (a) the appointment of a community fire safety officer or a community fire safety team; or
 - (b) the establishment of a fire department. 1997, c. 4, s. 3.

Community fire safety officer or team

4. (1) A community fire safety officer or a community fire safety team appointed in a municipality or in a group of municipalities shall provide the program established under clause 2 (1) (a) in the municipality or in the group of municipalities, as the case may be.

Same

(2) A community fire safety officer or a community fire safety team appointed by agreement with the Fire Marshal, a services board or a prescribed person or organization to provide services in territory without municipal organization shall provide a program which includes public education with respect to fire safety and certain components of fire prevention in the territory in accordance with the agreement. 1997, c. 4, s. 4.

Municipalities may establish fire departments

5. (0.1) The council of a municipality may establish, maintain and operate a fire department for all or any part of the municipality. 2001, c. 25, s. 475 (2).

Fire departments

(1) A fire department shall provide fire suppression services and may provide other fire protection services in a municipality, group of municipalities or in territory without municipal organization. 1997, c. 4, s. 5 (1).

Same

(2) Subject to subsection (3), the council of a municipality may establish more than one fire department for the municipality. 1997, c. 4, s. 5 (2).

Exception

(3) The council of a municipality may not establish more than one fire department if, for a period of at least 12 months before the day this Act comes into force, fire protection services in the municipality were provided by a fire department composed exclusively of full-time firefighters. 1997, c. 4, s. 5 (3).

Same

(4) The councils of two or more municipalities may establish one or more fire departments for the municipalities. 1997, c. 4, s. 5 (4).

Fire chief, municipalities

6. (1) If a fire department is established for the whole or a part of a municipality or for more than one municipality, the council of the municipality or the councils of the municipalities, as the case may be, shall appoint a fire chief for the fire department.

Same

(2) The council of a municipality or the councils of two or more municipalities may appoint one fire chief for two or more fire departments.

Responsibility to council

(3) A fire chief is the person who is ultimately responsible to the council of a municipality that appointed him or her for the delivery of fire protection services.

Fire chief, territory without municipal organization

(4) If a fire department is established in territory without municipal organization under subsection 3 (2), the agreement shall provide for the appointment of a fire chief.

Powers of fire chief

(5) The fire chief may exercise all the powers assigned to him or her under this Act within the territorial limits of the municipality and within any other area in which the municipality has agreed to provide fire protection services, subject to any conditions specified in the agreement.

Delegation

(6) A fire chief may delegate his or her powers or duties under sections 14, 19 and 20 and such other powers and duties as may be prescribed to any firefighter or class of firefighters, subject to such limitations, restrictions or conditions as may be prescribed or set out in the delegation. 1997, c. 4, s. 6.

Fire co-ordinators

7. (1) The Fire Marshal may appoint fire co-ordinators for such areas as may be designated in the appointment. 1997, c. 4, s. 7 (1).

Duties

- (2) A fire co-ordinator shall, subject to the instructions of the Fire Marshal,
- (a) establish and maintain a mutual aid plan under which the fire departments that serve the designated area agree to assist each other in the event of an emergency; and
 - (b) perform such other duties as may be assigned by the Fire Marshal. 1997, c. 4, s. 7 (2); 2002, c. 18, Sched. N, s. 1.

Municipal by-laws

- 7.1 (1) A council of a municipality may pass by-laws,
- (a) regulating fire prevention, including the prevention of the spreading of fires;
 - (b) regulating the setting of open air fires, including establishing the times during which open air fires may be set;
 - (c) designating private roads as fire routes along which no parking of vehicles shall be permitted and providing for the removal and impounding of any vehicle parked or left along any of the fire routes at the expense of the owner of the vehicle. 2001, c. 25, s. 475 (3).

Definition

- (2) For the purpose of clause (1) (c),
“private road” means any private road, lane, ramp or other means of vehicular access to or from a building or structure and may include part of a parking lot. 2001, c. 25, s. 475 (3).

Scope

(3) A by-law under this section may deal with different areas of the municipality differently. 2001, c. 25, s. 475 (3).

Officer

(4) A municipality may appoint an officer to enter upon land and into structures at any reasonable time to inspect the land and structures to determine whether by-laws enacted in accordance with this section are being complied with. 2001, c. 25, s. 475 (3).

Exercise of power

(5) The exercise of powers by an officer appointed under this section shall be carried out in accordance with Part XIV of the *Municipal Act, 2001*, other than clause 431 (a) of that Act or with Part XV of the *City of Toronto Act, 2006*, other than paragraph 4 of subsection 375 (1) of that Act, as the case may be. 2001, c. 25, s. 475 (3); 2006, c. 32, Sched. C, s. 20 (1).

PART III FIRE MARSHAL

Appointment of Fire Marshal

8. (1) There shall be a Fire Marshal who shall be appointed by the Lieutenant Governor in Council.

Deputy Fire Marshal

(2) There shall be a Deputy Fire Marshal, who shall be appointed by the Lieutenant Governor in Council and who shall act in the stead of the Fire Marshal if he or she is absent or unable to act, and who, when so acting, has all the power and authority of the Fire Marshal. 1997, c. 4, s. 8.

Powers of Fire Marshal

9. (1) The Fire Marshal has the power,
- (a) to monitor, review and advise municipalities respecting the provision of fire protection services and to make recommendations to municipal councils for improving the efficiency and effectiveness of those services;
 - (b) to issue directives to assistants to the Fire Marshal respecting matters relating to this Act and the regulations;
 - (c) to advise and assist ministries and agencies of government respecting fire protection services and related matters;
 - (d) to issue guidelines to municipalities respecting fire protection services and related matters;
 - (e) to co-operate with any body or person interested in developing and promoting the principles and practices of fire protection services;
 - (f) to issue long service awards to persons involved in the provision of fire protection services; and
 - (g) to exercise such other powers as may be assigned under this Act or as may be necessary to perform any duty assigned under this Act. 1997, c. 4, s. 9 (1).

Duties of Fire Marshal

- (2) It is the duty of the Fire Marshal,
- (a) to investigate the cause, origin and circumstances of any fire or of any explosion or condition that in the opinion of the Fire Marshal might have caused a fire, explosion, loss of life or damage to property;
 - (b) to advise municipalities in the interpretation and enforcement of this Act and the regulations;
 - (c) to provide information and advice on fire safety matters and fire protection matters by means of public meetings, newspaper articles, publications, electronic media and exhibitions and otherwise as the Fire Marshal considers advisable;
 - (d) to develop training programs and evaluation systems for persons involved in the provision of fire protection services and to provide programs to improve practices relating to fire protection services;
 - (e) to maintain and operate a central fire college;

- (f) to keep a record of every fire reported to the Fire Marshal with the facts, statistics and circumstances that are required under this Act;
- (g) to develop and maintain statistical records and conduct studies in respect of fire protection services; and
- (h) to perform such other duties as may be assigned to the Fire Marshal under this Act. 1997, c. 4, s. 9 (2).

Application of *Public Inquiries Act, 2009*

(3) Section 33 of the *Public Inquiries Act, 2009* applies to any inquiry or investigation by the Fire Marshal under this Act. 2009, c. 33, Sched. 6, s. 59.

Employment of expert, etc.

(4) The Fire Marshal may employ legal, technical, scientific, clerical or other assistance that the Fire Marshal considers advisable or necessary in the conduct of any inquiry or investigation under this Act or in carrying out any of his or her powers or duties under this Act. 1997, c. 4, s. 9 (4).

Delegation

10. (1) The Fire Marshal may delegate any power or duty that is granted to or vested in the Fire Marshal under this Act to any person or class of persons, subject to such limitations, restrictions, conditions and requirements as may be set out in the delegation.

Same

(2) Subsection (1) applies with respect to any power or duty held by the Fire Marshal under this Act, including such statutory or discretionary powers as may be assigned to the Fire Marshal under this Act.

Certificate of appointment

(3) A certificate under the hand and seal of the Fire Marshal of the appointment of a person under this Act is proof in the absence of evidence to the contrary of the appointment in any court or elsewhere. 1997, c. 4, s. 10.

Assistants to the Fire Marshal

11. (1) The following persons are assistants to the Fire Marshal and shall follow the Fire Marshal's directives in carrying out this Act,

- (a) the fire chief of every fire department;
- (b) the clerk of every municipality that does not have a fire department;
- (c) any member of a fire prevention bureau established by a municipality; and
- (d) every person designated by the Fire Marshal as an assistant to the Fire Marshal. 1997, c. 4, s. 11 (1); 2002, c. 18, Sched. N, s. 2 (1).

Duty to report

(2) The assistants to the Fire Marshal shall report to the Fire Marshal all fires and other matters related to fire protection services as may be specified by the Fire Marshal. 1997, c. 4, s. 11 (2).

Submitting report

(3) A report under subsection (2) shall be made in the form and manner and within the time period specified by the Fire Marshal. 1997, c. 4, s. 11 (3).

Workers' compensation not affected

(4) The relationship between a person who is an assistant to the Fire Marshal under this section and the municipality or such other person by which he or she is employed continues for the purposes of the *Workplace Safety and Insurance Act, 1997* as if the person were not an assistant to the Fire Marshal. 1997, c. 4, s. 11 (4); 2002, c. 18, Sched. N, s. 2 (2).

PART IV FIRE CODE

Fire Code

12. (1) The Minister may make regulations that are considered advisable or necessary for the purpose of establishing a fire code for Ontario governing standards for equipment, systems, buildings, structures, land and premises, as those standards relate to fire safety or the risk created by the presence of unsafe levels of carbon monoxide. 2013, c. 14, s. 3.

Same

- (1.1) A regulation made under this section may,
- (a) prescribe any method, matter or thing relating to fire protection;
 - (b) prescribe any method, matter or thing relating to protection against the presence of unsafe levels of carbon monoxide;
 - (c) govern standards for reducing the risk of, or consequences of, a fire that would seriously endanger the health or safety of any person or the quality of the natural environment for any use that can be made of it;
 - (d) govern standards for reducing the risk of, or consequences of, the presence of unsafe levels of carbon monoxide that would seriously endanger the health or safety of any person or the quality of the natural environment for any use that can be made of it;
 - (e) require and regulate fire protection equipment and systems and govern the maintenance of the equipment and systems;
 - (f) require and regulate protection equipment and systems related to the presence of unsafe levels of carbon monoxide and govern the maintenance of the equipment and systems;
 - (g) require and regulate means of egress, separations, finish materials, furnishings and decorations, standards of housekeeping and heating, ventilation, air conditioning and incinerating equipment and systems;
 - (h) control or prohibit any material, substance, equipment or system affecting fire safety;
 - (i) control or prohibit any material, substance, equipment or system affecting safety from the presence of unsafe levels of carbon monoxide;
 - (j) require and regulate procedures respecting fire safety and the keeping and furnishing of records and reports;
 - (k) require and regulate procedures respecting safety from the presence of unsafe levels of carbon monoxide and the keeping and furnishing of records and reports;
 - (l) require the approval of the Fire Marshal or of a prescribed person respecting any method, matter or thing;
 - (m) require notice to be given to the Fire Marshal or to a prescribed person respecting any change in use or occupancy;
 - (n) prescribe conditions for use, occupation or demolition;
 - (o) exempt any class of building, structure, lands or premises from compliance with the regulations or any provision of them and attach terms and conditions to the exemptions;

- (p) govern the qualifications and training of persons servicing, maintaining, testing or repairing fire protection devices, equipment or systems and the licensing of those persons;
- (q) govern the qualifications and training of persons servicing, maintaining, testing or repairing protection devices, equipment or systems related to the presence of carbon monoxide and the licensing of those persons;
- (r) adopt by reference, in whole or in part, with the changes that the Minister considers necessary, any code or standard and require compliance with any code or standard that is so adopted. 2013, c. 14, s. 3.

Limitation of application

(2) Any regulation made under this section may be limited in its application territorially or to any class of building, structure, land or premises or to any building, structure, land or premises used for any specified purpose. 1997, c. 4, s. 12 (2).

Buildings under construction

(3) Subject to subsection (4), the fire code does not apply to the unoccupied parts of a building that is under construction within the meaning of the *Building Code Act, 1992* or of a predecessor to that Act. 1997, c. 4, s. 12 (3).

Same

(4) The fire code applies to the unoccupied parts of a building that is under construction within the meaning of the *Building Code Act, 1992*, or of a predecessor to that Act, if,

- (a) there has been no substantial work related to the construction of the building for at least six months; or
- (b) the conditions in the unoccupied portions threaten the safety of the occupied portions. 1997, c. 4, s. 12 (4).

Municipal by-law prevails

(5) If there is a conflict between a provision of the fire code and a provision of a municipal by-law respecting the keeping and manufacturing of explosives, the provision that is the most restrictive prevails. 1997, c. 4, s. 12 (5).

PART V RIGHTS OF ENTRY IN EMERGENCIES AND FIRE INVESTIGATIONS

Entry on adjacent lands by firefighters, etc.

13. (1) A firefighter or such other person as may be authorized by the fire chief, the Fire Marshal or an assistant to the Fire Marshal may, without a warrant, enter on lands or premises,

- (a) that are adjacent to the lands or premises on which a fire or emergency has occurred or is occurring, for the purposes of fighting the fire or of providing rescue or emergency services; or
- (b) that are adjacent to the lands or premises on which there is a serious threat to the health and safety of any person or the quality of the natural environment, for the purpose of removing or reducing the threat. 1997, c. 4, s. 13 (1); 2001, c. 25, s. 475 (4).

Prevention of fire spreading

(1.1) A firefighter or such other person as may be authorized by the fire chief may, without a warrant, enter on lands or premises on which a fire is occurring, or that are adjacent to those lands or premises, for the

purposes of pulling down or removing buildings, structures or things on or attached to the lands or premises on which a fire is occurring or that are adjacent to those lands or premises if, in the opinion of the fire chief, it is necessary to do so to prevent the spread of the fire. 2001, c. 25, s. 475 (5).

Entry onto land outside municipality

(2) A firefighter or such other person as may be authorized by the fire chief may, without a warrant, enter on lands or premises that are outside the territorial limits of the municipality of the fire department that employs the firefighter or fire chief for the purposes of fighting a fire or of providing rescue or emergency services on such lands or premises if,

- (a) in the opinion of the fire chief, the fire or emergency threatens persons, property or the environment within the territorial limits of the municipality served by the fire department; and
- (b) there is no fire department or other emergency response capability for the area in which the lands or premises are situated. 1997, c. 4, s. 13 (2).

Automatic aid

(3) A firefighter or such other person as may be authorized by the fire chief may, without a warrant, enter on lands or premises that are outside the territorial limits of the municipality of the fire department that employs the firefighter or fire chief for the purposes of fighting a fire or of providing rescue or emergency services on such lands or premises if the council of the municipality has entered into an automatic aid agreement or any other agreement under which the entry is permitted. 1997, c. 4, s. 13 (3).

Common law right of entry preserved

(4) Nothing in this section derogates from a firefighter's right of entry at common law. 1997, c. 4, s. 13 (4).

Entry where fire has occurred or is likely to occur

14. (1) The Fire Marshal or a fire chief may, without a warrant, enter on land or premises if,
- (a) a fire has occurred on the land or premises; or
 - (b) he or she has reason to believe that a substance or device that is likely to cause a fire may be situated on the land or premises.

Powers upon entry

- (2) Upon entering on land or premises under subsection (1), the Fire Marshal or a fire chief may,
- (a) close, and prevent entry to, the land or premises for the length of time necessary to complete the examination of the land or premises;
 - (b) in the case of an entry under clause (1) (a), remove from the land or premises, retain and examine any article or material, and take such samples or photographs, make videotapes and other images electronic or otherwise that in his or her opinion may be of assistance in determining the cause of the fire under investigation;
 - (c) make such excavations on the land or premises as he or she considers necessary;
 - (d) require that any machinery, equipment or device be operated, used or set in motion under specified conditions; and
 - (e) make any reasonable inquiry of any person, orally or in writing.

Entry to adjacent lands

(3) A person who enters on land or premises under subsection (1), may, without a warrant, enter on adjacent land or premises if the entry is necessary for the purposes of conducting an investigation into the cause of a fire or of determining whether a substance or device that is likely to cause fire is situated on the land or premises.

Same

(4) A person who enters on adjacent land or premises under subsection (3) may exercise any of the powers mentioned in subsection (2) on or with respect to the adjacent land or premises.

Use of force

(5) A person who enters land or premises under subsection (1) or (3) shall not use force to enter the land or premises.

Warrant authorizing entry

(6) A justice of the peace may issue a warrant authorizing the Fire Marshal or a fire chief named in the warrant to enter on land or premises and exercise any of the powers referred to in subsection (2) or (3) if the justice of the peace is satisfied on evidence under oath that there are reasonable grounds to believe that entry on the lands or premises is necessary for the purposes of conducting an investigation into the cause of a fire or of determining whether a substance or device that is likely to cause fire is situated on the land or premises and,

- (a) the Fire Marshal or fire chief has been denied entry to the land or premises or has been obstructed in exercising any other of those powers with respect to the land or premises; or
- (b) there are reasonable grounds to believe that the Fire Marshal or fire chief will be denied entry to the land or premises or obstructed in exercising any other of those powers with respect to the land or premises.

Execution and expiry of warrant

(7) A warrant issued under subsection (6) shall,

- (a) specify the times, which may be at any time during the day or night, during which the warrant may be carried out; and
- (b) state when the warrant expires.

Extension of time

(8) A justice of the peace may extend the date on which a warrant expires for such additional periods as the justice of the peace considers necessary.

Use of force

(9) A person authorized by a warrant issued under subsection (6) to enter land or premises for the purpose of doing a thing may call on police officers as necessary and may use force as necessary to make the entry and do the thing.

Application without notice

(10) A justice of the peace may receive and consider an application for a warrant or extension of a warrant under this section without notice to the owner or occupant of the land or premises. 1997, c. 4, s. 14.

Immediate threat to life

15. (1) If the Fire Marshal, an assistant to the Fire Marshal or a fire chief has reasonable grounds to believe that a risk of fire poses an immediate threat to life, he or she may, without a warrant, enter on any land or premises and, for the purpose of removing or reducing the threat, may,

- (a) remove persons on the land or premises;
- (b) post a fire watch;
- (c) remove combustible or explosive material or anything that may constitute a fire menace;

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- (c.1) dispose of any material or thing that was removed under clause (c), in accordance with any directives issued by the Fire Marshal;
- (d) eliminate ignition sources;
- (e) install temporary safeguards, including fire extinguishers and smoke alarms;
- (f) make minor repairs to existing fire safety systems;
- (g) do any other thing that the Fire Marshal, an assistant to the Fire Marshal or a fire chief has reasonable grounds to believe is urgently required to remove or reduce the threat to life. 1997, c. 4, s. 15 (1); 2002, c. 18, Sched. N, s. 3; 2016, c. 37, Sched. 9, s. 1.

Notice to owner

(2) A person who enters land or premises under subsection (1) shall promptly after exercising any powers under this section give notice thereof to the owner if the owner's whereabouts in Ontario are known. 1997, c. 4, s. 15 (2).

Notice to be posted

(3) The person who gives notice under subsection (2) shall post a copy of the notice on the land or premises. 1997, c. 4, s. 15 (3).

Contents of notice

- (4) The notice shall,
 - (a) describe the location of the land or premises;
 - (b) state the reason for the entry; and
 - (c) state the things done under subsection (1) to remove or reduce the threat to life. 1997, c. 4, s. 15 (4).

Use of force

(5) A person who enters on land or premises under this section may call on police officers as necessary and may use force as necessary to make the entry. 1997, c. 4, s. 15 (5).

Assistance

16. A person who enters on land or premises under section 14 or 15 may call on any other persons he or she considers advisable to assist. 1997, c. 4, s. 16.

Identification

17. On the request of an owner or occupant of the land or premises, a person who enters on land or premises under section 14 or 15 shall identify himself or herself and shall explain the purpose of the entry. 1997, c. 4, s. 17.

PART VI INSPECTIONS

Interpretation

- 18. For the purposes of this Part, fire safety includes the following:
 - 1. Safety from the risk that a fire, if started, would seriously endanger the health and safety of any person or the quality of the natural environment for any use that can be made of it.

2. Safety from the risk that the presence of unsafe levels of carbon monoxide on premises would seriously endanger the health and safety of any person. 2013, c. 14, s. 4.

Inspectors

19. (1) The Fire Marshal, an assistant to the Fire Marshal or a fire chief is an inspector for the purposes of this Part.

Inspections

(2) An inspector may, without a warrant, enter and inspect land and premises for the purposes of assessing fire safety.

Time of entry

(3) The power to enter and inspect land and premises without a warrant may be exercised at all reasonable times.

Assistance

(4) An inspector who enters land or premises under this section may take with him or her a police officer or such other person as he or she considers advisable to assist.

Identification

(5) On the request of an owner or occupant of the land or premises, an inspector shall identify himself or herself and shall explain the purpose of the entry.

Powers during inspection

- (6) An inspector conducting an inspection may,
 - (a) examine a document or other thing that is relevant to the inspection;
 - (b) demand the production for inspection of a document or other thing that is relevant to the inspection;
 - (c) remove any thing that is relevant to the inspection for review and examination and remove any document that is relevant to the inspection for review and copying;
 - (d) conduct tests, take and remove samples, take photographs and make videotapes and other images, electronic or otherwise, that are relevant to the inspection;
 - (e) in order to produce a document in readable form, use data storage, information processing or retrieval devices or systems that are normally used in the premises being inspected; and
 - (f) question a person on matters relevant to the inspection.

Obligation to produce and assist

(7) If an inspector demands that a document or other thing be produced for inspection, the person who has custody of the document or thing shall produce it and, in the case of a document, shall on request provide any assistance that is reasonably necessary to interpret the document or to produce it in a readable form.

Document and thing removed from place

- (8) A document or other thing that has been removed from land or premises,
 - (a) shall be made available to the person from whom it was removed on request and at a time and place that are convenient for the person and for the inspector; and

- (b) shall, if it is possible to return the document or thing to the person, be returned within a reasonable time.

Copy admissible in evidence

(9) A copy of a document that purports to be certified by an inspector as being a true copy of the original is admissible in evidence to the same extent as the original and has the same evidentiary value. 1997, c. 4, s. 19.

Warrant authorizing entry

20. (1) A justice of the peace may issue a warrant authorizing an inspector named in the warrant to enter on lands or premises and exercise any of the powers referred to in subsection 19 (6) if the justice of the peace is satisfied on evidence under oath that there are reasonable grounds to believe that entry on the lands or premises is necessary to assess fire safety and,

- (a) the inspector has been denied entry to the lands or premises or has been obstructed in exercising any other of those powers with respect to the lands or premises; or
- (b) there are reasonable grounds to believe that the inspector will be denied entry to the lands or premises or obstructed in exercising any other of those powers with respect to the lands or premises.

Execution and expiry of warrant

(2) A warrant issued under subsection (1) shall,

- (a) specify the times, which may be at any time during the day or night, during which the warrant may be carried out; and
- (b) state when the warrant expires.

Extension of time

(3) A justice of the peace may extend the date on which a warrant expires for such additional periods as the justice of the peace considers necessary.

Use of force

(4) A person authorized under subsection (1) to enter land or premises for the purpose of doing a thing may call on police officers as necessary and may use force as necessary to make the entry and do the thing.

Assistance

(5) A person named in a warrant issued under subsection (1) may call on any other persons he or she considers advisable to execute the warrant.

Application without notice

(6) A justice of the peace may receive and consider an application for a warrant or extension of a warrant under this section without notice to the owner or occupant of the land or premises.

Identification

(7) On the request of an owner or occupant of the land or premises, a person who exercises a power conferred under subsection (1) shall identify himself or herself and shall explain the purpose of the entry.

Application

(8) Subsections 19 (7), (8) and (9) apply with respect to an inspection carried out under a warrant issued under this section. 1997, c. 4, s. 20.

Inspection orders

21. (1) An inspector who has carried out an inspection of land or premises under section 19 or 20 may order the owner or occupant of the land or premises to take any measure necessary to ensure fire safety on the land and premises and may for that purpose order the owner or occupant,

- (a) to remove buildings or structures from the land or premises;
- (b) to make structural and other repairs or alterations, including material alterations, to the buildings or structures;
- (c) to remove combustible or explosive material or any thing that may constitute a fire hazard;
- (d) to install and use specified equipment or devices as may be necessary to contain hazardous material on the land or premises and, in the event of a fire, to remove or transport the material;
- (e) to discontinue the manufacturing, production or fabrication of any material, device or other thing that creates or poses an undue risk of fire or explosion;
- (f) to do anything respecting fire safety including anything relating to the containment of a possible fire, means of egress, fire alarms and detection, fire suppression and the preparation of a fire safety plan;
- (g) to remedy any contravention of the fire code.

Same, closure of premises

(2) An inspector who has carried out an inspection of land or premises under section 19 or 20 may, with the approval of the Fire Marshal and upon such terms and conditions as the Fire Marshal considers proper,

- (a) order that the owner or occupant of the land or premises close the land or premises and prevent persons from entering thereon until such time as the corrective actions ordered under subsection (1) have been completed; or
- (b) if the inspector is of the opinion that it is necessary for the immediate protection of persons and property that the lands or premises be closed immediately, cause the land or premises to be closed immediately and persons on the premises to be removed and direct that the lands or premises remain closed and that the premises be vacated until such time as the corrective actions ordered under subsection (1) have been completed. 1997, c. 4, s. 21 (1, 2).

Same, electrical installations

(3) If, upon an inspection, it is determined that the electrical installations in a building or structure create or pose a risk of fire because of the inadequacy or want of repair of the installations and their wiring, the inspector may order that the electrical installations in the building or structure be inspected by a representative of the Electrical Safety Authority referred to in Part VIII of the *Electricity Act, 1998* and that the costs of the inspection be paid by the owner or occupant of the building or structure. 1997, c. 4, s. 21 (3); 1998, c. 15, Sched. E, s. 12.

Limitation on orders relating to structural repairs

22. (1) No inspector shall make an order under clause 21 (1) (b) requiring structural repairs or alterations to a building, structure or premises that was constructed in compliance with the building code established under the *Building Code Act, 1992* or under a predecessor to that Act and that continues to comply with that code as it existed at the time of construction, unless the order is necessary to ensure compliance with the provisions of the fire code relating to the retrofitting of existing buildings.

Repairs, etc., deemed not to contravene Building Code

(2) If repairs, alterations or installations are carried out in compliance with an order made under subsection 21 (1) or for the purposes of complying with the fire code, the repairs, alterations or installations shall be deemed not to contravene the building code established under the *Building Code Act, 1992*.

Copy of order

(3) An inspector who makes an order requiring repairs, alterations or installations to be made to a building, structure or premises shall furnish a copy of the order to the proper chief building official appointed under the *Building Code Act, 1992*. 1997, c. 4, s. 22.

Contents of order

23. An order made under subsection 21 (1) or (2) shall set out,
- (a) the reasons for the order;
 - (b) an explanation of the action required by the order;
 - (c) the time within which the owner or occupant must comply with the order; and
 - (d) the right to request a review of the order by the Fire Marshal under section 25 or, in the case of an order made by the Fire Marshal, the right of appeal to the Fire Safety Commission under section 26. 1997, c. 4, s. 23.

Service of order

24. (1) A copy of an order made under section 21 shall be served upon the owner and any occupant of the land and premises.

Same, multi-unit building

(2) In the case of an order respecting a building that contains two or more units intended for separate occupancy, the order shall be deemed to be served upon the occupants of the building if a copy of the order is posted in a conspicuous place in or outside the building.

Posting and service of order to close premises

(3) If an order is made under subsection 21 (2) requiring the closing of land or premises, a copy of the order shall be posted on the land or premises and shall be served on the owner of the lands or premises if the owner is in Ontario and his or her whereabouts are known. 1997, c. 4, s. 24.

Review of inspection order by Fire Marshal

25. (1) A person who considers himself or herself aggrieved by an order made by an inspector, other than the Fire Marshal, under subsection 21 (1) or (2) may, within 15 days after the order is served, submit a written request to the Fire Marshal for a review of the order. 1997, c. 4, s. 25 (1).

Extension of time

(2) The Fire Marshal may, upon application by a person referred to in subsection (1), extend the time for making a request under this section if he or she is satisfied that there are apparent grounds for granting relief to the person and that there are reasonable grounds for applying for the extension and may give directions that the Fire Marshal considers proper consequent upon the extension. 1997, c. 4, s. 25 (2); 2002, c. 18, Sched. N, s. 4 (1).

Same

(3) An application for an extension of time may be made either before or after the expiration of the time fixed in subsection (1) but shall be made within 30 days after a copy of the order under subsection 21 (1) or (2) is served. 1997, c. 4, s. 25 (3).

Powers of Fire Marshal

- (4) The Fire Marshal may,
- (a) refuse to consider the substance of the request and refer the matter to the Fire Safety Commission for a hearing under section 26; or
 - (b) confirm, amend or rescind the order or make such other order as he or she deems appropriate. 1997, c. 4, s. 25 (4).

No hearing required

(5) The Fire Marshal is not required to hold a hearing when conducting a review of an order under this section. 1997, c. 4, s. 25 (5).

Order stayed by application for review

(6) An application made under subsection (1) for a review operates as a stay of the order pending the outcome of the review. 2002, c. 18, Sched. N, s. 4 (2).

Lifting of stay

(7) The Fire Marshal may, upon request therefor by an inspector, which may be made without notice, order that the stay of the order be lifted if, in his or her opinion, the action is necessary in the interest of public safety. 2002, c. 18, Sched. N, s. 4 (2).

Appeal to Fire Safety Commission

26. (1) Any person who considers himself or herself aggrieved by an order made by the Fire Marshal under subsection 21 (1) or (2) or section 25 may appeal the order to the Fire Safety Commission. 1997, c. 4, s. 26 (1).

Time for filing appeal

(2) A notice of appeal from an order referred to in subsection (1) shall be filed with the Fire Safety Commission within 15 days after the order is served. 1997, c. 4, s. 26 (2).

Extension of time

(3) The Fire Safety Commission may, upon application by a person referred to in subsection (1), extend the time for appealing an order if it is satisfied that there are apparent grounds for granting the appeal and that there are reasonable grounds for applying for the extension and may give directions that it considers proper consequent upon the extension. 1997, c. 4, s. 26 (3); 2002, c. 18, Sched. N, s. 5 (1).

Same

(4) An application for an extension of time may be made either before or after expiration of the time fixed in subsection (2) but shall be made within 30 days after a copy of the order from which the appeal is made is served. 1997, c. 4, s. 26 (4).

Hearing by Commission

(5) If an application is made under subsection (1) or if a matter is referred to the Fire Safety Commission by the Fire Marshal under clause 25 (4) (a), the Commission shall appoint a time for and hold the hearing. 1997, c. 4, s. 26 (5).

Powers of Commission

(6) The Fire Safety Commission may confirm, amend or rescind the order of the Fire Marshal or make such other order as the Commission deems appropriate. 1997, c. 4, s. 26 (6).

Order stayed by appeal

(7) An appeal under subsection (1) operates as a stay of the order pending the outcome of the appeal. 2002, c. 18, Sched. N, s. 5 (2).

Lifting of stay

(8) The Fire Safety Commission may, upon application therefor by an inspector or the Fire Marshal, which may be made without notice, order that the stay of the order be lifted if, in its opinion, the action is necessary in the interest of public safety. 2002, c. 18, Sched. N, s. 5 (2).

Appeal to Divisional Court

27. (1) Any party to the hearing before the Fire Safety Commission under section 26 may appeal from the decision of the Commission to the Divisional Court in accordance with the rules of court on any question that is not a question of fact alone.

Minister to be heard

(2) The Minister is entitled to be heard at a hearing under this section.

Powers of court on appeal

- (3) The judge who hears an appeal under this section may,
- (a) refer the matter back to the Commission for reconsideration by the Commission;
 - (b) confirm or alter the decision of the Commission; or
 - (c) make such other order as he or she sees fit, including an order that the Fire Marshal or an inspector do any act he or she is authorized to do under this Act. 1997, c. 4, s. 27.

PART VII OFFENCES AND ENFORCEMENT

Subsequent offence

27.1 For the purposes of section 28 or 29, an offence for a contravention of this Act or the regulations is a subsequent offence if there has been a previous conviction for a contravention of this Act or the regulations, as the case may be, regardless of whether the offence that resulted in the previous conviction is based on a contravention of the same provision as the one on whose contravention the subsequent offence is based. 2019, c. 7, Sched. 29, s. 1.

Offences

28. (1) Every person is guilty of an offence if he or she,
- (a) hinders, obstructs or interferes with the Fire Marshal, an assistant to the Fire Marshal or a fire chief in the exercise of his or her powers and duties;
 - (b) prevents an inspector from entering land or premises under section 19 or 20, refuses to answer questions on matters relevant to the inspection or provides the inspector with information, on matters relevant to the inspection, that the person knows, or ought reasonably to know, to be false or misleading;

- (c) subject to subsection (2) contravenes any provisions of this Act or the regulations; or
- (d) refuses or neglects to obey or carry out the directives of the Fire Marshal, an assistant to the Fire Marshal or a fire chief given under the authority of this Act. 1997, c. 4, s. 28 (1); 2002, c. 18, Sched. N, s. 6.

Same

(2) A person who contravenes a provision in Part IX of this Act is not guilty of an offence. 1997, c. 4, s. 28 (2).

Penalty, individual

(3) An individual convicted of an offence under subsection (1) is liable to a fine of not more than \$50,000 for a first offence and not more than \$100,000 for a subsequent offence, or to imprisonment for a term of not more than one year, or to both. 2019, c. 7, Sched. 29, s. 2 (1).

Same, corporation

(4) A corporation convicted of an offence under subsection (1) is liable to a fine of not more than \$500,000 for a first offence and not more than \$1,500,000 for a subsequent offence. 2019, c. 7, Sched. 29, s. 2 (1).

Offence, director or officer of corporation

(5) A director or officer of a corporation who knows that the corporation is violating or has violated a provision of the fire code is guilty of an offence and on conviction is liable to a fine of not more than \$50,000 for a first offence and not more than \$100,000 for a subsequent offence or to imprisonment for a term of not more than one year, or to both. 2005, c. 33, s. 8; 2019, c. 7, Sched. 29, s. 2 (2).

Liability of directors

(6) Despite subsections (1) and (3), every director or officer of a corporation who knowingly commits an offence under subsection (1) is guilty of an offence and on conviction is liable to a fine of not more than \$50,000 for a first offence and not more than \$100,000 for a subsequent offence or to imprisonment for a term of not more than one year, or to both. 2005, c. 33, s. 8; 2019, c. 7, Sched. 29, s. 2 (2).

Offence, removal of posted notice

29. Any person who removes a copy of an order or of a notice posted in accordance with subsection 15 (3), 24 (2), (3) or 31 (4) without the approval of the Fire Marshal, an assistant to the Fire Marshal or a fire chief is guilty of an offence and on conviction is liable to a fine of not more than \$50,000 for a first offence and not more than \$100,000 for a subsequent offence or to imprisonment for a term of not more than one year, or to both. 2005, c. 33, s. 9; 2019, c. 7, Sched. 29, s. 3.

Offence, failure to comply with inspection order

30. Every person who fails to comply with an order made under section 21, 25 or 26 is guilty of an offence and on conviction is liable to a fine of not more than \$20,000 for every day during which the default continues, and the imposition or payment of the fine does not relieve the person from complying with the order. 2005, c. 33, s. 10.

Limitation period

30.1 No prosecution of an offence under this Act shall be commenced more than one year after the facts on which the prosecution is based first came to the knowledge of,

- (a) a firefighter who is employed in, or appointed to, the fire department of a municipality where the offence occurred or is alleged to have occurred; or

- (b) an assistant to the Fire Marshal who is responsible for the area where the offence occurred or is alleged to have occurred. 2019, c. 7, Sched. 29, s. 4.

Order to close premises, etc.

31. (1) The Fire Marshal, an assistant to the Fire Marshal or a fire chief may apply to the Ontario Court of Justice for an order under this section if,

- (a) a person who has been convicted of an offence under section 30 for failing to comply with an inspection order under section 21 or an order under section 25 or 26 has not complied with the order within 30 days of the conviction; or
- (b) a person who has been convicted of an offence under clause 28 (1) (c) for contravening a provision of the fire code has not ceased to contravene the provision or remedied the contravention within 30 days of the conviction. 1997, c. 4, s. 31 (1); 2002, c. 18, Sched. N, s. 7 (1).

No notice required

(2) An application under subsection (1) may be made without notice to the person referred to in clause (1) (a) or (b). 1997, c. 4, s. 31 (2).

Order

(3) Upon an application under subsection (1), a judge may, if in his or her opinion it is necessary in the interest of public safety, order that the Fire Marshal, assistant to the Fire Marshal or fire chief,

- (a) close access to, or remove, the building, structure or premises to which the order relates; or
- (b) remove or remove and dispose of any substance, material or thing from the building, structure or premises. 1997, c. 4, s. 31 (3); 2002, c. 18, Sched. N, s. 7 (2).

Application

(4) If an order is made under clause (3) (a), subsection 24 (3) applies with necessary modifications to the service and posting of the order. 1997, c. 4, s. 31 (4).

Compliance order

32. (1) The Fire Marshal, an assistant to the Fire Marshal or a fire chief may, in addition to any other rights he or she may have under this Act, apply to a judge of the Superior Court of Justice for an order,

- (a) requiring a person to comply with an inspection order made under section 21 or with an order made under section 25 or 26 if the person has failed to comply with the order; or
- (b) requiring a person to remedy any contravention of a provision of the fire code. 1997, c. 4, s. 32 (1); 2002, c. 18, Sched. N, s. 8.

Powers of judge

(2) Upon an application being made under subsection (1), a judge may make the order requested or such other order as he or she sees fit. 1997, c. 4, s. 32 (2).

Appeal

(3) An appeal lies to the Divisional Court from the judge's order. 1997, c. 4, s. 32 (3).

Fire Marshal to carry out inspection order

33. (1) If an order made under subsection 21 (1) or (2) or section 25 or 26 requires a thing to be done, an inspector may apply to the Fire Safety Commission for an order authorizing him or her to cause the thing to be done. 1997, c. 4, s. 33 (1).

Hearing

(2) Upon receiving an application under subsection (1), the Fire Safety Commission shall appoint a time for and hold a hearing. 1997, c. 4, s. 33 (2).

Consolidation of hearings

(3) If an application is made under this section and an appeal is made under section 26 in respect of the same order, the Fire Safety Commission may, if it considers it practical to do so, consolidate the hearings. 1997, c. 4, s. 33 (3).

Grounds for decision

(4) The Fire Safety Commission may authorize the inspector to cause to be done any thing required to be done by an order made under subsection 21 (1) or (2) or section 25 or 26 if,

- (a) the person required by the order to do the thing,
 - (i) has refused to comply with or is not complying with the order,
 - (ii) is not likely, in the Commission's opinion, to comply with the order promptly,
 - (iii) is not likely, in the Commission's opinion, to carry out the order competently, or
 - (iv) requests the assistance of the inspector in complying with the order; and
- (b) in the Commission's opinion, failure to do the thing would seriously endanger the health or safety of any person or the quality of the natural environment for any use that can be made of it. 1997, c. 4, s. 33 (4).

Powers of Commission

(5) The Fire Safety Commission may, in addition to authorizing an inspector to cause to be done any thing required to be done by an order under subsection 21 (1) or (2) or section 25 or 26,

- (a) rescind the order; or
- (b) amend the order, or make such other order as the Commission deems should have been made under the relevant section, and order the inspector to do the thing in accordance with the amended order or the other order. 1997, c. 4, s. 33 (5).

Same

(6) If the order amended or made under clause (5) (b) provides for the removal of any combustible or explosive material or any thing that may constitute a fire hazard, the Fire Safety Commission may also authorize the inspector to dispose of the material or thing. 2002, c. 18, Sched. N, s. 9.

Warrant authorizing entry

34. (1) If a justice of the peace is satisfied on evidence under oath that there are reasonable grounds to believe that entry on certain land or premises is necessary for the purpose of doing a thing that the Fire Safety Commission has authorized to be done under section 33, the justice of the peace may issue a warrant authorizing the person named in the warrant to enter and do the thing on the land or premises including, where necessary, entering an adjacent property in order to access the property named in the warrant.

Execution and expiry of warrant

- (2) A warrant issued under subsection (1) shall,
 - (a) specify the times, which may be at any time during the day or night, during which the warrant may be carried out; and
 - (b) state when the warrant expires.

Extension of time

(3) A justice of the peace may extend the date on which a warrant expires for such additional periods as the justice of the peace considers necessary.

Use of force

(4) A person authorized under subsection (1) to enter land or premises for the purpose of doing a thing may call on police officers as necessary and may use force as necessary to make the entry and do the thing.

Assistance

(5) A person named in a warrant issued under subsection (1) may call on any other persons he or she considers advisable to execute the warrant.

Application without notice

(6) A justice of the peace may receive and consider an application for a warrant or extension of a warrant under this section without notice to the owner or occupant of the land or premises.

Identification

(7) On the request of an owner or occupant of the land or premises, a person who exercises a power conferred under subsection (1) shall identify himself or herself and shall explain the purpose of the entry. 1997, c. 4, s. 34.

**PART VIII
RECOVERY OF COSTS**

Fire Marshal's order to pay costs

- 35. (1) The Fire Marshal, a fire chief or an assistant to the Fire Marshal may issue,
 - (a) an order, to any person required by an order made under subsection 21 (1) or (2) or section 25 or 26 to do any thing, to pay the costs incurred by the Province of Ontario or a municipality in doing the thing in accordance with an authorization given under section 33;
 - (b) an order, to the owner or the person having control of land or premises, to pay the costs incurred by the Province of Ontario or a municipality in entering the land or premises and doing any thing under section 15; or
 - (c) an order, to the owner or occupant of land or premises, to pay the costs incurred by the Province of Ontario or a municipality in doing any thing to cause the land or premises to be closed immediately under clause 21 (2) (b). 2019, c. 7, Sched. 29, s. 5.

Idem

- (2) An order under subsection (1) to pay costs shall include,
 - (a) a description of the things done for which the costs were incurred and a statement of the authority for doing the things;

- (b) a detailed account of the costs incurred by the Province of Ontario or the municipality, as the case may be; and
- (c) a direction that the person to whom the order is issued pay the costs to the Minister of Finance or the municipality, as the case may be. 1997, c. 4, s. 35 (2); 2002, c. 18, Sched. N, s. 10.

Appeal to Fire Safety Commission

36. (1) A person to whom an order to pay costs is issued may, by written notice served on the person who issued the order and on the Fire Safety Commission within 15 days after service on the person of a copy of the order, require a hearing by the Commission.

Costs specified in order to pay may be increased by Commission

(2) At a hearing by the Fire Safety Commission on an order to pay costs, the Fire Marshal or an assistant to the Fire Marshal or a fire chief may, on reasonable notice to all parties, ask the Commission to amend the order by adding new items of cost or by increasing the amounts set out in the order.

What Commission may consider at hearing

(3) At a hearing by the Fire Safety Commission on an order to pay costs, the Commission shall consider only whether any of the costs specified in the order,

- (a) are unreasonable having regard to what was done; or
- (b) do not relate to a thing,
 - (i) that the person to whom the order to pay costs was issued was required to do by an order made under subsection 21 (1) or (2) or section 25 or 26 or on any appeal from any such order, or
 - (ii) that the Fire Marshal, an assistant to the Fire Marshal or a fire chief was authorized to do under section 15.

Appeal to Divisional Court

(4) Any party to a hearing by the Fire Safety Commission on an order to pay costs may appeal from the decision of the Commission to the Divisional Court on any question that is not a question of fact alone.

Idem

(5) Subsections 27 (2) and (3) apply with necessary modification to an appeal under subsection (4). 1997, c. 4, s. 36.

Enforcement of order to pay costs

37. (1) An order to pay costs may be filed with the Superior Court of Justice and enforced as if it were an order of the court. 1997, c. 4, s. 37 (1); 2002, c. 18, Sched. N, s. 11.

Interest

(2) Section 129 of the *Courts of Justice Act* applies in respect of an order filed under subsection (1) and, for the purpose, the date of filing shall be deemed to be the date of the order. 1997, c. 4, s. 37 (2).

Instructions for municipality to recover costs

38. (1) The Fire Marshal, a fire chief or an assistant to the Fire Marshal may inform a municipality as to the amount of any of the following expenses incurred by the municipality or the Province of Ontario that relate to things done in connection with land or premises in the municipality and instruct the municipality to recover the amounts:

FIRE PROTECTION AND PREVENTION ACT, 1997

1. Expenses incurred in carrying out an order made under subsection 31 (3) that relates to the land or premises.
2. Where an order to pay costs has been issued under section 35 to a person who owns the lands or premises in the municipality,
 - i. expenses incurred in doing anything done in accordance with an authorization given under section 33 to do things to the land or premises, or
 - ii. expenses incurred in doing a thing under section 15 in order to remove or reduce an immediate threat to life on the land or premises. 1997, c. 4, s. 38 (1).

Municipal lien

(2) Upon receiving instructions under subsection (1), a municipality shall have a lien against the land or premises in respect of which expenses referred to in subsection (1) were incurred for the amount of the expenses. 1997, c. 4, s. 38 (2).

Lien

(3) The amount of any expenses referred to in subsection (1) shall have priority lien status, as described in section 1 of the *Municipal Act, 2001*, or section 3 of the *City of Toronto Act, 2006*, as the case may be, and shall be added by the treasurer of the municipality to the tax roll. 2002, c. 17, Sched. F, Table; 2006, c. 32, Sched. C, s. 20 (2).

Remitting costs to Province

(4) Subject to subsection (7), money collected in accordance with subsection (3) in order to recover expenses referred to in subsection (1) that were incurred by the Province of Ontario shall be paid by the municipality to the Minister of Finance; but the municipality may retain such amounts as may be reasonably attributable to the collection. 1997, c. 4, s. 38 (4).

Same

(5) A lien created under subsection (2) in favour of a municipality for amounts incurred by the Province of Ontario is not an estate or interest of the Crown within the meaning of clause 379 (7) (b) of the *Municipal Act, 2001* or clause 350 (7) (b) of the *City of Toronto Act, 2006*, as the case may be. 1997, c. 4, s. 38 (5); 2002, c. 17, Sched. F, Table; 2006, c. 32, Sched. C, s. 20 (3).

Interpretation

(6) In subsections (7) and (8),

“cancellation price” has the same meaning as in Part XI of the *Municipal Act, 2001* or Part XIV of the *City of Toronto Act, 2006*, as the case may be. 2006, c. 32, Sched. C, s. 20 (4).

Proceeds of tax sale

(7) If there is a sale of land under Part XI of the *Municipal Act, 2001* or Part XIV of the *City of Toronto Act, 2006*, as the case may be, and amounts are payable out of the proceeds to the Minister of Finance under this Act, the *Environmental Protection Act* or the *Ontario Water Resources Act*, those amounts shall not be paid until after payment of all other amounts payable out of the proceeds in respect of the cancellation price of the land. 1997, c. 4, s. 38 (7); 2002, c. 17, Sched. F, Table; 2006, c. 32, Sched. C, s. 20 (5).

Cancellation price

(8) Despite Part XI of the *Municipal Act, 2001* or Part XIV of the *City of Toronto Act, 2006*, the treasurer of a municipality may sell land under those Acts for less than the cancellation price, so long as the land is not sold for less than what the cancellation price would have been but for this Act, the *Environmental Protection Act* and the *Ontario Water Resources Act*, and the purchaser may be declared to be the successful purchaser

under Part XI of the *Municipal Act, 2001* or Part XIV of the *City of Toronto Act, 2006*, as the case may be. 2006, c. 32, Sched. C, s. 20 (6).

Collection of costs

39. (1) The Fire Marshal, an assistant to the Fire Marshal or a fire chief may give written notice to the Minister of Finance of the amount of any of the following expenses incurred by the Province of Ontario that relate to things done in connection with the land and premises in territory without municipal organization, requesting the collection of the amount under the *Provincial Land Tax Act, 2006*:

1. Expenses incurred in carrying out an order made under subsection 31 (3) that relates to the land or premises.
2. Where an order to pay costs has been issued under section 35 to a person who owns the lands or premises in territory without municipal organization,
 - i. expenses incurred in doing anything done in accordance with an authorization given under section 33 to do things to the land or premises, or
 - ii. expenses incurred in doing a thing under section 15 in order to remove or reduce an immediate threat to life on the land or premises. 1997, c. 4, s. 39 (1); 2006, c. 33, Sched. Z.3, s. 12 (1).

Same

(2) When the Minister of Finance receives notice of an amount under subsection (1), the amount may be collected under the *Provincial Land Tax Act, 2006* as if the amount was a tax imposed under that Act. 2006, c. 33, Sched. Z.3, s. 12 (2).

(3) REPEALED: 2006, c. 33, Sched. Z.3, s. 12 (2).

Expenses related to work on other lands

40. The amount to be recovered by way of municipal taxes against land or premises under section 38 or 39 shall include all expenses incurred in doing any thing in connection with the land or premises that the Fire Marshal, an assistant to the Fire Marshal or a fire chief was authorized to do under an order or authorization referred to in subsection 38 (1), whether or not the thing was done on the land or premises. 1997, c. 4, s. 40.

PART IX FIREFIGHTERS: EMPLOYMENT AND LABOUR RELATIONS DEFINITIONS

Definitions

41. (1) In this Part,

“association” means an association of firefighters that is entitled under section 46 to represent and act as the bargaining agent for firefighters in a bargaining unit for the purposes of collective bargaining under this Part; (“association syndicale”)

“Board” means the Ontario Labour Relations Board; (“Commission”)

“collective agreement” means an agreement in writing between an employer and a bargaining agent that represents firefighters employed by the employer containing provisions respecting terms or conditions of employment or the rights, privileges or duties of the employer, the bargaining agent or the firefighters; (“convention collective”)

“employer” means a municipality, person or organization that employs firefighters; (“employeur”)

FIRE PROTECTION AND PREVENTION ACT, 1997

“firefighter” means a person regularly employed on a salaried basis in a fire department and assigned to fire protection services and includes technicians but does not include a volunteer firefighter; (“pompier”)

“Minister” means the Minister of Labour; (“ministre”)

“trade union” means a trade union as defined in the Labour Relations Act, 1995. (“syndicat”) 1997, c. 4, s. 41 (1); 2015, c. 34, Sched. 1, s. 2.

Managers not firefighters

- (2) For the purposes of this Part, a person shall be deemed not to be a firefighter if,
- (a) in the opinion of the Board, he or she exercises managerial functions or is employed in a confidential capacity in matters relating to labour relations; or
 - (b) he or she is a person designated under subsection 54 (4). 1997, c. 4, s. 41 (2).

Volunteer firefighter work

(2.1) For greater certainty, references in sections 46.4 and 52.2 to a volunteer firefighter include a person who is also regularly employed on a salaried basis in a fire department and assigned to fire protection services, including a technician, in a different fire service, regardless of whether the services provided as a volunteer firefighter are within the jurisdiction, or otherwise adversely affects the interests, of any association. 2018, c. 17, Sched. 18, s. 1.

Application of *LRA, 1995*

(3) Sections 110 to 112, subsections 114 (1) and (3), sections 116 to 118 and 120 to 123 of the *Labour Relations Act, 1995* apply with necessary modifications to proceedings before the Board under this Act and the Board may exercise the powers under those provisions as if they were part of this Act. 1997, c. 4, s. 41 (3).

Transition

(4) An agreement made under section 5 of the *Fire Departments Act*, or a decision or award made under section 6 of that Act, that is in effect immediately before the day this Part comes into force shall, on and after that day, remain in effect and be deemed to be a collective agreement to which this Part applies. 1997, c. 4, s. 41 (4).

Same

(5) If a request to bargain was made under section 5 of the *Fire Departments Act* before the day this Part comes into force, this Part applies as if notice had been given under section 47 on that day. 1997, c. 4, s. 41 (5).

WORKING CONDITIONS

Strike and lock outs

42. (1) No firefighter shall strike and no employer of firefighters shall lock them out.

Definitions

- (2) In this section,

“lock-out” and “strike” have the same meaning as in the *Labour Relations Act, 1995*. 1997, c. 4, s. 42.

Hours of work

43. (1) In every municipality having a population of not less than 10,000, the firefighters assigned to firefighting duties shall work according to,

- (a) the two-platoon system where the firefighters are divided into two platoons, the hours of work of which shall be,
 - (i) for each platoon 24 consecutive hours on duty followed immediately by 24 consecutive hours off duty, or
 - (ii) for one platoon in day-time ten consecutive hours on duty followed immediately by 14 consecutive hours off duty and for the other platoon in night-time 14 consecutive hours on duty followed immediately by 10 consecutive hours off duty,and the platoons shall alternate at least every two weeks from night work to day work and vice versa;
- (b) the three-platoon system where the firefighters are divided into three platoons, the hours of work of which shall be eight consecutive hours on duty followed immediately by 16 consecutive hours off duty, and the platoons shall rotate in their periods of duty and time off as may be arranged for the purpose of changing shifts at least every two weeks; or
- (c) any other system of platoons or hours of work under which the maximum hours of work or hours on duty on average in any work week are not more than 48 hours.

Other personnel

(2) Firefighters assigned to duties other than fire-fighting duties shall work such hours as are determined, but in no case shall such hours of work exceed the average work week of the other full-time firefighters.

Maximum hours

(3) No firefighters shall be required to be on duty on average in any work week more than 48 hours.

Weekly day off duty

(4) Every firefighter shall be off duty for one full day of 24 hours in every calendar week, but where a two-platoon system or a three-platoon system is in operation, the 24 hours release at the change of platoons shall not be regarded as a day off duty for the purposes of this section.

Time off duty

(5) Nothing in this Part prohibits any municipality from granting the firefighters more than one day off duty in every calendar week.

Off duty

(6) The hours off duty of firefighters shall be free from fire department duties.

Exception for emergencies

(7) Despite subsections (1) to (6), the fire chief may call in off-duty firefighters if, as a result of a major emergency, the fire department needs the services of more firefighters than are on duty. 1997, c. 4, s. 43.

Termination of employment

44. (1) The employment of a firefighter may be terminated upon seven days' notice. The notice must be accompanied by written reasons for the termination.

Independent review

(2) A firefighter who has received a notice of termination of employment may require a review of the termination to be conducted, unless a collective agreement provides for another review mechanism.

Same

(3) If a review of a termination is required under subsection (2), the municipality in which the firefighter is employed shall appoint a person who is not employed in the fire department to conduct the review.

Review, no hearing

(4) A person appointed to conduct a review shall conduct the review within 10 days after the day the review is required. The person is not required to hold a hearing in conducting a review under this section.

Decision

(5) A person conducting a review of a termination under this section may uphold the termination, order that the firefighter be returned to duties under such conditions as may be specified in the order or make such other order as he or she considers proper.

Probationary period

(6) The employment of a firefighter may be terminated without cause at any time during the first 12 months, unless a collective agreement provides otherwise. Subsections (2) to (5) do not apply with respect to a termination during that period. 1997, c. 4, s. 44.

ESTABLISHMENT OF BARGAINING RIGHTS BY CERTIFICATION

Bargaining unit

45. (1) The firefighters employed in a fire department constitute a bargaining unit for the purposes of collective bargaining under this Act.

Exclusion

(2) The bargaining unit shall not include persons who are deemed not to be firefighters under subsection 41 (2). 1997, c. 4, s. 45.

Bargaining agent

46. (1) The majority of firefighters in a bargaining unit may request an association of firefighters to represent them and act as their bargaining agent for purposes of collective bargaining under this Part.

Transition

(2) An association of firefighters that, immediately before the day this Part comes into force, was a party to, or bound by, an agreement made under section 5 of the *Fire Departments Act* or was bound by the decision or award of a board of arbitration under section 6 of that Act shall, on and after the day this Part comes into force and until such time as a new bargaining agent is requested under subsection (1), be deemed to be the bargaining agent for the firefighters in the bargaining unit. 1997, c. 4, s. 46.

UNFAIR LABOUR PRACTICES

Duty of fair representation by association

46.1 (1) An association shall not act in a manner that is arbitrary, discriminatory or in bad faith in the representation of any of the firefighters in the bargaining unit it represents, whether or not they are members of the association. 2015, c. 34, Sched. 1, s. 3.

Transition

(2) This section does not apply in respect of any conduct or events that occurred before December 1, 2011. 2011, c. 13, s. 1.

Employers not to interfere with associations

46.2 No employer or employers' organization and no person acting on behalf of an employer or an employers' organization shall participate in or interfere with the formation, selection or administration of an association or the representation of firefighters by an association or contribute financial or other support to an association, but nothing in this section shall be deemed to deprive an employer of the employer's freedom to express views so long as the employer does not use coercion, intimidation, threats, promises or undue influence. 2015, c. 34, Sched. 1, s. 4.

Associations not to interfere with employers' organizations

46.3 No association and no person acting on behalf of an association shall participate in or interfere with the formation or administration of an employers' organization or contribute financial or other support to an employers' organization. 2015, c. 34, Sched. 1, s. 4.

Employers not to interfere with firefighters' rights

46.4 No employer, employers' organization or person acting on behalf of an employer or an employers' organization,

- (a) shall refuse to employ or to continue to employ a person, or discriminate against a person in regard to employment or any term or condition of employment because the person was or is a member of an association or was or is exercising any other rights under this Part;
- (b) shall impose any condition in a contract of employment or propose the imposition of any condition in a contract of employment that seeks to restrain a firefighter or a person seeking employment from becoming a member of a trade union or exercising any other rights under this Part; or
- (c) shall seek by threat of dismissal, or by any other kind of threat, or by the imposition of a pecuniary or other penalty, or by any other means to compel a firefighter to become or refrain from becoming or to continue to be or to cease to be a member or officer or representative of an association or to cease to exercise any other rights under this Part. 2015, c. 34, Sched. 1, s. 4.
- (d) shall refuse to employ a person as a firefighter, refuse to assign a person to fire protection services or discharge a firefighter because the person has worked, is working or intends to work as a volunteer firefighter. 2015, c. 34, Sched. 1, s. 4; 2018, c. 17, Sched. 18, s. 2.

No interference with bargaining rights

46.5 (1) No employer, employers' organization or person acting on behalf of an employer or an employers' organization shall, so long as an association represents the firefighters in a bargaining unit, bargain with or enter into a collective agreement with any person or another association, trade union or council of trade unions on behalf of or purporting, designed or intended to be binding upon the firefighters in the bargaining unit or any of them. 2015, c. 34, Sched. 1, s. 4.

Same

(2) No person, association, trade union or council of trade unions shall, so long as another association continues to be entitled to represent the firefighters in a bargaining unit, bargain with or enter into a collective agreement with an employer or an employers' organization on behalf of or purporting, designed or intended to be binding upon the firefighters in the bargaining unit or any of them. 2015, c. 34, Sched. 1, s. 4.

Intimidation and coercion

46.6 No person, association or employers' organization shall seek by intimidation or coercion to compel any person to become or refrain from becoming or to continue to be or to cease to be a member of an association or of an employers' organization or to refrain from exercising any other rights under this Part or from performing any obligations under this Part. 2015, c. 34, Sched. 1, s. 4.

Persuasion during working hours

46.7 Nothing in this Part authorizes any person to attempt at the place at which a firefighter works to persuade the firefighter during the firefighter's working hours to become or refrain from becoming or continuing to be a member of an association or a trade union. 2015, c. 34, Sched. 1, s. 4.

Protection of witnesses' rights

46.8 (1) No employer, employers' organization or person acting on behalf of an employer or employers' organization shall,

- (a) refuse to employ or continue to employ a person;
- (b) threaten dismissal or otherwise threaten a person;
- (c) discriminate against a person in regard to employment or a term or condition of employment; or
- (d) intimidate or coerce or impose a pecuniary or other penalty on a person,

because of a belief that the person may testify in a proceeding under this Part or because the person has made or is about to make a disclosure that may be required in a proceeding under this Part or because the person has made an application or filed a complaint under this Act or has participated in or is about to participate in a proceeding under this Part. 2015, c. 34, Sched. 1, s. 4.

Same

(2) No association or person acting on behalf of an association shall,

- (a) discriminate against a person in regard to employment or a term or condition of employment; or
- (b) intimidate or coerce or impose a pecuniary or other penalty on a person, because of a belief that the person may testify in a proceeding under this Part or because the person has made or is about to make a disclosure that may be required in a proceeding under this Part or because the person has made an application or filed a complaint under this Act or has participated in or is about to participate in a proceeding under this Part. 2015, c. 34, Sched. 1, s. 4.

Removal, etc., of posted notices

46.9 No person shall wilfully destroy, mutilate, obliterate, alter, deface or remove or cause to be destroyed, mutilated, obliterated, altered, defaced or removed any notice that the Board has required to be posted during the period that the notice is required to be posted. 2015, c. 34, Sched. 1, s. 4.

COLLECTIVE BARGAINING

Notice of desire to bargain

47. (1) If no collective agreement is in effect, a bargaining agent acting pursuant to subsection 46 (1), shall give written notice to the employer of its desire to bargain with a view to making a collective agreement.

Same

(2) The employer or the bargaining agent may give written notice of its desire to bargain with a view to making a collective agreement within the period of 90 days before the expiry date set out in the collective agreement or, if no expiry date is set out in the agreement, within the period of 90 days before the expiry date referred to in subsection 52 (1). 1997, c. 4, s. 47.

Obligation to bargain

48. (1) The employer and the bargaining agent shall meet within 15 days after the notice is given, or within such longer period as they may agree upon, and they shall bargain in good faith and make every reasonable effort to make a collective agreement.

Parties

(2) The employer and the bargaining agent are the parties to the bargaining. 1997, c. 4, s. 48.

Referral to arbitration

49. Where, after bargaining under section 48, either of the parties is satisfied that an agreement cannot be reached, the party may, by notice in writing to the other party and to the Minister, require all matters remaining in dispute to be decided by arbitration in accordance with this Part. 2016, c. 37, Sched. 9, s. 2.

50. REPEALED: 2016, c. 37, Sched. 9, s. 2.

Arbitrator

50.1 (1) Within seven days after the day upon which notice is given under section 49, the parties shall appoint a person as arbitrator and forthwith notify the Minister of the name and address of the person appointed. 2018, c. 17, Sched. 18, s. 3.

Extension of time

(2) The parties, by mutual agreement in writing, may extend the period of seven days mentioned in subsection (1) for one further period of seven days. 2018, c. 17, Sched. 18, s. 3.

Notice to Minister

(3) If the parties extend the period under subsection (2), they shall inform the Minister. 2018, c. 17, Sched. 18, s. 3.

Appointment by Minister

(4) If the parties fail to notify the Minister within the time set out in subsection (1) or the time extended under subsection (2), the Minister shall forthwith appoint as arbitrator a person who is, in the opinion of the Minister, qualified to act and notify the parties of the name and address of the person appointed. 2018, c. 17, Sched. 18, s. 3.

Replacement

(5) If the person appointed as arbitrator is unable or unwilling to perform his or her duties so as to make an award, the Minister shall forthwith appoint another person as arbitrator and the arbitration process shall begin anew. 2018, c. 17, Sched. 18, s. 3.

Restriction

(6) No person shall be appointed as an arbitrator under this Act who has any pecuniary interest in the matters coming before him or her or who is acting or has, within a period of six months preceding the date of his or her appointment, acted as solicitor, counsel or agent of either of the parties. 2018, c. 17, Sched. 18, s. 3.

Not subject to judicial review

(7) It is conclusively determined that the appointment of an arbitrator made under this section is properly made, and no application shall be made to question the appointment or to prohibit or restrain any of the arbitrator's proceedings. 2018, c. 17, Sched. 18, s. 3.

Appointment of board of arbitration

50.2 (1) If the arbitrator is appointed by the parties, the parties shall select the method of arbitration. 2018, c. 17, Sched. 18, s. 3.

Same, mediation-arbitration

(2) The parties by a mutual agreement in writing may extend the period of seven days mentioned in subsection (1) for one further period of seven days. 1997, c. 21, Sched. A, s. 3 (1).

Selection by Minister

(3) If the arbitrator is appointed by the Minister, the Minister shall select the method of arbitration. 2018, c. 17, Sched. 18, s. 3.

Same, mediation-arbitration

(4) The Minister shall select mediation-arbitration as the method of arbitration unless the Minister is of the view that another method is more appropriate. 2018, c. 17, Sched. 18, s. 3.

Same, final offer selection

(5) The Minister shall not select final offer selection without mediation as the method of arbitration. 2018, c. 17, Sched. 18, s. 3.

Same, mediation-final offer selection

(6) The Minister shall not select mediation-final offer selection as the method of arbitration unless the Minister, in his or her sole discretion, selects that method because he or she is of the view that it is the most appropriate method having regard to the nature of the dispute. 2018, c. 17, Sched. 18, s. 3.

Procedure

Time and place of proceedings

50.3 (1) Subject to subsection (2), the arbitrator shall fix the time and place of the proceedings and shall notify the Minister of the time and place and the Minister shall notify the parties. 2018, c. 17, Sched. 18, s. 3.

When proceedings commence

(2) The arbitrator shall begin the proceedings within 30 days after he or she is appointed. 2018, c. 17, Sched. 18, s. 3.

Order to expedite proceedings

(3) Where an arbitrator has been appointed, the arbitrator shall keep the Minister advised of the progress of the arbitration and where the Minister is advised that an award has not been rendered within the time set out in subsection 50.5 (5) or within the time extended under subsection 50.5 (6), the Minister may, after consulting the parties and the arbitrator, issue whatever order he or she considers necessary in the circumstances to ensure that an award will be rendered within a reasonable time. 2018, c. 17, Sched. 18, s. 3.

Written submissions

(4) The parties shall file written submissions on all matters remaining in dispute with the arbitrator before the date set by the arbitrator. 2018, c. 17, Sched. 18, s. 3.

Same, time

(5) The date set by the arbitrator in subsection (4) must be before the day the first hearing begins. 2018, c. 17, Sched. 18, s. 3.

Time for submission of information

(6) If the method of arbitration is mediation-arbitration or mediation-final offer selection, the arbitrator may, after consulting with the parties, set a date after which a party may not submit information to the arbitrator unless,

- (a) the information was not available prior to the date;
- (b) the arbitrator permits the submission of the information; and
- (c) the other party is given an opportunity to make submissions concerning the information. 2018, c. 17, Sched. 18, s. 3.

Procedure

(7) Subject to section 50.2 and the other provisions of this section, the arbitrator shall determine his or her own procedure but shall give full opportunity to the parties to present their evidence and make their submissions. 2018, c. 17, Sched. 18, s. 3.

Notice of agreement to recommence

50.3.1 (1) If the arbitrator was appointed by the Minister, the parties may, at any time before the arbitrator renders an award, jointly serve written notice on the Minister that they have agreed that the arbitration should be recommenced before a different arbitrator. 2018, c. 17, Sched. 18, s. 3.

Termination of appointment

(2) If notice is served on the Minister under subsection (1), the appointment of the arbitrator is terminated. 2018, c. 17, Sched. 18, s. 3.

Effective date of termination

(3) The termination is effective on the day the Minister is served with the notice. 2018, c. 17, Sched. 18, s. 3.

Obligation to appoint

(4) Within seven days after the day the Minister is served with the notice, the parties shall jointly appoint, under subsection 50.1 (1), a person who agreed to act and sections 50.1 to 50.3 and this section apply with respect to the appointment. 2018, c. 17, Sched. 18, s. 3.

Powers

50.3.2 An arbitrator appointed under this Act has all the powers of a board of arbitration under the Labour Relations Act, 1995. 2018, c. 17, Sched. 18, s. 3.

Single arbitration of several disputes

50.4 (1) Where there are matters in dispute between parties to be decided by more than one arbitration in accordance with this Part, the parties may agree in writing that the matters in dispute shall be decided by one arbitrator. 1997, c. 21, Sched. A, s. 3 (1); 2018, c. 17, Sched. 18, s. 7.

Parties

(2) For the purposes of section 50.1, the bargaining agents for or on behalf of any firefighters to whom this Part applies shall be one party and the employers of such firefighters shall be the other party. 1997, c. 21, Sched. A, s. 3 (1); 2018, c. 17, Sched. 18, s. 4 (1).

Powers of board

(3) In an arbitration to which this section applies, the arbitrator may, in addition to the powers conferred upon an arbitrator by this Part,

- (a) make a decision on matters of common dispute between all of the parties; and
- (b) despite subsections 50.5 (1.1) and (1.2), refer matters of particular dispute to the parties concerned for further bargaining. 1997, c. 21, Sched. A, s. 3 (1); 2016, c. 37, Sched. 9, s. 4; 2018, c. 17, Sched. 18, s. 4 (2), 7.

Same

(4) Where matters of particular dispute are not resolved by further collective bargaining under clause (3) (b), the arbitrator shall decide the matters. 1997, c. 21, Sched. A, s. 3 (1); 2018, c. 17, Sched. 18, s. 7.

Duty of arbitrator

50.5 (1) The arbitrator shall examine into and decide on matters that are in dispute and any other matters that appear to the arbitrator necessary to be decided in order to conclude a collective agreement between the parties. 1997, c. 21, Sched. A, s. 3 (1); 2018, c. 17, Sched. 18, s. 7.

Same

(1.1) Subject to subsection (1.2), in making its decision, the arbitrator shall not refer a matter that is in dispute back to the parties for further bargaining. 2016, c. 37, Sched. 9, s. 5; 2018, c. 17, Sched. 18, s. 7.

Same

- (1.2) The arbitrator may refer a matter that is in dispute back to the parties for further bargaining if,
- (a) the arbitrator has not issued its decision; and
 - (b) the parties agree. 2016, c. 37, Sched. 9, s. 5; 2018, c. 17, Sched. 18, s. 7.

Same

(1.3) For greater certainty, nothing in subsection (1.1) prevents the arbitrator from referring matters concerning the implementation of its decision back to the parties. 2016, c. 37, Sched. 9, s. 5; 2018, c. 17, Sched. 18, s. 7.

Criteria

(2) In making a decision, the arbitrator shall take into consideration all factors the arbitrator considers relevant, including the following criteria:

1. A comparison, as between the employees and other employees in the public and private sectors, of the terms and conditions of employment.
2. A comparison of collective bargaining settlements reached in the same municipality and in comparable municipalities, including those reached by employees in bargaining units to which the Labour Relations Act, 1995 applies, having regard to the relative economic health of the municipalities.
3. The economic health of Ontario and the municipality, including, but not limited to, changes to labour market characteristics, property tax characteristics and socio-economic characteristics.
4. The employer's ability to attract and retain qualified firefighters.
5. The interest and welfare of the community served by the fire department.
6. Any local factors affecting the community. 2018, c. 17, Sched. 18, s. 5 (1).

Restriction

(3) Nothing in subsection (2) affects the powers of the arbitrator. 1997, c. 21, Sched. A, s. 3 (1); 2018, c. 17, Sched. 18, s. 7.

Arbitrator to remain seized of matters

(4) The arbitrator shall remain seized of and may deal with all matters in dispute between the parties until a collective agreement is in effect between the parties. 1997, c. 21, Sched. A, s. 3 (1); 2018, c. 17, Sched. 18, s. 7.

Reasons

(4.1) When the arbitrator gives a decision, the arbitrator shall provide written reasons upon the request of either party. 2018, c. 17, Sched. 18, s. 5 (2).

Same

(4.2) The written reasons must clearly demonstrate that the arbitrator has considered the criteria on which a party has made submissions under subsection 50.3 (4), and may deal with other matters as the arbitrator considers appropriate. 2018, c. 17, Sched. 18, s. 5 (2).

Time for decision

(5) The arbitrator shall give a decision within 90 days after his or her appointment. 2018, c. 17, Sched. 18, s. 5 (3).

Extension

(6) The parties may agree to extend the time described in subsection (5), either before or after the time has passed. 1997, c. 21, Sched. A, s. 3 (1).

Remuneration and expenses

(7) Each party shall pay one half of the arbitrator's remuneration and expenses. 2018, c. 17, Sched. 18, s. 5 (4).

Enforcement of arbitration decisions

(8) Where a party or firefighter has failed to comply with any of the terms of the decision of an arbitrator, any party or firefighter affected by the decision may file in the Superior Court of Justice a copy of the decision, exclusive of the reasons therefor, whereupon the decision shall be entered in the same way as a judgment or order of that court and is enforceable as such. 1997, c. 21, Sched. A, s. 3 (1); 2002, c. 18, Sched. N, s. 12; 2018, c. 17, Sched. 18, s. 5 (5).

Non-application

(9) The *Arbitration Act, 1991* and the *Statutory Powers Procedure Act* do not apply with respect to an arbitration under this Part. 1997, c. 21, Sched. A, s. 3 (1).

Where agreement reached

50.6 (1) Where, during the bargaining under this Part or during the proceedings before the arbitrator, the parties agree on all the matters to be included in a collective agreement, they shall put them in writing and shall execute the document, and thereupon it constitutes a collective agreement. 1997, c. 21, Sched. A, s. 3 (1); 2018, c. 17, Sched. 18, s. 7.

Failure to make agreement

(2) If the parties fail to put the terms of all the matters agreed upon by them in writing or if having put the terms of their agreement in writing either of them fails to execute the document within seven days after it was executed by the other of them, they shall be deemed not to have made a collective agreement and the provisions of sections 49 to 50.5 apply, with necessary modifications. 1997, c. 21, Sched. A, s. 3 (1).

Decision of arbitrator

(3) Where, during the bargaining under this Part or during the proceedings before the arbitrator, the parties have agreed upon some matters to be included in the collective agreement and have notified the arbitrator in writing of the matters agreed upon, the decision of the arbitrator shall be confined to the matters not agreed upon by the parties and to such other matters that appear to the arbitrator necessary to be decided to conclude a collective agreement between the parties. 1997, c. 21, Sched. A, s. 3 (1); 2018, c. 17, Sched. 18, s. 7.

Same

(4) Where the parties have not notified the arbitrator in writing that, during the bargaining under this Part or during the proceedings before the arbitrator, they have agreed upon some matters to be included in the collective agreement, the arbitrator shall decide all matters in dispute and such other matters that appear to the arbitrator necessary to be decided to conclude a collective agreement between the parties. 1997, c. 21, Sched. A, s. 3 (1); 2018, c. 17, Sched. 18, s. 7.

Execution of agreement

(5) Within five days of the date of the decision of the arbitrator or such longer period as may be agreed upon in writing by the parties, the parties shall prepare and execute a document giving effect to the decision of the arbitrator and any agreement of the parties, and the document thereupon constitutes a collective agreement. 1997, c. 21, Sched. A, s. 3 (1); 2018, c. 17, Sched. 18, s. 7.

Preparation of agreement by arbitrator

(6) If the parties fail to prepare and execute a document in the form of a collective agreement giving effect to the decision of the arbitrator and any agreement of the parties within the period mentioned in subsection (5), the parties or either of them shall notify the arbitrator in writing forthwith, and the arbitrator shall prepare a document in the form of a collective agreement giving effect to the decision of the arbitrator and any agreement of the parties and submit the document to the parties for execution. 1997, c. 21, Sched. A, s. 3 (1); 2018, c. 17, Sched. 18, s. 6, 7.

Failure to execute agreement

(7) If the parties or either of them fail to execute the document prepared by the arbitrator within a period of five days from the day of its submission by the arbitrator to them, the document shall come into effect as though it had been executed by the parties and the document thereupon constitutes a collective agreement. 1997, c. 21, Sched. A, s. 3 (1); 2018, c. 17, Sched. 18, s. 7.

Delegation

50.7 (1) The Minister may delegate in writing to any person the Minister's power to make an appointment, order or direction under this Act. 1997, c. 21, Sched. A, s. 3 (1); 2002, c. 18, Sched. N, s. 13 (1).

Proof of appointment

(2) An appointment, an order or a direction made under this Act that purports to be signed by or on behalf of the Minister shall be received in evidence in any proceeding as proof, in the absence of evidence to the contrary, of the facts stated in it without proof of the signature or the position of the person appearing to have signed it. 1997, c. 21, Sched. A, s. 3 (1); 2002, c. 18, Sched. N, s. 13 (2).

Existing proceedings discontinued

50.8 (1) Proceedings before a board of arbitration under this Part or a predecessor to this Act in which a hearing was commenced before the date on which subsection 3 (1) of the *Public Sector Dispute Resolution Act, 1997* comes into force are terminated and any decision in such proceedings is void.

Exception, completed proceedings

(2) This section does not apply with respect to proceedings in which a hearing was commenced before June 3, 1997 if,

- (a) a final decision is issued on or before June 3, 1997; or
- (b) a final decision is issued after June 3, 1997 and the decision is served before the date on which subsection 3 (1) of the *Public Sector Dispute Resolution Act, 1997* comes into force.

Exception, by agreement

(3) This section does not apply if the parties agree in writing after the date on which subsection 3 (1) of the *Public Sector Dispute Resolution Act, 1997* comes into force to continue the proceedings. 1997, c. 21, Sched. A, s. 3 (1).

Transition

Referred to arbitration

50.9 (1) Sections 50, 50.2, 50.4 and 50.5, as they read immediately before the repeal date, continue to apply to parties who were referred to arbitration under section 50 before the repeal date. 2016, c. 37, Sched. 9, s. 6.

Requested appointment of conciliation officer

(2) Sections 49 and 50 and subsection 50.2 (1), as they read immediately before the repeal date, continue to apply to parties if either party made a request for the appointment of a conciliation officer under subsection 49 (1) before the repeal date. 2016, c. 37, Sched. 9, s. 6.

Definition – repeal date

(3) In this section,

“repeal date” means the day that section 6 of Schedule 9 to the Building Ontario Up for Everyone Act (Budget Measures), 2016 comes into force. 2016, c. 37, Sched. 9, s. 6.

Transition

Board of arbitration

50.10 If, on or after November 15, 2018, notice under section 49 is given, and on the day the Restoring Trust, Transparency and Accountability Act, 2018 receives Royal Assent, the hearing has not commenced, sections 50.1 to 50.6 apply to the arbitration and if a board of arbitration was appointed, the chair continues as the arbitrator and the appointments of the other members of the board are terminated. 2018, c. 17, Sched. 18,

OPERATION OF COLLECTIVE AGREEMENTS

Collective agreement

51. (1) Every collective agreement must be set out in writing.

Binding effect

(2) A collective agreement is binding upon the employer, the bargaining agent and the members of the bargaining unit.

Commencement

(3) A collective agreement comes into effect according to its terms. If the agreement does not provide for its commencement date, it comes into effect at the beginning of the first fiscal period in respect of which the employer budgets for expenditures under the agreement.

Same

(4) Despite subsection (3), if a collective agreement provides that it comes into effect on a specified day and that day occurs before the beginning of the first fiscal period in respect of which the employer can budget for expenditures under the agreement, the agreement shall be deemed to provide that it comes into effect at the beginning of that first fiscal period. 1997, c. 4, s. 51.

Minimum term of collective agreements

52. (1) If a collective agreement does not provide for its term of operation or provides for its operation for an unspecified term or for a term of less than one year, it shall be deemed to provide for its operation for a term of one year from the date that it commenced to operate.

Extension of term of collective agreement

(2) Despite subsection (1), the parties may, in a collective agreement or otherwise and before or after the collective agreement has ceased to operate, agree to continue the operation of the collective agreement or any

of its provisions for a period of less than one year while they are bargaining for its renewal with or without modifications or for a new agreement and the continuation of the collective agreement may be terminated by either party upon 30 days notice to the other party.

Early termination of collective agreements

(3) A collective agreement shall not be terminated by the parties before it ceases to operate in accordance with its provisions or this Act without the consent of the Board on the joint application of the parties.

Revision by mutual consent

(4) Nothing in this section prevents the revision by mutual consent of the parties at any time of any provision of a collective agreement other than a provision relating to its term of operation. 1997, c. 4, s. 52.

Deduction and remittance of association dues

52.1 (1) Subject to section 52.3, where an association so requests, there shall be included in the collective agreement between the association and the employer of the firefighters a provision requiring the employer to deduct from the wages of each firefighter in the unit affected by the collective agreement, whether or not the firefighter is a member of the association, the amount of the regular association dues and to remit the amount to the association, forthwith. 2015, c. 34, Sched. 1, s. 5.

Definition

(2) In subsection (1),

“regular association dues” means,

- (a) in the case of a firefighter who is a member of an association, the dues uniformly and regularly paid by a member of the association in accordance with the constitution and by-laws of the association, and
- (b) in the case of a firefighter who is not a member of an association, the dues referred to in clause (a), excluding any amount in respect of pension, superannuation, sickness insurance or any other benefit available only to members of the association. 2015, c. 34, Sched. 1, s. 5.

Permissive provisions

52.2 (1) Despite anything in this Part, the parties to a collective agreement may include in it provisions,

- (a) for requiring, as a condition of employment, membership in the association or granting a preference of employment to members of the association, or requiring the payment of dues or contributions to the association;
- (b) for permitting a firefighter who represents the association to attend to the business of the association during working hours without deduction of the time so occupied in the computation of the time worked for the employer and without deduction of wages in respect of the time so occupied; and
- (c) for permitting the association the use of the employer’s premises for the purposes of the association without payment therefor. 2015, c. 34, Sched. 1, s. 5.

Prohibitions re non-member firefighter

(2) No association that is a party to a collective agreement containing a provision mentioned in clause (1) (a) shall require the employer to refuse to employ a person as a firefighter, refuse to assign a person to fire protection services or discharge a firefighter because,

- (a) the firefighter has been expelled or suspended from membership in the association; or
- (b) membership in the association has been denied or withheld from the firefighter, for reason that the firefighter,

- (c) was or is a member of another association or a trade union;
- (d) has engaged in activity against the association or on behalf of another association or a trade union;
- (e) has engaged in reasonable dissent within the association, including with respect to the person's work, past work or intended work as a volunteer firefighter;
- (f) has been discriminated against by the association in the application of its membership rules, including with respect to the person's work, past work or intended work as a volunteer firefighter;
- (g) has refused to pay initiation fees, dues or other assessments to the association which are unreasonable; or
- (h) has worked, is working or intends to work as a volunteer firefighter, regardless of whether or not such work is within the jurisdiction, or adversely affects the interests, of the association. 2018, c. 17, Sched. 18, s. 9 (1).

Where subs. (2) does not apply

(3) Subsection (2) does not apply to a firefighter who has engaged in unlawful activity against the association mentioned in clause (1) (a) or an officer, official or agent thereof or whose activity against the association or on behalf of another association or trade union has been instigated or procured by the firefighter's employer or any person acting on the employer's behalf or whose employer or a person acting on the employer's behalf has participated in such activity or contributed financial or other support to the firefighter in respect of the activity. 2015, c. 34, Sched. 1, s. 5.

Same, unlawful activity

(3.1) For greater certainty, work as a volunteer firefighter, as described in clause (2) (h), is not an unlawful activity for the purposes of subsection (3). 2018, c. 17, Sched. 18, s. 9 (2).

Subs. (1) provisions continued during bargaining

(4) Despite anything in this Part, where the parties to a collective agreement have included in it any of the provisions permitted by subsection (1), any of such provisions may be continued in effect during the period when the parties are bargaining with a view to the renewal, with or without modifications, of the agreement or to the making of a new agreement. 2015, c. 34, Sched. 1, s. 5.

Where volunteer firefighter cannot be disciplined by association

(5) On or after November 15, 2018, no association shall deny membership to, suspend, expel, fine, attempt to collect a fine from, penalize or otherwise discipline a firefighter because the firefighter has worked, is working or intends to work as a volunteer firefighter, regardless of whether or not such work is within the jurisdiction, or adversely affects the interests, of the association. 2018, c. 17, Sched. 18, s. 9 (3).

Same, application

(6) The prohibition in subsection (5) applies regardless of whether the work as a volunteer firefighter occurred before November 15, 2018. 2018, c. 17, Sched. 18, s. 9 (3).

Civil remedy

(7) No action or other civil proceeding shall be commenced by any person, association or representative of an association against a firefighter who has worked, is working or intends to work as a volunteer firefighter, to attempt to collect a fine or any other form of monetary penalty, or to enforce or otherwise give effect to any decision of an association prohibited under subsection (5). 2018, c. 17, Sched. 18, s. 9 (3).

Religious objections

- 52.3** (1) Where the Board is satisfied that a firefighter because of his or her religious conviction or belief,
- (a) objects to joining an association; or
 - (b) objects to the paying of dues or other assessments to an association,

the Board may order that the provisions of a collective agreement of the type mentioned in clause 52.2 (1) (a) do not apply to the firefighter and that the firefighter is not required to join the association, to be or continue to be a member of the association, or to pay any dues, fees or assessments to the association, provided that amounts equal to any initiation fees, dues or other assessments are paid by the firefighter to or are remitted by the employer to a charitable organization mutually agreed upon by the firefighter and the association, but if the firefighter and the association fail to so agree then to a charitable organization registered as a charitable organization in Canada under Part I of the Income Tax Act (Canada) that may be designated by the Board.

2015, c. 34, Sched. 1, s. 5.

Application of subs. (1)

(2) Subsection (1) applies to firefighters in the employ of an employer at the time a collective agreement containing a provision of the kind mentioned in subsection (1) is first entered into with that employer and only during the life of such collective agreement, and does not apply to firefighters whose employment commences after the entering into of the collective agreement. 2015, c. 34, Sched. 1, s. 5.

Arbitration provision required

53. (1) Every collective agreement shall provide for the final and binding settlement by arbitration of all differences between the parties arising from the interpretation, application, administration or alleged violation of the collective agreement, including any question as to whether a matter is arbitrable, by a single arbitrator. 1997, c. 4, s. 53 (1).

Same

(2) If a collective agreement does not contain the provision mentioned in subsection (1), it shall be deemed to contain the following provision:

If a difference arises between the parties relating to the interpretation, application, administration of this agreement, including any question as to whether a matter is arbitrable, or if an allegation is made that this agreement has been violated, either of the parties may, after exhausting any grievance procedure established in this agreement, notify the other party in writing of its desire to submit the difference or allegation to a single arbitrator. 1997, c. 4, s. 53 (2).

Selection of single arbitrator

(3) If a matter is referred to arbitration, the arbitrator shall be selected in accordance with the regulations. 1997, c. 4, s. 53 (3).

Commencement of proceedings

(4) The arbitrator shall begin the arbitration proceedings within 30 days after his or her appointment or within such longer period as the parties may agree upon or as the arbitrator may determine. 1997, c. 4, s. 53 (4).

Time for decision

(5) An arbitrator shall give a decision within 30 days after hearings on the matter submitted to arbitration are concluded. 1997, c. 4, s. 53 (5).

Same

- (6) The time described in subsection (5) for giving a decision may be extended,
- (a) with the consent of the parties to the arbitration; or
 - (b) in the discretion of the arbitrator so long as he or she states in the decision the reasons for extending the time. 1997, c. 4, s. 53 (6).

Oral decision

(7) An arbitrator may give an oral decision and, if he or she does so, subsection (5) does not apply and the arbitrator,

- (a) shall give the decision promptly after hearings on the matter are concluded;
- (b) shall give a written decision, without reasons, promptly upon the request of either party; and
- (c) shall give written reasons for the decision within a reasonable period of time upon the request of either party. 1997, c. 4, s. 53 (7).

Orders re decisions

(8) If the arbitrator does not give a decision within the time described in subsection (5) or does not provide written reasons within the time described in subsection (7), the Minister may,

- (a) make such orders as he or she considers necessary to ensure that the decision or reasons will be given without undue delay; and
- (b) make such orders as he or she considers appropriate respecting the remuneration and expenses of the arbitrator. 1997, c. 4, s. 53 (8).

Powers of arbitrators

(9) An arbitrator has power,

- (a) to require any party to furnish particulars before or during a hearing;
- (b) to require any party to produce documents or things that may be relevant to the matter and to do so before or during the hearing;
- (c) to fix dates for the commencement and continuation of hearings;
- (d) to summon and enforce the attendance of witnesses and to compel them to give oral or written evidence on oath in the same manner as a court of record in civil cases;
- (e) to administer oaths and affirmations,
- (f) to accept the oral or written evidence as the arbitrator in his or her discretion considers proper, whether admissible in a court of law or not;
- (g) to enter any premises where work is being done or has been done by the firefighters or in which the employer carries on business or where anything is taking place or has taken place concerning any of the differences submitted to the arbitrator, and inspect and view any work, material, machinery, appliance or article therein, and interrogate any person respecting any such thing or any of such differences;
- (h) to authorize any person to do anything that the arbitrator may do under clause (g) and to report to the arbitrator thereon;
- (i) to make interim orders concerning procedural matters;
- (j) to interpret and apply human rights and other employment-related statutes, despite any conflict between those statutes and the terms of the collective agreement. 1997, c. 4, s. 53 (9).

Restriction re interim orders

(10) An arbitrator shall not make an interim order under clause (9) (i) requiring an employer to reinstate a firefighter in employment. 1997, c. 4, s. 53 (10).

Enforcement power

(10.1) An arbitrator or the chair of an arbitration board, as the case may be, may enforce the written settlement of a grievance. 2015, c. 34, Sched. 1, s. 6.

Extension of time

(11) Except where a collective agreement states that this subsection does not apply, an arbitrator may extend the time for the taking of any step in the grievance procedure under a collective agreement, despite the expiration of the time, where the arbitrator is satisfied that there are reasonable grounds for the extension and that the opposite party will not be substantially prejudiced by the extension. 1997, c. 4, s. 53 (11).

Substitution of penalty

(12) Where an arbitrator determines that a firefighter has been discharged or otherwise disciplined by an employer for cause and the collective agreement does not contain a specific penalty for the infraction that is the subject-matter of the arbitration, the arbitrator may substitute such other penalty for the discharge or discipline as to the arbitrator seems just and reasonable in all the circumstances. 1997, c. 4, s. 53 (12).

Effect of arbitrator's decision

(13) The decision of an arbitrator is binding upon the parties and the firefighters who are covered by the agreement and affected by the decision. 1997, c. 4, s. 53 (13).

Enforcement of arbitration decisions

(13.1) Where a party, employer, association, trade union, firefighter or other person has failed to comply with any of the terms of the decision of an arbitrator or arbitration board, any party, employer, association, trade union, firefighter or other person affected by the decision may file in the Superior Court of Justice a copy of the decision, exclusive of the reasons therefor, in the prescribed form, whereupon the decision shall be entered in the same way as a judgment or order of that court and is enforceable as such. 2015, c. 34, Sched. 1, s. 6.

Costs of arbitration

(14) Each party shall assume its own costs in the arbitration proceedings and pay one-half of the costs of the arbitrator. 1997, c. 4, s. 53 (14).

Non-application

(15) The *Arbitration Act, 1991* and the *Statutory Powers Procedure Act* do not apply with respect to an arbitration under this section. 1997, c. 4, s. 53 (15).

Referral of grievances to a single arbitrator

53.0.1 (1) Despite the arbitration provision in a collective agreement or deemed to be included in a collective agreement under section 53, a party to a collective agreement may request the Minister to refer to a single arbitrator, to be appointed by the Minister, any difference between the parties to the collective agreement arising from the interpretation, application, administration or alleged violation of the agreement, including any question as to whether a matter is arbitrable. 2015, c. 34, Sched. 1, s. 7.

Request for references

(2) Subject to subsection (3), a request under subsection (1) may be made by a party to the collective agreement in writing after the grievance procedure under the agreement has been exhausted or after 30 days have elapsed from the time at which the grievance was first brought to the attention of the other party, whichever first occurs, but no such request shall be made beyond the time, if any, stipulated in or permitted under the agreement for referring the grievance to arbitration. 2015, c. 34, Sched. 1, s. 7.

Same

(3) Despite subsection (2), where a difference between the parties to a collective agreement is a difference respecting discharge from or other termination of employment, a request under subsection (1) may be made by a party to the collective agreement in writing after the grievance procedure under the agreement has been exhausted or after 14 days have elapsed from the time at which the grievance was first brought to the attention of the other party, whichever first occurs, but no such request shall be made beyond the time, if any, stipulated in or permitted under the agreement for referring the grievance to arbitration. 2015, c. 34, Sched. 1, s. 7.

Minister to appoint arbitrator

(4) Where a request is received under subsection (1), the Minister shall appoint a single arbitrator who shall have exclusive jurisdiction to hear and determine the matter referred to him or her, including any question as to whether a matter is arbitrable and any question as to whether the request was timely. 2015, c. 34, Sched. 1, s. 7.

Same

(5) Where a request or more than one request concerns several differences arising under the collective agreement, the Minister may in his or her discretion appoint an arbitrator under subsection (4) to deal with all the differences raised in the request or requests. 2015, c. 34, Sched. 1, s. 7.

Settlement officer

(6) The Minister may appoint a settlement officer to confer with the parties and endeavour to effect a settlement prior to the hearing by an arbitrator appointed under subsection (4). 2015, c. 34, Sched. 1, s. 7.

Powers and duties of arbitrator

(7) An arbitrator appointed under subsection (4) shall commence to hear the matter referred to him or her within 21 days after the receipt of the request by the Minister and the provisions of subsections 53 (5) to (15) apply with all necessary modifications to the arbitrator, the parties and the decision of the arbitrator. 2015, c. 34, Sched. 1, s. 7.

Oral decisions

(8) Upon the agreement of the parties, the arbitrator shall deliver an oral decision forthwith or as soon as practicable without giving his or her reasons in writing therefor. 2015, c. 34, Sched. 1, s. 7.

Payment of arbitrator

(9) Where the Minister has appointed an arbitrator under subsection (4), each of the parties shall pay one-half of the remuneration and expenses of the person appointed. 2015, c. 34, Sched. 1, s. 7.

Mandatory retirement

Application

53.1 (1) This section applies to a firefighter only if the firefighter is regularly assigned to fire suppression duties. 2011, c. 13, s. 2.

Mandatory retirement provision permitted

(2) A collective agreement may contain a provision requiring firefighters to retire at a specified age of 60 or over and, if it does, a firefighter subject to the agreement shall, subject to subsection (4), retire at the specified age. 2011, c. 13, s. 2.

Existing and new collective agreements

(3) Subsection (2) applies to collective agreements that are in operation on the day section 2 of the *Fire Protection and Prevention Amendment Act, 2011* comes into force and to collective agreements that come into force after that day. 2011, c. 13, s. 2.

Deemed mandatory retirement provision

(3.1) If a collective agreement does not contain a provision requiring firefighters to retire at a specified age or if it contains a provision requiring firefighters to retire at an age under 60, the agreement is deemed to contain a provision requiring firefighters to retire at the age of 60 and a firefighter subject to the agreement shall, subject to subsection (4), retire at that age. 2011, c. 13, s. 3.

Reasonable accommodation

(4) A firefighter shall not be required to retire if the firefighter can be accommodated without undue hardship, considering the cost, outside sources of funding, if any, and health and safety requirements, if any. 2011, c. 13, s. 2.

Human Rights Code

(5) This section applies despite the *Human Rights Code*. 2011, c. 13, s. 2.

Managers, etc.

54. (1) An employer may assign a person employed by it to a position which, in the opinion of the employer, involves the exercise of managerial functions or employment in a confidential capacity in matters relating to labour relations, but, subject to subsection (4), the assignment is not conclusive of the question of whether the person does exercise such functions or is employed in such capacity.

Board to decide status

(2) Subject to subsection (4), the Board, on application of an employer, has exclusive jurisdiction to determine any question as to whether a person exercises managerial functions or is employed in a confidential capacity in matters relating to labour relations, and its decision is final and conclusive for all purposes.

Same

(3) Subject to subsection (4), a person shall remain in the bargaining unit until the Board makes a determination under subsection (2), unless the parties otherwise agree.

Designation

(4) Subject to subsections (5) and (8), an employer may, in its sole discretion, designate a person described in subsection (1) as a person who shall for purposes of this Act be conclusively deemed to be exercising managerial functions or acting in a confidential capacity in matters relating to labour relations.

Consent required

(5) An employer shall not designate a person under subsection (4) unless the person consents to the designation.

If no consent

(6) If a person does not consent to a designation under subsection (4), the employer shall assign the person to a position in the bargaining unit. If the position to which a person is assigned has a lower salary than the position held by the person before the assignment, he or she is entitled to be paid the same salary and to receive the same benefits after the assignment as he or she was paid and received before the assignment.

Revocation

(7) A designation under subsection (4) may be revoked by the employer at any time.

Restriction

- (8) An employer shall not designate under subsection (4) more than,
- (a) two persons, if the employer employs fewer than 25 persons;
 - (b) three persons, if the employer employs 25 or more but fewer than 150 persons;
 - (c) four persons, if the employer employs 150 or more but fewer than 300 persons; or
 - (d) five persons, if the employer employs 300 or more persons. 1997, c. 4, s. 54 (1-8).

Amalgamations

(8.1) If, after the day on which subsection 3 (2) of the *Public Sector Dispute Resolution Act, 1997* comes into force, two or more municipalities that are employers of firefighters amalgamate, the amalgamated municipality is entitled under subsection (4) to designate the number of persons that is equal to the sum of the numbers of persons that each of the amalgamating municipalities would have been able to designate immediately before the amalgamation.

Dissolutions and incorporations

(8.2) If, after the day on which subsection 3 (2) of the *Public Sector Dispute Resolution Act, 1997* comes into force, two or more municipalities that are employers of firefighters are dissolved and the inhabitants of the municipalities are incorporated in a new municipality, subsection (8.1) shall apply as if the dissolved municipalities were amalgamating municipalities and the new municipality was an amalgamated municipality. 1997, c. 21, Sched. A, s. 3 (2).

Calculating number of persons employed

- (9) For the purposes of subsection (8), the number of persons employed by the employer is the sum of,
- (a) the number of persons employed by the employer who are firefighters; and
 - (b) the number of persons who are performing or conclusively deemed to be performing managerial functions with respect to firefighters or acting in a confidential capacity in matters relating to labour relations with respect to firefighters. 1997, c. 4, s. 54 (9).

Enforcement of decisions

55. (1) If a person or bargaining agent fails to comply with a decision of an arbitrator under section 53, the person or bargaining agent affected by the decision may file a copy of the decision (excluding the reasons for the decision) with the Superior Court of Justice. 1997, c. 4, s. 55 (1); 2002, c. 18, Sched. N, s. 14.

Same

(2) The decision shall not be filed with the court until 30 days have elapsed after the date the decision was released or after the date specified in the decision for complying with it. 1997, c. 4, s. 55 (2).

Effect of filing

(3) When it is filed with the court, the decision shall be entered in the same way as a judgment or order of the court and is enforceable as such. 1997, c. 4, s. 55 (3).

Working conditions not to be altered

56. (1) If notice has been given under section 47 by a bargaining agent for a unit of firefighters or an employer and no collective agreement is in operation,

- (a) the employer shall not, except with the consent of the bargaining agent, alter the rates of wages or any other term or condition of employment or any right, privilege or duty of the employer or the firefighters until the right of the bargaining agent to represent the firefighters has been terminated; and
- (b) the bargaining agent shall not, except with the consent of the employer, alter any term or condition of employment or any right, privilege or duty of the employer, the bargaining agent or the firefighters until the right of the bargaining agent to represent the firefighters has been terminated.

Arbitration if no agreement

(2) If notice has been given under subsection 47 (2) and no collective agreement is in operation, any difference between the parties as to whether or not subsection (1) was complied with may be referred to arbitration by either of the parties as if the collective agreement was still in operation and the arbitration shall proceed in accordance with section 53. 1997, c. 4, s. 56.

Inquiry, alleged contravention

56.1 (1) The Board may authorize a labour relations officer to inquire into any complaint alleging a contravention of this Part. 2015, c. 34, Sched. 1, s. 8.

Duties

(2) The labour relations officer shall forthwith inquire into the complaint and endeavour to effect a settlement of the matter complained of. 2015, c. 34, Sched. 1, s. 8.

Report

(3) The labour relations officer shall report the results of his or her inquiry and endeavours to the Board. 2015, c. 34, Sched. 1, s. 8.

Remedy for discrimination

(4) Where a labour relations officer is unable to effect a settlement of the matter complained of or where the Board in its discretion considers it advisable to dispense with an inquiry by a labour relations officer, the Board may inquire into the complaint of a contravention of this Part and where the Board is satisfied that an employer, employers' organization, association, person or firefighter has acted contrary to this Part it shall determine what, if anything, the employer, employers' organization, association, person or firefighter shall do or refrain from doing with respect thereto and such determination, without limiting the generality of the foregoing may include, despite the provisions of any collective agreement, any one or more of,

- (a) an order directing the employer, employers' organization, association, firefighter or other person to cease doing the act or acts complained of;
- (b) an order directing the employer, employers' organization, association, firefighter or other person to rectify the act or acts complained of; or
- (c) an order to reinstate in employment or hire the person or firefighter concerned, with or without compensation, or to compensate instead of hiring or reinstatement for loss of earnings or other employment benefits in an amount that may be assessed by the Board against the employer,

employers' organization, association, firefighter or other person jointly or severally. 2015, c. 34, Sched. 1, s. 8.

Burden of proof

(5) On an inquiry by the Board into a complaint under subsection (4) that a person has been refused employment, discharged, discriminated against, threatened, coerced, intimidated or otherwise dealt with contrary to this Part as to the person's employment, opportunity for employment or conditions of employment, the burden of proof that any employer or employers' organization did not act contrary to this Part lies upon the employer or employers' organization. 2015, c. 34, Sched. 1, s. 8.

Filing in court

(6) An association, employer, employers' organization, firefighter or other person affected by the determination may file the determination, excluding the reasons, in the prescribed form in the Superior Court of Justice and it shall be entered in the same way as an order of that court and is enforceable as such. 2015, c. 34, Sched. 1, s. 8.

Effect of settlement

(7) Where a proceeding under this Part has been settled, whether through the endeavours of the labour relations officer or otherwise, and the terms of the settlement have been put in writing and signed by the parties or their representatives, the settlement is binding upon the parties, the association, employer, employers' organization, firefighter or other person who have agreed to the settlement and shall be complied with according to its terms, and a complaint that the association, employer, employers' organization, firefighter or other person who agreed to the settlement has not complied with the terms of the settlement shall be deemed to be a complaint under subsection (1). 2015, c. 34, Sched. 1, s. 8.

“person” defined for purposes of ss. 46.8 and 56.1

56.2 For the purposes of section 46.8 and any complaint made under section 56.1,

“person” includes any person otherwise excluded by subsection 41 (2). 2015, c. 34, Sched. 1, s. 8.

Board power re interim orders

56.3 (1) On application in a pending proceeding, the Board may,

- (a) make interim orders concerning procedural matters on such terms as it considers appropriate;
- (b) subject to subsections (2) and (3), make interim orders requiring an employer to reinstate a firefighter in employment on such terms as it considers appropriate; and
- (c) subject to subsections (2) and (3), make interim orders respecting the terms and conditions of employment of a firefighter whose employment has not been terminated but whose terms and conditions of employment have been altered or who has been subject to reprisal, penalty or discipline by the employer. 2015, c. 34, Sched. 1, s. 8.

Same

(2) The Board may exercise its power under clause (1) (b) or (c) only if the board determines that all of the following conditions are met:

1. The circumstances giving rise to the pending proceeding occurred at a time when a campaign to establish bargaining rights was underway.
2. There is a serious issue to be decided in the pending proceeding.
3. The interim relief is necessary to prevent irreparable harm or is necessary to achieve other significant labour relations objectives.

4. The balance of harm favours the granting of the interim relief pending a decision on the merits in the pending proceeding. 2015, c. 34, Sched. 1, s. 8.

Same

(3) The Board shall not exercise its powers under clause (1) (b) or (c) if it appears to the Board that the alteration of terms and conditions, dismissal, reprisal, penalty or discipline by the employer was unrelated to the exercise of rights under this Part by a firefighter. 2015, c. 34, Sched. 1, s. 8.

Same

(4) Despite subsection 56.1 (5), in an application under this section, the burden of proof lies on the applicant. 2015, c. 34, Sched. 1, s. 8.

Same

(5) With respect to the Board, the power to make interim orders under this section applies instead of the power under subsection 16.1 (1) of the Statutory Powers Procedure Act. 2015, c. 34, Sched. 1, s. 8.

Transition rules

56.4 If, on the day the Employment and Labour Statute Law Amendment Act, 2015 received First Reading, a matter was before the Board or an arbitrator and the Board or arbitrator had not given a decision on the matter, the Board or arbitrator shall decide the matter in accordance with this Act as amended by the Employment and Labour Statute Law Amendment Act, 2015, regardless of when the matter in dispute occurred. 2015, c. 34, Sched. 1, s. 8.

REGULATIONS

Regulations

57. The Minister may make regulations,
- (a) REPEALED: 2016, c. 37, Sched. 9, s. 7.
 - (b) governing the selection of arbitrators under section 53;
 - (c) prescribing forms for the purposes of subsections 53 (13.1) and 56.1 (6). 1997, c. 21, Sched. A, s. 3 (3); 2011, c. 13, s. 4; 2015, c. 34, Sched. 1, s. 9; 2016, c. 37, Sched. 9, s. 7.

**PART X
FIRE SAFETY COMMISSION**

Fire Safety Commission

58. (1) The Fire Code Commission is continued under the name the Fire Safety Commission in English and Commission de la sécurité-incendie in French and is composed of such number of members as is determined by the Lieutenant Governor in Council. 1997, c. 4, s. 58 (1).

Appointment of members

(2) The Lieutenant Governor in Council shall appoint the members to the Commission, and may designate one of the members as chair and one or more of the members as vice-chair. 2006, c. 35, Sched. C, s. 44 (1).

Ineligibility

- (2.1) A person is not eligible to be a member of the Commission if the person is,
- (a) a deputy minister of a ministry;
 - (b) a public servant employed under Part III of the *Public Service of Ontario Act, 2006*; or
 - (c) an employee of a municipality. 2006, c. 35, Sched. C, s. 44 (1).

Remuneration

(3) The members of the Commission shall receive such remuneration and expenses as the Lieutenant Governor in Council may determine. 1997, c. 4, s. 58 (3).

Quorum

- (4) Three members of the Commission constitute a quorum. 1997, c. 4, s. 58 (4).

PART XI FIRE MARSHAL'S PUBLIC FIRE SAFETY COUNCIL

Definition: "Council"

59. In this Part,

"Council" means the Fire Marshal's Public Fire Safety Council. 1997, c. 4, s. 59.

Council established

60. (1) A corporation without share capital is hereby constituted to be known in English as the Fire Marshal's Public Fire Safety Council and in French as Conseil public du commissaire des incendies sur la sécurité-incendie. 1997, c. 4, s. 60 (1).

Membership

(2) The Council shall consist of its board of directors and such other persons who are appointed as members of the Council by the Fire Marshal. 1997, c. 4, s. 60 (2).

Non-application of corporate Acts

(3) The *Corporations Act* and *Corporations Information Act* do not apply to the Council. 1997, c. 4, s. 60 (3).

Note: On a day to be named by proclamation of the Lieutenant Governor, subsection (3) is amended by striking out "The *Corporations Act*" at the beginning and substituting "The *Not-for-Profit Corporations Act, 2010*". See: 2010, c. 15, ss. 227, 249.

Conflict of interest

(4) Section 132 of the *Business Corporations Act* applies to the Council and to its directors and officers. 1997, c. 4, s. 60 (4).

Objects

61. The objects of the Council are,

- (a) to promote fire safety throughout the province;
- (b) to produce and distribute materials for public education with respect to fire safety;
- (c) to provide or endorse training, education and fire prevention activities;

- (d) to facilitate and co-ordinate the public exchange of information and ideas on matters of fire safety;
- (e) to solicit, receive, manage and distribute money and other property to support the objects described in clauses (a), (b), (c) and (d);
- (f) to enter into partnerships and agreements with persons or organizations in the private sector or with public bodies or organizations to further the objects described in clauses (a), (b), (c), (d) and (e); and
- (g) to advise the Fire Marshal on matters of fire safety. 1997, c. 4, s. 61.

Board

62. (1) The affairs of the Council shall be managed by its board of directors.

Composition

(2) The board shall be composed of the Fire Marshal, or if he or she is absent or unable to act, the Deputy Fire Marshal, and at least six directors appointed from among the members by the Minister on the recommendation of the Fire Marshal.

Term of office

(3) A director is appointed for a term not exceeding three years, and may be reappointed for successive terms not exceeding three years each.

Chair

(4) The Fire Marshal, or if he or she is absent or unable to act, the Deputy Fire Marshal, is chair of the board.

Vice-chairs

(5) The Fire Marshal shall designate one or more other directors to be vice-chairs.

Same

(6) If the Fire Marshal or Deputy Fire Marshal is absent from a meeting of the board or is unable to act, a vice-chair shall act as and have all the powers of the chair.

Quorum

(7) A majority of the directors constitutes a quorum.

Vacancies

(8) If a director's position becomes vacant, the Minister may appoint another person to the board for the remainder of his or her term.

Remuneration

(9) The appointed directors shall receive such remuneration and reimbursement for reasonable expenses as may be determined by the Council. 1997, c. 4, s. 62.

Powers of Council

63. (1) The Council has the capacity and the rights, powers and privileges of a natural person, subject to the limitations set out in this Act, for the purpose of carrying out its objects.

Same

- (2) Without limiting the generality of subsection (1), the board of directors of the Council may,
- (a) enter into agreements with any organization with objects similar to or consistent with those of the Council;
 - (b) authorize any person or organization to use the Council's logo to indicate the Council's endorsement of a product, service, training course, education course or activity;
 - (c) otherwise endorse any product, service, training course, education course or activity;
 - (d) solicit, receive, manage, invest, transfer, use and distribute money and other property to support the objects of the Council

Logo

- (3) The board of directors shall by by-law adopt a logo for the Council. 1997, c. 4, s. 63.

Borrowing powers

64. (1) The board of directors of the Council may borrow money on the credit of the Council for the purposes of the Council and may use any money or property of the Council as security for such borrowing.

Limitation on borrowing powers

(2) The amount that may be borrowed under subsection (1), together with the total of any previous borrowing that remains unpaid, shall not exceed \$50,000 at any one time without the approval of the Minister, but no lender shall be required to inquire into the board's compliance with this section and all loans to the Council shall be deemed to have been lawfully made under the authority of this section despite any non-compliance of the board. 1997, c. 4, s. 64.

By-laws

- 65.** The board of directors of the Council may pass by-laws,
- (a) regulating its proceedings;
 - (b) establishing the fiscal year for the Council;
 - (c) specifying the powers, duties and remuneration of its officers and employees;
 - (d) establishing an executive committee and other committees and delegating powers of the board to such committees;
 - (e) providing for membership in the Council, establishing classes of membership and prescribing the qualifications, conditions and rights of membership, the fees, if any, to be paid for membership and providing for and regulating members' meetings;
 - (f) generally for the management of the Council. 1997, c. 4, s. 65.

Council's property to be dedicated to objects

66. (1) All the property of the Council and all its income, revenue and profits shall be devoted and applied solely to carrying out the objects of the Council.

Investment

(2) Any funds of the Council that are not immediately required for promoting and carrying out its objects, and the proceeds of any property of the Council, subject to any trust affecting them, not immediately required for such purpose, may be invested and reinvested as the board of directors considers proper.

Money vests in Council

(3) All amounts in the Consolidated Revenue Fund credited, immediately before this section comes into force, to an advisory committee that was established under the *Fire Marshals Act*, being chapter F.17 of the Revised Statutes of Ontario, 1990, are hereby vested in the Council. 1997, c. 4, s. 66.

Employees

67. (1) The board of directors of the Council may employ or contract for the services of such persons, including any persons who are appointed directors, as it considers necessary for the functioning of the Council. 1997, c. 4, s. 67 (1).

Not an employee of the Crown

(2) A person who is employed or whose services are contracted under subsection (1) is not and shall not be deemed to be an employee of the Crown. 2006, c. 35, Sched. C, s. 44 (2).

Ministry support

68. The Office of the Fire Marshal may, on request, provide administrative, technical or expert advice or assistance to the Council. 1997, c. 4, s. 68.

Protection from personal liability

69. (1) No action or other proceeding for damages may be instituted against a director or a member of the Council or any employee of the Council for any act done in good faith in the execution or intended execution of the person's power or duty or for any alleged neglect or default in the execution in good faith of the person's power or duty. 1997, c. 4, s. 69 (1).

Same

(2) Despite subsection 8 (3) of the *Crown Liability and Proceedings Act, 2019*, subsection (1) does not relieve the Crown of liability in respect of a tort committed by a person mentioned in subsection (1) to which it would otherwise be subject. 2019, c. 7, Sched. 17, s. 77 (1)

Indemnification for legal costs

(3) With the approval of the Minister, a person described in subsection (1) or a former director, member or employee of the Council shall be indemnified by the Crown in right of Ontario for his or her reasonable legal costs in respect of any proceeding in which the person's execution in good faith of his or her duties is in issue, if the person acted in good faith. 1997, c. 4, s. 69.

Auditors

70. The board of directors of the Council shall appoint one or more auditors licensed under the *Public Accounting Act, 2004* to audit the accounts and transactions of the Council for each fiscal year. 1997, c. 4, s. 70; 2004, c. 8, s. 46.

Annual and other reports

71. The board of directors of the Council shall submit an annual report to the Minister on the affairs and transactions of the Council in the preceding fiscal year and shall submit such other reports as the Minister may request. 1997, c. 4, s. 71.

Winding-up

72. Upon the winding-up or dissolution of the Council, all its assets, after discharging all outstanding liabilities, shall vest in the Crown. 1997, c. 4, s. 72.

Review

73. The Minister shall, five years after this Part comes into force, undertake a review of the activities of the Council and submit to the Lieutenant Governor in Council a report that recommends the continuation, amendment or repeal of this Part. 1997, c. 4, s. 73.

PART XII MISCELLANEOUS

Protection from personal liability

74. (1) No action or other proceeding for damages shall be instituted against a firefighter, a fire co-ordinator, a community fire safety officer, a member or employee of the Fire Safety Commission, an assistant to the Fire Marshal, the Deputy Fire Marshal, the Fire Marshal, or a person acting under his or her authority, for any act done in good faith in the execution or intended execution of his or her power or duty or for any alleged neglect or default in the execution in good faith of his or her power or duty. 1997, c. 4, s. 74 (1).

Crown, municipality not relieved of liability

(2) Despite subsection 8 (3) of the *Crown Liability and Proceedings Act, 2019*, subsection (1) does not relieve the Crown or a municipal corporation of liability in respect of a tort committed by a person referred to in subsection (1) to which they would otherwise be subject. 2019, c. 7, Sched. 17, s. 77 (2)

Indemnification

75. (1) A firefighter, a fire co-ordinator, a community fire safety officer, a member or employee of the Fire Safety Commission, an assistant to the Fire Marshal, the Deputy Fire Marshal, the Fire Marshal or a person acting under his or her authority shall be indemnified for reasonable legal costs incurred,

- (a) in the defence of a civil action, if the person is not found to be liable;
- (b) in the defence of a criminal prosecution, if the person is found not guilty;
- (c) in respect of any other proceeding in which the person's execution of his or her duties is an issue, if the person acted in good faith.

Same

- (2) Indemnification under subsection (1) shall be made by,
- (a) in the case of a firefighter, community fire safety officer or assistant to the Fire Marshal who is employed by a municipality, the municipal corporation;
 - (b) in the case of a firefighter, community fire safety officer or assistant to the Fire Marshal who is working under an agreement with the Crown or in the case of a fire co-ordinator, a member or employee of the Fire Safety Commission, the Deputy Fire Marshal, the Fire Marshal or a person acting under his or her authority, the Crown.

Effect of collective agreement

(3) A collective agreement made under Part IX or a decision under section 53 may provide for indemnification of the legal costs of firefighters, except the legal costs of a firefighter who is found guilty of a criminal offence, and if such an agreement exists, the municipal corporation shall indemnify the firefighters in accordance with the agreement and subsections (1) and (2) shall not apply. 1997, c. 4, s. 75.

No action for damages from accidental fire

76. No action shall be brought against any person in whose house or building or on whose land any fire accidentally begins, nor shall any recompense be made by that person for any damage suffered thereby; but no agreement between a landlord and tenant is defeated or made void by this Act. 1997, c. 4, s. 76.

Manner of service

77. (1) Where a copy of an order or notice is required to be given to, or served on, a person under this Act, the copy may be served personally, by regular letter mail, by electronic transmission, by telephone transmission of a facsimile or by some other method that allows proof of receipt.

Deemed receipt

(2) Service by regular letter mail under subsection (1) shall be deemed to be received by the person on the fifth day after mailing unless the person establishes that the person did not, acting in good faith, through absence, accident, illness or other cause beyond the person's control receive a copy until a later date than the deemed date of receipt.

Same

(3) Service by electronic transmission or by telephone transmission of a facsimile under subsection (1) shall be deemed to be received the day after it is sent or, if that day is a Saturday or holiday, on the next day that is not a Saturday or holiday, unless the person establishes that the person did not, acting in good faith, through absence, accident, illness or other cause beyond the person's control receive a copy until a later date than the deemed date of receipt. 1997, c. 4, s. 77.

Regulations

78. (1) The Minister may make regulations,

- (a) respecting the operation and administration of fire departments and community fire safety teams established or appointed by an agreement made under section 3 and respecting the functions of community fire safety officers appointed by such an agreement;
- (b) prescribing persons or organizations for the purposes of subsections 3 (1) and 4 (2);
- (c) prescribing powers and duties that a fire chief may delegate in addition to those mentioned in subsection 6 (6);
- (d) prescribing limitations, restrictions, or conditions that apply to a delegation of powers or duties of a fire chief under subsection 6 (6), including restricting the type of power or duty that may be delegated or the class of person to whom the power or duty may be delegated;
- (e) respecting the records and returns to be used, kept and made by fire chiefs in respect of their inspections of any class of premises or premises used for any specified purpose;
- (f) requiring any person to furnish such statistical and other information to the Fire Marshal as he or she considers necessary;
- (g) requiring the following persons or entities to report to the Fire Marshal the particulars of any insurance loss or claim,
 - (i) a fire insurance company authorized to transact business in Ontario,
 - (ii) a person adjusting a claim against a fire insurance company, whether the insurance company is licensed to transact business in Ontario or not and whether the adjuster represents the company or the claimant, or
 - (iii) a person sustaining or claiming to have sustained a loss by fire on property in Ontario insured wholly or partially by an insurance company that is not licensed or registered under the Insurance Act;

FIRE PROTECTION AND PREVENTION ACT, 1997

- (h) defining “regularly employed” for the purposes of the definition of “firefighter” in subsection 41 (1) and “activity allowance” for the purposes of the definition of “volunteer firefighter” in subsection 1 (1);
- (i) respecting standards for fire protection devices, equipment and systems;
- (j) providing for licensing and regulating the manufacture, sale, installation, servicing, maintenance, testing and repairing of fire protection devices, equipment and systems;
- (k) respecting practices and standards for fire protection services and certification and training of firefighters, including full-time, volunteer and part-time firefighters;
- (l) prescribing fees and allowances for services and training provided by or on behalf of the Province or municipalities and respecting the person or body to whom the fees or allowances shall be paid;
- (m) governing the inspection of hotels;
- (n) respecting any matter necessary or advisable to carry out effectively the intent and purpose of this Act.

Same

- (2) A regulation made under this section may be general or specific in its application. 1997, c. 4, s. 78.

Municipal by-laws superseded

79. A regulation, including the fire code, supersedes all municipal by-laws respecting standards for land and premises, as those standards relate to fire safety or the risk created by the presence of unsafe levels of carbon monoxide. 2013, c. 14, s. 5.

80.-93. OMITTED (AMENDS OR REPEALS OTHER ACTS). 1997, c. 4, ss. 80-93.

94. OMITTED (PROVIDES FOR COMING INTO FORCE OF PROVISIONS OF THIS ACT). 1997, c. 4, s. 94.

95. OMITTED (ENACTS SHORT TITLE OF THIS ACT). 1997, c. 4, s. 95.

**REGULATIONS MADE
UNDER THE
FIRE PROTECTION
AND
PREVENTION ACT, 1997**

S.O. 1997, CHAPTER 4

Current to January 1, 2020

This document is prepared for convenience only. For accurate reference and current information on regulations under the *Fire Protection and Prevention Act, 1997*, refer to the Government of Ontario's e-Laws web site at www.e-laws.gov.on.ca.

ONTARIO REGULATION 407/97

APPOINTMENT OF ARBITRATORS AND CONCILIATION OFFICERS

This is the English version of a bilingual regulation.

1. A conciliation officer described in section 49 of the Act shall be appointed by the Minister.
2. (1) For the purpose of subsection 53 (3) of the Act, the parties shall jointly appoint a single arbitrator.
(2) If there is a failure to jointly appoint a single arbitrator, the Minister, upon request of either party, may appoint the arbitrator, and any person so appointed by the Minister shall be deemed to have been appointed in accordance with the collective agreement.

ONTARIO REGULATION 213/07

FIRE CODE

NOTE: THE CONTENTS OF THIS REGULATION CAN BE FOUND IN THE NEXT TAB.

ONTARIO REGULATION 425/11

FORMS

This is the English version of a bilingual regulation.

Forms

1. (1) In this section, when a form is referred to by number, the reference is to the form with that number that is described in Schedule 1.
(2) A determination of the Ontario Labour Relations Board for filing in the Superior Court of Justice under subsection 46.2 (6) of the Act shall be in Form 1.
(3) An interim or final order of the Ontario Labour Relations Board for filing in the Superior Court of Justice under subsection 46.4 (8) of the Act shall be in Form 2.
2. OMITTED (PROVIDES FOR COMING INTO FORCE OF PROVISIONS OF THIS REGULATION).

SCHEDULE 1

1. Form 1, entitled “Filing in Court (Determination of Board)”, dated December 1, 2011 and available from the Board.
2. Form 2, entitled “Filing in Court (Order of Board)”, dated December 1, 2011 and available from the Board.

ONTARIO REGULATION 364/13

MANDATORY INSPECTION – FIRE DRILL IN VULNERABLE OCCUPANCY

This is the English version of a bilingual regulation.

Definitions

1. In this Regulation,
 - “building” has the same meaning as in the fire code;
 - “care and treatment occupancy” has the same meaning as in the fire code;
 - “care occupancy” has the same meaning as in the fire code;
 - “Chief Fire Official” has the same meaning as in the fire code;
 - “inspector” means an inspector for the purposes of Part VI of the Act;
 - “retirement home” has the same meaning as in the fire code.

Mandatory inspection, fire drill in vulnerable occupancy

2. (1) If the Chief Fire Official is notified under Article 2.8.3.3. of Division B of the fire code that a fire drill will be carried out under Sentence 2.8.3.2.(6) of Division B of the fire code in a care occupancy, care and treatment occupancy or retirement home, the person described in subsection (2) shall ensure that,
 - (a) an inspector observes the fire drill; and
 - (b) an inspector conducts a fire safety inspection,
 - (i) in the care occupancy, care and treatment occupancy or retirement home in which the fire drill is carried out, and
 - (ii) if the fire safety systems, devices or structural elements of any other part of the building containing the care occupancy, care and treatment occupancy or retirement home affect the life safety of the care occupancy, care and treatment occupancy or retirement home, in that part of the building, too.
- (2) The person who must ensure that an inspector observes the fire drill and conducts a fire safety inspection under subsection (1) is,
 - (a) if the building is in a municipality, or a part of a municipality, for which a fire department has been established, the fire chief appointed for the fire department;
 - (b) if the building is in territory without municipal organization for which a fire department has been established, the fire chief appointed for the fire department;

- (c) subject to clause (e), if the building is in a municipality, or a part of a municipality, for which no fire department has been established,
 - (i) the community fire safety officer appointed for the municipality or the part, or
 - (ii) if no community fire safety officer has been appointed, the head of the community fire safety team appointed for the municipality or the part;
- (d) subject to clause (e), if the building is in territory without municipal organization for which no fire department has been established, the Fire Marshal;
- (e) if the building is in an area for which no fire department has been established but that is the subject of an agreement under subsection 2 (5) of the Act providing for the area to receive fire protection services from a fire department situated outside the area, the person who is responsible under the agreement for fire protection services in the area.

(3) The person described in subsection (2) shall ensure that the fire safety inspection required under subsection (1) is conducted in accordance with the directives, if any, issued by the Fire Marshal.

Required information after inspection

3. (1) If the person ensuring that an inspector observes the fire drill and conducts a fire safety inspection under subsection 2 (1) is not the Fire Marshal, the person shall file the following information with the Fire Marshal in the form and manner and within the time period directed by the Fire Marshal:

- 1. The operating name of the care occupancy, care and treatment occupancy or retirement home in which the fire drill was carried out.
- 2. The street address of the care occupancy, care and treatment occupancy or retirement home.
- 3. The classification of the care occupancy, care and treatment occupancy or retirement home as a care occupancy, care and treatment occupancy or retirement home.
- 4. The date the fire drill was observed.
- 5. The date the fire safety inspection was conducted.

(2) If the person ensuring that an inspector observes the fire drill and conducts a fire safety inspection under subsection 2 (1) is the Fire Marshal, he or she shall keep a record of the information described in subsection (1).

4. OMITTED (PROVIDES FOR COMING INTO FORCE OF PROVISIONS OF THIS REGULATION).

ONTARIO REGULATION 365/13

MANDATORY ASSESSMENT OF COMPLAINTS AND REQUESTS FOR APPROVAL

This is the English version of a bilingual regulation.

Definitions

- 1. In this Regulation,
 - “approved” has the same meaning as in the fire code;
 - “building” has the same meaning as in the fire code;
 - “care and treatment occupancy” has the same meaning as in the fire code;
 - “care occupancy” has the same meaning as in the fire code;

“Chief Fire Official” has the same meaning as in the fire code;

“inspector” means an inspector for the purposes of Part VI of the Act;

“owner” has the same meaning as in the fire code;

“retirement home” has the same meaning as in the fire code.

Mandatory assessment after complaint

2. (1) If a person described in subsection (2) receives a complaint about the fire safety of a building, he or she shall assess the complaint and determine whether it would be advisable to conduct a fire safety inspection in the building or a part of the building as a result of the complaint.

(2) The person who is required by subsection (1) to assess the complaint and determine whether it would be advisable to conduct a fire safety inspection in the building or a part of the building as a result of the complaint is,

- (a) if the building is in a municipality, or a part of a municipality, for which a fire department has been established, the fire chief appointed for the fire department;
- (b) if the building is in territory without municipal organization for which a fire department has been established, the fire chief appointed for the fire department;
- (c) subject to clause (e), if the building is in a municipality, or a part of a municipality, for which no fire department has been established,
 - (i) the community fire safety officer appointed for the municipality or the part, or
 - (ii) if no community fire safety officer has been appointed, the head of the community fire safety team appointed for the municipality or the part;
- (d) subject to clause (e), if the building is in territory without municipal organization for which no fire department has been established, the Fire Marshal;
- (e) if the building is in an area for which no fire department has been established but that is the subject of an agreement under subsection 2 (5) of the Act providing for the area to receive fire protection services from a fire department situated outside the area, the person who is responsible under the agreement for fire protection services in the area.

(3) In assessing a complaint under subsection (1), the person described in subsection (2) shall comply with the directives, if any, issued by the Fire Marshal.

(4) If, after assessing the complaint, the person described in subsection (2) determines that it would be advisable to conduct a fire safety inspection in the building or a part of the building, the person shall ensure that an inspector conducts the fire safety inspection.

(5) The person described in subsection (2) shall ensure that the fire safety inspection conducted under this section is conducted in accordance with the directives, if any, issued by the Fire Marshal.

Mandatory assessment after request for approval

3. (1) If a Chief Fire Official receives a request made by or on behalf of an owner of a building for approval of anything that the fire code requires to be approved or permits to be approved, the Chief Fire Official shall assess the request and determine whether it would be advisable to conduct a fire safety inspection in the building or a part of the building in order to decide whether to grant or refuse the approval.

(2) In assessing a request under subsection (1), the Chief Fire Official shall comply with the directives, if any, issued by the Fire Marshal.

(3) If, after assessing the request, the Chief Fire Official determines that it would be advisable to conduct a fire safety inspection in the building or a part of the building in order to decide whether to grant or refuse the approval, he or she shall ensure that an inspector conducts the fire safety inspection.

(4) The Chief Fire Official shall ensure that the fire safety inspection conducted under this section is conducted in accordance with the directives, if any, issued by the Fire Marshal.

Required information, vulnerable occupancies

4. (1) This section applies if a fire safety inspection is conducted under section 2 or 3 in a care occupancy, care and treatment occupancy or retirement home.

(2) If the person ensuring that the fire safety inspection is conducted in the care occupancy, care and treatment occupancy or retirement home is not the Fire Marshal, the person shall file the following information with the Fire Marshal in the form and manner and within the time period directed by the Fire Marshal:

1. The operating name of the care occupancy, care and treatment occupancy or retirement home.
2. The street address of the care occupancy, care and treatment occupancy or retirement home.
3. The classification of the care occupancy, care and treatment occupancy or retirement home as a care occupancy, care and treatment occupancy or retirement home.
4. The date the fire safety inspection was conducted.

(3) If the person ensuring that the fire safety inspection is conducted in the care occupancy, care and treatment occupancy or retirement home is the Fire Marshal, he or she shall keep a record of the information described in subsection (1).

5. OMITTED (PROVIDES FOR COMING INTO FORCE OF PROVISIONS OF THIS REGULATION).

ONTARIO REGULATION 378/18
COMMUNITY RISK ASSESSMENTS

This is the English version of a bilingual regulation.

Mandatory use

1. Every municipality, and every fire department in a territory without municipal organization, must,
 - (a) complete and review a community risk assessment as provided by this Regulation; and
 - (b) use its community risk assessment to inform decisions about the provision of fire protection services.

What it is

2. (1) A community risk assessment is a process of identifying, analyzing, evaluating and prioritizing risks to public safety to inform decisions about the provision of fire protection services.
- (2) A community risk assessment must include consideration of the mandatory profiles listed in Schedule 1.
- (3) A community risk assessment must be in the form, if any, that the Fire Marshal provides or approves.

When to complete (at least every five years)

3. (1) The municipality or fire department must complete a community risk assessment no later than five years after the day its previous community risk assessment was completed.
- (2) If a municipality, or a fire department in a territory without municipal organization, comes into existence, the municipality or fire department must complete a community risk assessment no later than two years after the day it comes into existence.
- (3) A municipality that exists on July 1, 2019, or a fire department in a territory without municipal organization that exists on July 1, 2019, must complete a community risk assessment no later than July 1, 2024.

(4) Subsection (3) and this subsection are revoked on July 1, 2025.

When to review (at least every year)

- 4. (1) The municipality or fire department must complete a review of its community risk assessment no later than 12 months after,
 - (a) the day its community risk assessment was completed; and
 - (b) the day its previous review was completed.
- (2) The municipality or fire department must also review its community risk assessment whenever necessary.
- (3) The municipality or fire department must revise its community risk assessment if it is necessary to reflect,
 - (a) any significant changes in the mandatory profiles;
 - (b) any other significant matters arising from the review.
- (4) The municipality or fire department does not have to review its community risk assessment if it expects to complete a new community risk assessment on or before the day it would complete the review.
- 5. Omitted (provides for coming into force of provisions of this Regulation).

**SCHEDULE 1
MANDATORY PROFILES**

- 1. Geographic profile: The physical features of the community, including the nature and placement of features such as highways, waterways, railways, canyons, bridges, landforms and wildland-urban interfaces.
- 2. Building stock profile: The types of buildings in the community, the uses of the buildings in the community, the number of buildings of each type, the number of buildings of each use and any building-related risks known to the fire department.
- 3. Critical infrastructure profile: The capabilities and limitations of critical infrastructure, including electricity distribution, water distribution, telecommunications, hospitals and airports.
- 4. Demographic profile: The composition of the community’s population, respecting matters relevant to the community, such as population size and dispersion, age, gender, cultural background, level of education, socioeconomic make-up, and transient population.
- 5. Hazard profile: The hazards in the community, including natural hazards, hazards caused by humans, and technological hazards.
- 6. Public safety response profile: The types of incidents responded to by other entities in the community, and those entities’ response capabilities.
- 7. Community services profile: The types of services provided by other entities in the community, and those entities’ service capabilities.
- 8. Economic profile: The economic sectors affecting the community that are critical to its financial sustainability.
- 9. Past loss and event history profile: The community’s past emergency response experience, including the following analysis:
 - 1. The number and types of emergency responses, injuries, deaths and dollar losses.
 - 2. Comparison of the community’s fire loss statistics with provincial fire loss statistics.

Note: Each profile is to be interpreted as extending only to matters relevant to fire protection services.

FIRE CODE

ONTARIO REGULATION 213/07

made under the

FIRE PROTECTION AND PREVENTION ACT, 1997

Filed: May 25, 2007

In Force: November 21, 2007

Including amendments current to January 1, 2020

O. REG. 33/19 (IDENTIFIED BY '*' IN MARGIN)

This document is prepared for convenience only. For accurate reference and current information on amendments to Ontario Regulation 213/07 refer to the Government of Ontario's e-Laws web site at: www.e-laws.gov.on.ca.

Guide to the Fire Code

The Fire Code is divided into three Divisions (A, B and C), each of which utilizes a decimal numbering system to identify particular requirements as illustrated below:

Division B	
2	Part
2.7	Section
2.7.1.	Subsection
2.7.1.4.	Article
2.7.1.4.(3)	Sentence
2.7.1.4.(3)(b)	Clause
2.7.1.4.(3)(b)(ii)	Subclause

CHRONOLOGICAL HISTORY OF THE FIRE CODE

The first edition of the Ontario Fire Code was enacted in November 1981. The following table lists the various editions of the Fire Code (Establishing Regulations column) as well as interim amending regulations with relevant dates and brief descriptions.

Establishing Regulation	Amending Regulations	Date Filed	Effective Date	Nature of Regulation or Amendment
O. Reg. 730/81		November 2, 1981	November 21, 1981	First Edition of Fire Code
	O. Reg. 251/83	April 29, 1983	May 14, 1983	Introduce Retrofit Sections 9.1, 9.2, 9.3
	O. Reg. 425/84	June 29, 1984	July 14, 1984	Change in compliance date for Section 9.2
O. Reg. 67/87		February 11, 1987	February 28, 1987	New Fire Code including new Retrofit Section 9.4
	O. Reg. 281/90	June 4, 1990	June 23, 1990	New Subsection 3.5.3. Outdoor Tire Storage Yards
Regulation 454, R.R.O. 1990			November 16, 1992	New Fire Code with no significant changes (legislative consolidation)
	O. Reg. 627/92	October 9, 1992 November 16, 1992 (amended date)	October 24, 1992	New Retrofit Sections 9.5, 9.6
	O. Reg. 385/94	June 23, 1994	July 14, 1994; August 13, 1994 for Articles 9.8.4.2., 9.8.4.3.	New Retrofit Section 9.8
	O. Reg. 389/97	October 30, 1997	November 21, 1997	Revoking Regulation 454 and O. Reg. 627/92 and 385/94
O. Reg. 388/97		October 30, 1997	November 21, 1997	New Fire Code and introduction of Part 4, Flammable and Combustible Liquids
	O. Reg. 398/98	July 6, 1998	July 25, 1998	Section 2.13 and Subsection 6.3.3. (Smoke Alarms) come into effect

(continued from previous page)

Establishing Regulation	Amending Regulations	Date Filed	Effective Date	Nature of Regulation or Amendment
O. Reg. 388/97	O. Reg. 428/98	July 28, 1998	July 31, 1998	Hotels (Article 1.1.6.2.) added to Fire Code
	O. Reg. 302/99	May 4, 1999	May 4, 1999	Change references to Electricity Act, 1998
	O. Reg. 475/00	August 21, 2000	September 9, 2000	Part 4 amendments
	O. Reg. 315/01	August 10, 2001	September 4, 2001	Provide discretion in Section 5.6 – Compressed Gas Cylinders
	O. Reg. 451/05	July 29, 2005	July 29, 2005	Amendments for developmental services facilities
	O. Reg. 650/05	December 12, 2005	March 1, 2006	Smoke alarm on every storey of home
	O. Reg. 144/06	May 3, 2006	January 1, 2007	Amendments for hotels including new Retrofit Section 9.9
O. Reg. 213/07		May 25, 2007	November 21, 2007	New Fire Code in objective-based format and including technical changes
	O. Reg. 150/13	May 9, 2013	January 1, 2014	Amendments for vulnerable occupancies including new Retrofit Section 9.7
	O. Reg. 194/14	October 14, 2014	October 15, 2014	New requirements for carbon monoxide alarms and testing of smoke alarms
	O. Reg. 256/14	December 10, 2014	January 1, 2015	Technical and editorial amendments
	O. Reg. 275/14	December 16, 2014	January 1, 2015	Amendments for school day care facilities
	O. Reg. 108/18	March 19, 2018	July 1, 2018	New requirements for testing of standpipe fire department connections
	O.Reg 33/19 *	March 14, 2019	July 1, 2019	New requirements for cannabis and other hazardous extraction operations

SECTION 1.1 ORGANIZATION OF THIS CODE

Subsection 1.1.1. General

Scope of Division A

1.1.1.1. Division A contains the compliance and application provisions, **objectives** and **functional statements** of this Code.

Scope of Division B

1.1.1.2. Division B contains the **acceptable solutions** of this Code.

Scope of Division C

1.1.1.3. Division C contains the administrative provisions of this Code.

Internal cross-references

1.1.1.4. If a provision of this Code contains a reference to another provision of this Code but no Division is specified, both provisions are in the same Division of this Code.

SECTION 1.2 COMPLIANCE

Subsection 1.2.1. Compliance with this Code

Owner's responsibility

1.2.1.1. Unless otherwise specified, the **owner** is responsible for carrying out the provisions of this Code.

Compliance with Parts 2 and 3

1.2.1.2. Compliance with Parts 2 and 3 is required only as it relates to the use of **alternative solutions** as set out in Subsection 1.2.2.

Subsection 1.2.2. Compliance with Division B

1.2.2.1. (1) Compliance with Division B shall be achieved

(a) by complying with the **acceptable solutions** in Division B, or

(b) by using **alternative solutions** that

(i) will achieve the level of performance required by the applicable **acceptable solutions** in respect of the **objectives** and **functional statements** attributed to the applicable **acceptable solutions** in OFMEM Fire Code Supplement FCS-1, "Objectives and Functional Statements Attributed to Acceptable Solutions",

(ii) do not contravene any other provision in Division B, and

(iii) have been **approved** and implemented in conformance with Subsection 1.3.2. of Division C.

(2) For the purpose of Clause (1)(b), the level of performance in respect of a **functional statement** refers to the performance required by the **functional statement** as it relates to the **objective** with which it is associated in OFMEM Fire Code Supplement FCS-1, "Objectives and Functional Statements Attributed to Acceptable Solutions".

(3) The use of **alternative solutions** as described in Clause (1)(b) is not applicable in respect of any **acceptable solutions** to which **objectives** and **functional statements** have not been attributed in OFMEM Fire Code Supplement FCS-1, "Objectives and Functional Statements Attributed to Acceptable Solutions".

Subsection 1.2.3. Compliance with Other Applicable Law

Compliance with other applicable law

1.2.3.1. Compliance with this Code does not relieve the **owner** from compliance with other applicable Acts and regulations, and, where a requirement of an applicable Act or regulation conflicts with a requirement of

this Code, the more stringent requirement prevails, unless the more stringent requirement is in this Code and this Code says that the requirement of the other Act or regulation prevails.

SECTION 1.3 EXEMPTIONS

Subsection 1.3.1. Exemption for Farms

- * 1.3.1.1. (1) Subject to Sentence (2), a **farm building** with an **occupant load** of not more than one person per 40 m² of **floor area** during normal use and other premises on a farm used for farming purposes are exempt from the requirements of this Code.
- * (2) Where a **floor area** or portion of a **floor area** within a **farm building** contains a **hazardous extraction** operation involving cannabis, the **floor area** or portion of the **floor area** shall comply with Articles 2.7.1.1. and 2.7.2.2., Section 2.8, Part 4, Article 5.1.4.2. and Subsection 5.14.11. of Division B.

SECTION 1.4 TERMS AND ABBREVIATIONS

Subsection 1.4.1. Definitions of Words and Phrases

Non-defined terms

1.4.1.1. (1) Definitions of words and phrases used in this Code that are not included in the list of definitions in Article 1.4.1.2. have the meanings that are commonly assigned to them in the context in which they are used, taking into account the specialized use of terms with the various trades and professions to which the terminology applies.

(2) Despite Sentence (1), words and phrases may be assigned other meanings where specifically noted in another provision of this Code.

Defined terms

1.4.1.2. The words and terms used in this Code that are in bold face, and either in upper and lower case or in lower case, have the following meanings:

Acceptable solution means a requirement set out in Division B.

Access to exit means that part of a **means of egress** within a **floor area** that provides access to an **exit** serving the **floor area**.

Air-supported structure means a structure that consists of a pliable membrane that achieves and maintains its shape and support by internal air pressure.

Alarm signal means an audible signal transmitted throughout a zone or zones or throughout a **building** to advise occupants that a fire emergency exists.

Alert signal means an audible signal to advise designated persons of a fire emergency.

Alternative solution means a substitute for an **acceptable solution**.

Appliance means a device to convert fuel into energy, and includes all components, controls, wiring and piping required to be part of the device by the applicable standard referred to in this Code.

Approved means approved by the **Chief Fire Official**.

Architect means a member or licensee of the Ontario Association of Architects under the **Architects Act**.

Assembly occupancy means the **occupancy** or the use of a **building**, or part thereof, by a gathering of persons for civic, political, travel, religious, social, educational, recreational or like purposes or for the consumption of food or drink.

Atmospheric storage tank means a **storage tank** that is designed to operate at pressures from atmospheric to 3.5 kPa (gauge).

Attic space means the space between the roof and the ceiling of the top **storey** or between a dwarf wall and a sloping roof.

Basement means a **storey** or **storeys** of a **building** located below the **first storey**.

Boiler means an **appliance** intended to supply hot water or steam for **space heating**, processing or power purposes.

Building means any structure used or intended for supporting or sheltering any use or **occupancy**.

Building area means the greatest horizontal area of a **building** above **grade** within the outside surface of exterior walls or within the outside surface of exterior walls and the centre line of **firewalls**.

Building Code means any version of the **Ontario Building Code** that was in force at any time since it was made under **The Building Code Act, 1974**, the **Building Code Act** of the Revised Statutes of Ontario, 1980, the **Building Code Act** of the Revised Statutes of Ontario, 1990, the **Building Code Act, 1992** or a successor to the **Building Code Act, 1992**, and, where a specific version of the **Building Code** is referred to, that version of the **Building Code**.

Building height (in **storeys**) means the number of **storeys** contained between the roof and the floor of the **first storey**.

Business and personal services occupancy means the **occupancy** or use of a **building** or part thereof for the transaction of business or the rendering or receiving of professional or personal services.

Care and treatment occupancy means an **occupancy** in which persons receive special care and treatment.

Care occupancy means an **occupancy** in which special care is provided by a facility, directly through its staff or indirectly through another provider, to residents of the facility

- (a) who require special care because of cognitive or physical limitations, and
- (b) who, as a result of those limitations, would be incapable of evacuating the **occupancy**, if necessary, without the assistance of another person.

Check means visual observation to ensure the device or system is in place and is not obviously damaged or obstructed.

Chief Fire Official means the assistant to the Fire Marshal who is the Municipal Fire Chief or a member or members of the **fire department** appointed by the Municipal Fire Chief under Article 1.1.1.2. of Division C or a person appointed by the Fire Marshal under Article 1.1.1.1. of Division C.

Chimney means a primarily vertical shaft enclosing at least 1 **flue** for conducting **flue** gases to the outdoors.

Class A fire means a fire involving combustible materials such as wood, cloth and paper.

Class B fire means a fire involving a **flammable** or **combustible liquid**, fat or grease.

Class C fire means a fire involving energized electrical equipment.

Class D fire means a fire involving a combustible metal.

Class K fire means a fire involving combustible cooking media such as vegetable oils, animal oils and animal fats.

Closed container means a container so sealed by means of a lid or other device that neither liquid nor vapour will escape from it at ordinary temperatures.

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Closure means a device or assembly for closing an opening through a **fire separation** such as a door, a shutter, wired glass or glass block and includes all components, such as hardware, closing devices, frames and anchors.

Combustible construction means that type of construction that does not meet the requirements for **noncombustible construction**.

Combustible dust means dust and particles ignitable and liable to explode when mixed with air.

Combustible fibres means finely divided combustible vegetable or animal fibres and thin sheets or flakes of such materials that in a loose, unbaled condition present a flash fire hazard, and includes cotton, wool, hemp, sisal, jute, kapok, paper and cloth.

Combustible liquid means any liquid having a **flash point** at or above 37.8°C and below 93.3°C.

Compressed gas means any contained mixture or material with either an absolute pressure exceeding 275.8 kPa at 21°C or an absolute pressure exceeding 717 kPa at 54°C, or both, or any liquid having an absolute **vapour pressure** exceeding 275.8 kPa at 37.8°C.

Contained use area means a supervised area containing one or more rooms in which occupant movement is restricted to a single room by security measures not under the control of the occupant.

Dangerous goods means those products or substances which are regulated by the **Transportation of Dangerous Goods Act (Canada)** and its Regulations.

Demolition means the doing of anything in the removal of a **building** or any material part thereof.

Detention occupancy means an **occupancy** in which persons are under restraint or are incapable of self preservation because of security measures not under their control.

Distilled beverage alcohol means a beverage that is produced by fermentation and contains more than 20 per cent by volume of water-miscible alcohol.

Distillery means a **process plant** where **distilled beverage alcohols** are produced, concentrated or otherwise processed, and includes facilities on the same site where the concentrated products may be blended, mixed, stored or packaged.

Dwelling unit means a **suite** operated as a housekeeping unit, used or intended to be used by one or more persons and usually containing cooking, eating, living, sleeping and sanitary facilities, and includes a **residential unit**.

Exit means that part of a **means of egress**, including doorways, that leads from the **floor area** it serves to a separate **building**, an open public thoroughfare or an exterior open space protected from fire exposure from the **building** and having access to an open public thoroughfare.

Facility, for the purposes of Division A, means a property upon which a use regulated by this Code, including open air public assembly activities, open air industrial processing and outdoor storage, occurs, whether or not a **building** is located on the property.

Farm building means a **building** or part thereof associated with and located on land devoted to the practice of farming, and used primarily for the housing of equipment or livestock or the production, storage or processing of agricultural and horticultural produce or feeds, but is not used for **residential occupancy**.

Fire compartment means an enclosed space in a **building** that is separated from all other parts of the **building** by enclosing construction that provides a **fire separation** having a required **fire-resistance rating**.

Fire damper means a **closure** that consists of a damper installed in an air distribution system or in a wall or floor assembly that is normally held in the open position and that is designed to close automatically in the event of a fire in order to maintain the integrity of the **fire separation**.

Fire department means a group of firefighters authorized to provide fire protection services by a municipality, group of municipalities or by an agreement made under section 3 of the **Fire Protection and Prevention Act, 1997**.

Fire detector means a device which detects a fire condition and automatically initiates an electrical signal to actuate an **alert signal** or **alarm signal** and includes **heat detectors** and **smoke detectors**.

Fire-protection rating means the time in hours or fraction thereof that a **closure**, window assembly or glass block assembly will withstand the passage of flame when exposed to fire under specified conditions of test and performance criteria, or as otherwise prescribed in the **Building Code**.

Fire-resistance rating means the time in hours or fraction thereof that a material or assembly of materials will withstand the passage of flame and the transmission of heat when exposed to fire under specified conditions of test and performance criteria, or as determined by extension or interpretation of information derived therefrom as prescribed in the **Building Code**.

Fire separation means a construction assembly that acts as a barrier against the spread of fire and may or may not have a **fire-resistance rating** or a **fire-protection rating**.

Fire stop means a draft-tight barrier within or between construction assemblies that acts to retard the passage of smoke and flame.

Fire-stop flap means a device intended for use in horizontal assemblies that are required to have a **fire-resistance rating** and incorporate protective ceiling membranes and that operates to close off a duct opening through the membrane in the event of a fire.

Firewall means a **fire separation** of **noncombustible construction** that subdivides a **building** or separates adjoining **buildings** to resist the spread of fire that has a **fire-resistance rating** as prescribed in the **Building Code** and that has structural stability to remain intact under fire conditions for the required fire-rated time.

First storey means the **storey** with its floor closest to **grade** and having its ceiling more than 1.8 m above **grade**.

Flame-spread rating means an index or classification indicating the extent of spread of flame on the surface of a material or an assembly of materials as determined in the **Building Code**.

Flammable liquid means a liquid having a **flash point** below 37.8°C and having a **vapour pressure** not more than 275.8 kPa (absolute) at 37.8°C as determined by ASTM D 323, "Vapor Pressure of Petroleum Products (Reid Method)".

Flash point means the minimum temperature at which a liquid within a container gives off vapour in sufficient concentration to form an ignitable mixture with air near the surface of the liquid.

Floor area means the space on any **storey** of a **building** between exterior walls and required **firewalls** and includes the space occupied by interior walls and **partitions**, but does not include **exits** and **vertical service spaces** that pierce the **storey**.

Flue means an enclosed passageway for conveying exhaust gases.

Flue pipe means the pipe connecting the **flue** collar of an **appliance** to a **chimney**.

Fuel dispensing station means any premises or part of premises at which **flammable liquids** or **combustible liquids** are dispensed from fixed equipment into the fuel tank of a motor vehicle, watercraft or floatplane.

Functional statement means a function set out in Part 3.

Furnace means a **space-heating appliance** that uses warm air as the heating medium and that usually has provision for the attachment of ducts.

Grade means the average level of finished ground adjoining a **building** at all exterior walls.

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Guest suite means a single room or a series of rooms of complementary use providing sleeping accommodation for the travelling public or for recreational purposes in a **hotel establishment**.

* **Hazardous extraction** means a process to remove or separate a substance from a solution or mixture that involves the use of **flammable liquids**, **combustible liquids** or flammable gases as solvents in the process.

Heat detector means a **fire detector** designed to operate at a predetermined temperature or rate of temperature rise.

Heavy timber construction means that type of **combustible construction** in which a degree of fire safety is attained by placing limitations on the sizes of wood structural members and on thickness and composition of wood floors and roofs, by avoidance of concealed spaces under floors and roofs and by use of **approved** fastenings, construction details and adhesives for structural members.

High hazard industrial occupancy means an **industrial occupancy** that contains sufficient quantities of highly combustible and flammable or explosive materials that, because of their inherent characteristics, constitute a special fire hazard.

Hotel means **floor areas**, a **floor area** or part of a **floor area** containing four or more **suites** that provide sleeping accommodation for the travelling public or for recreational purposes.

Hotel establishment means a **building** containing a **hotel** and all subsidiary **occupancies** that are operated in connection with the **hotel** and includes all connected or adjacent **buildings** that are operated in connection with the **hotel**.

Impeded egress zone means a supervised area in which occupants have free movement but require the release, by security personnel, of security doors at the boundary before they are able to leave the area, but does not include a **contained use area**.

Individual storage area means the area occupied by piles, bin boxes, **racks** or shelves, including subsidiary aisles providing access to the stored products, which is separated from the adjacent storage by aisles.

Industrial occupancy means the **occupancy** or use of a **building** or part thereof for assembling, fabricating, manufacturing, processing, repairing or storing of goods and materials.

Inspection means physical examination to determine that the device or system will apparently perform in accordance with its intended function.

Listed means equipment or materials included in a list published by a certification organization accredited by the Standards Council of Canada.

Low hazard industrial occupancy means an **industrial occupancy** in which the combustible content is not more than 50 kg/m² or 1200 MJ/m² of **floor area**.

Low pressure storage tank means a **storage tank** designed to operate at pressures greater than 3.5 kPa (gauge) to 100 kPa (gauge).

Lower explosive limit means the minimum concentration of vapour in air at which the propagation of flame occurs on contact with a source of ignition.

Major occupancy means the principal **occupancy** for which a **building** or part thereof is used or intended to be used, and includes the subsidiary **occupancies** that are an integral part of the principal **occupancy**.

Marine fuel dispensing station means a **fuel dispensing station** at which **flammable liquids** or **combustible liquids** are dispensed into the fuel tank of a watercraft or floatplane.

Means of egress means a continuous path of travel provided for the escape of persons from any point in a **building** or contained open space to a separate **building**, an open public thoroughfare or an exterior open space protected from fire exposure from the **building** and having access to an open public thoroughfare. **Means of egress** includes both **exits** and **access to exits**.

Medium hazard industrial occupancy means an **industrial occupancy** in which the combustible content is more than 50 kg/m² or 1200 MJ/m² of **floor area** and not classified as **high hazard industrial occupancy**.

Mercantile occupancy means the **occupancy** or use of a **building** or part thereof for the displaying or selling of retail goods, wares or merchandise.

Minimum explosible concentration (MEC) means the minimum concentration of **combustible dust** suspended in air, measured in mass per unit volume, that will support a deflagration as defined by the test procedure in ASTM E 1515, "Standard Test Method for Minimum Explosible Concentration of Combustible Dusts".

Noncombustible construction means that type of construction in which a degree of fire safety is attained by the use of noncombustible materials for structural members and other **building** assemblies.

Objective means an objective set out in Part 2.

Occupancy means the use or intended use of a **building** or part thereof for the shelter or support of persons, animals or property.

Occupant load means the number of persons for which a **building** or part thereof is designed.

Order means an order made under subsection 21(1) of the **Fire Protection and Prevention Act, 1997**.

Owner means any person, firm or corporation having control over any portion of the **building** or property under consideration and includes the persons in the **building** or property.

Partition means an interior wall, one **storey** or part of a **storey** in height, that is not load-bearing.

Plenum means a chamber forming part of an air duct system.

Pressure vessel means a **storage tank** that is designed to operate at pressures greater than 100 kPa (gauge).

Process plant means an **industrial occupancy** where materials, including **flammable liquids**, **combustible liquids** or Class 2 gases, are produced or used in a process.

Professional Engineer means a member or licensee of the Association of Professional Engineers of the Province of Ontario under the **Professional Engineers Act**.

Public amusement area means an area where the public is ordinarily invited or permitted access, either expressly or by implication, whether or not a fee is charged for entry, and includes entertainment displays or structures used on a temporary, seasonal or permanent basis.

Public corridor means a corridor that provides **access to exit** from more than one **suite**.

Rack means any combination of vertical, horizontal or diagonal members that support stored materials on solid or open shelves, including both fixed and portable units.

Rapid transit station means a **building** or part thereof used for the purpose of loading and unloading passengers of a rapid transit system but does not include open-air shelters at street level.

Refinery means any **process plant** in which **flammable** or **combustible liquids** are produced from crude petroleum, including areas on the same site where the resulting products are blended, packaged or stored on a commercial scale.

Refuse storage room means a room in a **building** that is used for the storage of combustible refuse, including waste materials and recyclables.

Residential occupancy means an **occupancy** in which sleeping accommodation is provided to residents who are not harboured for the purpose of receiving special care or treatment and are not involuntarily detained.

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Residential unit means a **suite** operated as a housekeeping unit, used or intended to be used by one or more persons that contains cooking, eating, living, sleeping and sanitary facilities.

* **Retirement home** means a retirement home regulated under the **Retirement Homes Act, 2010**.

Retrofit means the minimum performance requirements for life safety for existing **buildings**.

Self-service outlet means a **fuel dispensing station**, other than a marine **fuel dispensing station**, where the public handles the dispenser.

Service room means a room in a **building** used to contain equipment associated with **building** services.

Service space means space in a **building** used to facilitate or conceal the installation of **building** service facilities such as chutes, ducts, pipes, shafts or wires.

Smoke alarm means a combined **smoke detector** and audible alarm device that is designed to sound an alarm within the room or **suite** in which it is located when there is smoke within the room or **suite**.

Smoke detector means a **fire detector** designed to operate when the concentration of airborne combustion products exceeds a predetermined level.

Space heater means a **space-heating appliance** that heats the room or space within which it is located without the use of ducts.

Space-heating appliance means an **appliance** that supplies heat to a room or space directly or indirectly or to rooms or spaces of a **building** through a heating system.

Spraying area means the area that is within 6 m of a **spray booth** or spraying operation and that is not separated therefrom by a vapour-tight separation.

Spray booth means a power-ventilated structure that encloses or accommodates a spraying operation so that spray vapour and residue can be controlled and exhausted.

Spray room means a **spraying area** on a **floor area** or part thereof in which an open spraying operation is confined and that is separated from the remainder of the **building** in which it is located by a noncombustible vapour-tight separation.

Sprinklered (as applying to a **building** or part thereof) means that the **building** or part thereof is equipped with a system of automatic sprinklers.

Storage garage means a building or part of a building that is intended for the storage or parking of motor vehicles and that contains no provision for the repair or servicing of motor vehicles.

Storage tank means a vessel for **flammable** or **combustible liquids** having a capacity of more than 230 L and designed to be installed in a fixed location.

Storey means that portion of a **building** that is situated between the top of any floor and the top of the floor next above it, and where there is no floor above it, that portion between the top of the floor and the ceiling above it.

Street means any highway, road, boulevard, square or other improved thoroughfare 9 m or more in width that has been dedicated or deeded for public use and is accessible to **fire department** vehicles and equipment.

Suite means a single room or series of rooms of complementary use, operated under a single tenancy, and includes **dwelling units**, individual guest rooms in motels, **hotels**, boarding houses, rooming houses and dormitories, as well as individual stores and individual or complementary rooms for **business and personal services occupancies**.

Supervisory staff means those occupants of a **building** who have some delegated responsibility for the fire safety of other occupants under the fire safety plan and may include the **fire department** where the **fire department** agrees to accept these responsibilities.

Tank vehicles means any vehicle, other than railroad tank cars and boats, with a cargo tank having a capacity of more than 450 L mounted or built as an integral part of the vehicle, used for the transportation of **flammable** or **combustible liquids**, and includes tank trucks, trailers and semi-trailers.

Tent means a shelter or structure with a covering that is made of pliable material.

Test means the operation of a device or system to ensure that it will perform in accordance with its intended operation or function.

Total area means the total area of all floors above and below **grade**, including mezzanines and penthouses, measured between the inside surfaces of exterior walls or between the inside surfaces of exterior walls and the inside surfaces of **firewalls**.

Travel distance means the distance from any point in a **floor area** to an exit measured along the path of **exit** travel, except that when **floor areas** are subdivided into rooms used singly or into **suites** of rooms and served by **public corridors** or exterior passageways, the distance is measured from the door of the rooms or **suites** to the nearest **exit**.

Unstable liquid means a liquid, including a **flammable** and **combustible liquid**, which is chemically reactive to the extent that it will vigorously react or decompose at or near normal temperature and pressure conditions or which is chemically unstable when subject to impact.

Vapour pressure means the pressure exerted by a liquid as determined by ASTM D 323, “Vapor Pressure of Petroleum Products (Reid Method)”.

Vertical service space means a shaft oriented essentially vertically that is provided in a **building** to facilitate the installation of **building** services, including elevators, refuse chutes, linen chutes and mechanical, electrical and plumbing installations.

Viscosity means the resistance that a liquid offers to flow.

Subsection 1.4.2. Symbols and Other Abbreviations

1.4.2.1. The symbols and abbreviations in this Code have the following meanings:

cm	centimetre(s)
cm/s	centimetre(s) per second
cm ²	square centimetre(s)
°C	degree(s) Celsius
h	hour(s)
kg	kilogram(s)
kN	kilonewton(s)
kPa	kilopascal(s)
L	litre(s)
L/h	litre(s) per hour
L/min	litre(s) per minute
L/min/m ²	litre(s) per minute per square metre
lx	Lux
m	metre(s)
m ²	square metre(s)
m ³	cubic metre(s)
m/s	metre(s) per second
m/min	metre(s) per minute

m ³ /h	cubic metre(s) per hour
m ³ /min	cubic metre(s) per minute
min	minute(s)
MJ	megajoule(s)
mL	millilitre(s)
mm	millimetre(s)
mm ² /s	square millimetre(s) per second
N	newton(s)
ppm	part(s) per million
s	second(s)
t	tonne(s)
%	per cent

SECTION 1.5 REFERENCED DOCUMENTS

Subsection 1.5.1. Referenced Documents

Application of referenced documents

- * 1.5.1.1. The provisions of documents referenced in this Code apply only to the extent that they are related to fire safety matters or to the risk created by the presence of unsafe levels of carbon monoxide.

Conflicting requirements

1.5.1.2. In the case of a conflict between the provisions of this Code and those of a referenced document, the provisions of this Code prevail.

Secondary references

1.5.1.3. If a document in this Code refers to another document, only those portions of the second document that are specific to the subject matter are applicable.

SECTION 2.1 Application

Subsection 2.1.1. Application

2.1.1.1. (1) The **objectives** set out in Table 2.2.1.1. apply only to the extent that they relate to an **alternative solution** as provided in Article 1.2.2.1.

* (2) The **objectives** described in this Part apply only as they relate to fire safety or to the risk created by the presence of unsafe levels of carbon monoxide.

SECTION 2.2 OBJECTIVES

Subsection 2.2.1. Objectives

2.2.1.1. The **objectives** of this Code are those listed in Table 2.2.1.1.

TABLE 2.2.1.1.

Objectives
Forming Part of Article 2.2.1.1.

Column 1 Category	Column 2 Objective number	Column 3 Objective
SAFETY	OS	An objective of this Code is to limit the probability that, as a result of specific circumstances related to the building or facility , a person in or adjacent to the building or facility will be exposed to an unacceptable risk of injury.
Fire Safety	OS1	An objective of this Code is to limit the probability that, as a result of (a) activities related to the construction, use or demolition of the building or facility , (b) the condition of specific elements of the building or facility , (c) the design and construction of specific elements of the facility related to certain hazards, or (d) inadequate built-in protection measures for the current or intended use of the building , a person in or adjacent to the building or facility will be exposed to an unacceptable risk of injury due to fire. The risks of injury due to fire addressed in this Code are those caused by:
	OS1.1	fire or explosion occurring
	OS1.2	fire or explosion impacting areas beyond its point of origin
	OS1.3	collapse of physical elements due to a fire or explosion
	OS1.4	fire safety systems failing to function as expected
	OS1.5	persons being delayed in or impeded from moving to a safe place during a fire emergency
Safety in Use	OS3	An objective of this Code is to limit the probability that, as a result of (a) activities related to the construction, use or demolition of the building or facility , (b) of specific elements of the building or facility , (c) the design and construction of specific elements of the facility related to certain hazards, or (d) inadequate built-in protection measures for the current or intended use of the building , a person in or adjacent to the building or facility will be exposed to an unacceptable risk of injury due to hazards.

TABLE 2.2.1.1.
(continued)

Column 1 Category	Column 2 Objective number	Column 3 Objective
		The risks of injury due to hazards addressed in this Code are those caused by:
	OS3.1	tripping, slipping, falling, contact, drowning or collision
	OS3.2	contact with hot surfaces or substances
	OS3.3	contact with energized equipment
	OS3.4	exposure to hazardous substances
	OS3.7	persons being delayed in or impeded from moving to a safe place during an emergency
HEALTH	OH	An objective of this Code is to limit the probability that, as a result of specific circumstances related to the building or facility , a person will be exposed to an unacceptable risk of illness.
Indoor Conditions	OH1	An objective of this Code is to limit the probability that, as a result of an installation required by this Code, a person in the building or facility will be exposed to an unacceptable risk of illness due to indoor conditions. The risks of illness due to indoor conditions addressed in this Code are those caused by:
	OH1.1	inadequate indoor air quality
Hazardous Substances Containment	OH5	An objective of this Code is to limit the probability that, as a result of (a) activities related to the construction, use or demolition of the building or facility , (b) the condition of specific elements of the building or facility , (c) the design and construction of specific elements of the facility related to certain hazards, or (d) inadequate built-in protection measures for the current or intended use of the building , the public will be exposed to an unacceptable risk of illness due to the release of hazardous substances from the building or facility .
FIRE PROTECTION OF BUILDINGS AND FACILITIES	OP	An objective of this Code is to limit the probability that, as a result of specific circumstances related to the building or facility , the building or facility will be exposed to an unacceptable risk of damage due to fire.
Fire Protection of the Building or Facility	OP1	An objective of this Code is to limit the probability that, as a result of (a) activities related to the construction, use or demolition of the building or facility , (b) the condition of specific elements of the building or facility , (c) the design and construction of specific elements of the facility related to certain hazards, or (d) inadequate built-in protection measures for the current or intended use of the building , the building or facility will be exposed to an unacceptable risk of damage to due to fire. The risks of damage due to fire addressed in this Code are those caused by:
	OP1.1	fire or explosion occurring
	OP1.2	fire or explosion impacting areas beyond its point of origin
	OP1.3	collapse of physical elements due to a fire or explosion
	OP1.4	fire safety systems failing to function as expected

SECTION 3.1 APPLICATION

Subsection 3.1.1. Application

- * 3.1.1.1. The **functional statements** set out in Table 3.2.1.1. apply only to the extent that they relate to an **alternative solution** as provided in Article 1.2.2.1.

SECTION 3.2 FUNCTIONAL STATEMENTS

Subsection 3.2.1. Functional Statements

3.2.1.1. The **functional statements** of this Code are those set out in Table 3.2.1.1.

TABLE 3.2.1.1.
Functional Statements
Forming Part of Article 3.2.1.1.

Column 1 Function	Column 2 Functional Statement
F01	To minimize the risk of accidental ignition.
F02	To limit the severity and effects of a fire or explosion.
F03	To retard the effects of fire on areas beyond its point of origin.
F04	To retard failure or collapse due to the effects of fire.
F05	To retard the effects of fire on emergency egress facilities .
F06	To retard the effects of fire on facilities for notification, suppression and emergency response.
F10	To facilitate the timely movement of persons to a safe place in an emergency.
F11	To notify persons, in a timely manner, of the need to take action in an emergency.
F12	To facilitate emergency response.
F13	To notify emergency responders, in a timely manner, of the need to take action in an emergency.
F20	To support and withstand expected loads and forces.
F21	To limit or accommodate dimensional change.
F22	To limit movement under expected loads and forces.
F30	To minimize the risk of injury to persons as a result of tripping, slipping, falling, contact, drowning or collision.
F32	To minimize the risk of injury to persons as a result of contact with energized equipment.
F34	To resist or discourage unwanted access or entry.
F36	To minimize the risk that persons will be trapped in confined spaces.
F43	To minimize the risk of release of hazardous substances.
F44	To limit the spread of hazardous substances beyond their point of release.
F51	To maintain appropriate air and surface temperatures.
F80	To resist deterioration resulting from expected service conditions.
F81	To minimize the risk of malfunction, interference, damage, tampering, lack of use or misuse.
F82	To minimize the risk of inadequate performance due to improper maintenance or lack of maintenance.

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SECTION 1.1 GENERAL

Subsection 1.1.1. General

Notification

1.1.1.1. Where **tests**, repairs or alterations are made to fire protection installations, including sprinkler and standpipe systems, a procedure of notification shall be established, and the procedure shall include notifying the **fire department** and the **building** occupants where necessary for safety in the event of a fire emergency.

Check, inspect and test

1.1.1.2. (1) The **checking, inspection and testing** of fire safety devices shall be conducted in accordance with this Code.

(2) Where specific references to **checking, inspection and testing** of fire safety devices are not made in this Code, such devices shall be maintained to ensure they operate as per their design requirements.

(3) Any **appliance**, device or component of a device that does not operate or appear to operate as intended when **checked, inspected or tested** as required by this Code shall be repaired or replaced if the failure or malfunctioning of the **appliance**, device or component would adversely affect fire or life safety.

Subsection 1.1.2. Records of Tests and Inspections

***** *Making of records*

1.1.2.1. (1) If this Code requires **tests** and corrective measures or operational procedures to be carried out, records shall be made noting what was done and the date and time it was done.

(2) If this Code requires an **inspection** to be conducted in a supported group living residence or an intensive support residence regulated under the *Services and Supports to Promote the Social Inclusion of Persons with Developmental Disabilities Act, 2008*, a written record shall be made noting what was **inspected** and the date and time of the **inspection**.

(3) The written records described in Sentences (1) and (2) shall be retained at the **building** premises for examination by the **Chief Fire Official**.

***** *Retention of records*

1.1.2.2. (1) Subject to Sentence (2), the original or a copy of any record required by this Code shall be retained at the **building** to which the record relates

(a) for a period of at least two years after being prepared, and

(b) so that at least the most recent and the immediately preceding record of a given **test** or **inspection** are retained.

(2) The initial verification or **test** reports for fire protection systems installed after November 21, 2007 shall be retained throughout the life of the systems, regardless of whether the systems are installed in accordance with this Code or the **Building Code**.

SECTION 1.2 REFERENCED DOCUMENTS AND ORGANIZATIONS

Subsection 1.2.1. Referenced Documents

Applicable editions

1.2.1.1. (1) A reference in this Code to a document set out in Table 1.2.1.A. is to the edition designated in the table.

(2) If, on December 31, 2014, any **appliance**, equipment, system, installation or construction met the requirements of the edition that was designated in Table 1.2.1.A. of this Code as it read on December 31, 2014, the **appliance**, equipment, system, installation or construction is deemed to comply with the requirements of the edition referred to in Sentence (1).

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Effective date

1.2.1.2. A reference in this Code to a document set out in Table 1.2.1.A. includes all amendments up to and including January 1, 2015.

Previous editions

1.2.1.3. Despite Articles 1.2.1.1. and 1.2.1.2., the **Chief Fire Official** may permit compliance with an edition of a document previous to that referred to in this Code if the **Chief Fire Official** is satisfied that compliance with the edition referred to in this Code is impractical.

TABLE 1.2.1.A.
Forming Part of Article 1.2.1.1.

Issuing Agency	Document Number	Title of Document	Code Reference
API	5L-2007	Line Pipe	4.4.2.1.(4)
API	12B-2008	Bolted Tanks for Storage of Production Liquids	4.3.1.2.(1)
API	12D-2008	Field Welded Tanks for Storage of Production Liquids	4.3.1.2.(1)
API	12F-2008	Shop Welded Tanks for Storage of Production Liquids	4.3.1.2.(1)
API	620-2008	Design and Construction of Large, Welded, Low-Pressure Storage Tanks	4.3.1.3.(1)
API	650-2007	Welded Tanks for Oil Storage	4.3.1.2.(1)
API	1104-2005	Welding of Pipelines and Related Facilities	4.4.5.2.(1)
API	2000-2009	Venting Atmospheric and Low-Pressure Storage Tanks	4.3.4.1.(1)
API	2200-2010	Repairing Crude Oil, Liquefied Petroleum Gas and Product Pipelines	4.4.11.7.(6)
API	RP 1107-1991	Recommended Pipeline Maintenance Welding Practices	4.4.5.2.(1) 4.4.11.7.(6)
API	RP 2201-2003	Safe Hot Tapping Practices in the Petroleum and Petrochemical Industries	4.4.11.7.(6)
ASME	B16.5-2003	Pipe Flanges and Flanged Fittings NPS ½ Through NPS 24 Metric/Inch Standard	4.4.5.3.(1)
ASME	B31.3-2008	Process Piping	4.4.2.1.(5)
ASME	BPVC-2010	Boiler and Pressure Vessel Code	4.3.1.3.(1) 4.4.10.5.(2) 4.4.10.6.(1)
ASTM	A53/A53M-10	Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless	4.4.2.1.(4)
ASTM	A193/A193M-11A	Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications	4.4.5.4.
ASTM	D56-05	Flash Point by Tag Closed Cup Tester	4.1.3.1.(1)
ASTM	D93-11	Flash Point by Pensky-Martens Closed Cup Tester	4.1.3.1.(2)
ASTM	D323-08	Vapor Pressure of Petroleum Products (Reid Method)	1.4.1.2. of Division A (Vapour pressure)
ASTM	D3278-96E1	Flash Point of Liquids by Small Scale Closed-Cup Apparatus	4.1.3.1.(4)
ASTM	D3828-09	Flash Point by Small Scale Closed Cup Tester	4.1.3.1.(3)

TABLE 1.2.1.A.
(continued)

Issuing Agency	Document Number	Title of Document	Code Reference
ASTM	E1515-07	Standard Test Method for Minimum Explosible Concentration of Combustible Dusts	1.4.1.2. of Division A (Minimum explosible concentration)
CGA	P-1-2008	Safe Handling of Compressed Gases in Containers	5.6.1.1.(3)
CGSB	CAN2-4.2-M77	Textile Test Methods, Test Method 27.1	2.3.2.1.(2)
CGSB	CAN/CGSB-24.3-M92	Identification of Piping Systems	4.3.1.7. 4.4.4.1.(3) 4.4.8.6.(1)
CPPI		Using the CPPI Colour-Symbol System to Mark Equipment and Vehicles for Product Identification (1990)	4.3.1.7. 4.4.4.1.(3) 4.4.8.6.(1)
CSA	6.19-01	Residential Carbon Monoxide Alarming Devices	2.16.2.1.(5) 6.3.4.7.(4)
CSA	B51-09	Boiler, Pressure Vessel and Pressure Piping Code	4.3.1.3.(2)
CSA	B306-M1977	Portable Fuel Tanks for Marine Use	4.2.3.1.(1)
CSA	B365-10	Installation Code for Solid-Fuel-Burning Appliances and Equipment	2.6.2.1. 2.6.2.2.
CSA	B376-M1980	Portable Containers for Gasoline and Other Petroleum Fuels	4.2.3.1.(1)
CSA	B620-2009	Highway Tanks and Portable Tanks for the Transportation of Dangerous Goods	4.2.3.1.(1)
CSA	C22.2 No. 141-10	Emergency Lighting Equipment	9.9.5.5.(2)
CSA	C22.2 No.152-M1984 (R2011)	Combustible Gas Detection Instruments	5.17.3.3.(1)
CSA	C282-09	Emergency Electrical Power Supply for Buildings	6.7.1.1.(1) 6.7.1.3. 9.9.5.5.(1) and (2)
CSA	CAN/CSA-W117.2-09	Safety in Welding, Cutting and Allied Processes	5.17.1.2.
CSA	Z32-09	Electrical Safety and Essential Electrical Systems in Health Care Facilities	6.7.1.1.(2)
CSA	Z245.1-07	Steel Pipe	4.4.2.1.(4)
CSA	Z305.12-06	Safe Storage, Handling, and Use of Portable Oxygen Systems in Residential Buildings and Health Care Facilities	2.15.1.2.
MAH	Supplementary Standard SB-4, September 14, 2012	Measures for Fire Safety in High Buildings	7.3.1.3.(2)
NACE	RP0285-2011	Corrosion Control of Underground Storage Tank Systems by Cathodic Protection	4.3.9.1.(1)
NACE	SP0169-2007	Control of External Corrosion on Underground or Submerged Metallic Piping Systems	4.4.3.1.(2)
NFPA	10-2010	Portable Fire Extinguishers	6.2.7.1.
NFPA	11-2010	Standard for Low-, Medium-, and High-Expansion Foam	4.3.2.5.(2) 6.8.1.1.(3)
NFPA	12-2011	Standard on Carbon Dioxide Extinguishing Systems	6.8.1.1.(3)

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TABLE 1.2.1.A.
(continued)

Issuing Agency	Document Number	Title of Document	Code Reference
NFPA	12A-2009	Standard on Halon 1301 Fire Extinguishing Systems	6.8.1.1.(3)
NFPA	12B-1990	Standard on Halon 1211 Fire Extinguishing Systems	6.8.1.1.(3)
NFPA	13-2013	Standard for the Installation of Sprinkler Systems	3.3.1.8.(1) 3.3.1.9. 3.3.2.2.(5) 3.3.2.10.(3) 3.3.3.6.(1) 3.3.4.3.(4) 4.8.4.3.(4) 4.9.4.1.(2) 5.4.2.3. 5.4.5.1. 5.12.8.2.(1) 5.13.6.1. 6.5.1.1.(1) 9.2.5.2.(4) Table 9.2.5.A. 9.4.5.5.(2) 9.5.5.3.(2) 9.6.5.5.(2) 9.7.5.1.(1) and (4)
NFPA	13D-2010	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	6.5.1.1.(1) 9.7.5.1.(2) 9.8.5.1.
NFPA	13R-2010	Standard for the Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height	6.5.1.1.(1) 9.4.5.5.(3) 9.5.5.3.(2) 9.7.5.1.(3)
NFPA	15-2012	Standard for Water Spray Fixed Systems for Fire Protection	4.3.2.5.(2) 6.8.1.1.(4)
NFPA	16-2011	Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems	6.8.1.1.(4)
NFPA	17-2009	Standard for Dry Chemical Extinguishing Systems	6.8.1.1.(3)
NFPA	17A-2009	Standard for Wet Chemical Extinguishing Systems	6.8.1.1.(3)
NFPA	18-2011	Standard on Wetting Agents	6.8.1.1.(5)
NFPA	20-2010	Installation of Stationary Pumps for Fire Protection	9.4.5.5.(5) 9.7.5.1.(6)
NFPA	24-2013	Standard for the Installation of Private Fire Service Mains and their Appurtenances	4.8.4.3.(4)
NFPA	25-2011	Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems	6.4.1.6. 6.5.1.1.(2) 6.6.1.5.(1) to (3)
NFPA	30-2012	Flammable and Combustible Liquids Code	4.2.7.7.(1) 4.2.10.5.(1)
NFPA	32-2011	Standard for Drycleaning Plants	5.14.10.1.(1)

TABLE 1.2.1.A.
(continued)

Issuing Agency	Document Number	Title of Document	Code Reference
NFPA	33-2011	Standard for Spray Application Using Flammable or Combustible Materials	5.12.1.1.(2) 5.12.3.5. 5.12.8.2.(2) 5.14.4.1.(2) 5.14.6.1.(3)
NFPA	37-2010	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	4.3.12.2.(2)
NFPA	40-1994	Standard for the Storage and Handling of Cellulose Nitrate Motion Picture Film	5.4.4.2.
NFPA	40E-1993	Code for the Storage of Pyroxylin Plastic	5.4.3.3.(1)
NFPA	51-2007	Standard for Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting and Allied Processes	5.17.2.1.
NFPA	55-2005	Standard for the Storage, Use and Handling of Compressed Gases and Cryogenic Fluids in Portable and Stationary Containers, Cylinders and Tanks	5.6.1.1.(3) and (8)
NFPA	68-2007	Standard on Explosion Protection by Deflagration Venting	4.2.9.6.(1) and (2) 4.3.13.3. 4.8.3.1. 4.8.4.2.(1) 4.12.10.1.(1) 5.6.2.4.(1) 5.10.1.5.(2) 5.10.1.7.(2) 5.18.3.3.(2) and (3)
NFPA	69-2008	Standard on Explosion Prevention Systems	4.3.2.5.(2) 4.8.4.2.(1) 5.10.1.8.(2)
NFPA	71-1989	Standard for the Installation, Maintenance and Use of Signaling Systems for Central Station Service	6.3.1.2.(2)
NFPA	72-2013 *	National Fire Alarm and Signaling Code	6.3.1.2.(5)
NFPA	82-2009	Standard on Incinerators and Waste and Linen Handling Systems and Equipment	2.6.3.1.(2) 2.6.3.2.
NFPA	86-2011	Standard for Ovens and Furnaces	4.4.9.5.(2) 5.18.4.1.
NFPA	91-2010 *	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Noncombustible Particulate Solids	4.1.7.2.(5) 4.12.8.4.(1) 5.1.4.2.(1) 5.10.2.1.
NFPA	96-2011	Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations	2.6.1.12.(1) 2.6.1.13.
NFPA	291-1995	Recommended Practice for Fire Flow Testing and Marking of Hydrants	6.6.6.1.
NFPA	505-2011	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operation	3.4.1.1.

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TABLE 1.2.1.A.
(continued)

Issuing Agency	Document Number	Title of Document	Code Reference
NFPA	705-2009	Recommended Practice for a Field Flame Test for Textiles and Films	2.3.2.2. 2.9.2.1.
NFPA	1142-2001	Standard on Water Supplies for Suburban and Rural Fire Fighting	3.2.1.9.(4)
NFPA	2001-2008	Standard on Clean Agent Fire Extinguishing Systems	6.8.1.1.(3)
NRC	Ninth Edition 2010	National Fire Code of Canada	4.1.1.2.(2) 4.2.1.1.(2) 4.2.2.3.(1) and (2) 4.2.8.4.(1) and (2) 4.5.1.1. 4.9.4.2. 4.11.3.8. 7.3.1.2.
NRC	User's Guide - NBC 1995	Fire Protection, Occupant Safety and Accessibility (Part 3)	7.3.1.2.
NRCan	April 2003, Edition 2	Pyrotechnics Special Effects Manual	5.2.1.4.
NRCan	March 2002, Draft Edition #2	Display Fireworks Manual	5.2.1.4.
OFMEM	Fire Code Supplement FCS-1, December 2018 *	Objectives and Functional Statements Attributed to the Acceptable Solutions	1.2.2.1.(1), (2) and (3) of Division A 4.1.1.4.(4) 1.3.2.2.(1) and (2) of Division C
TC	May 2001	Standards Respecting Pipeline Crossings Under Railways	4.4.7.4.(3)
UL	ANSI/UL 558-1998	Industrial Trucks, Internal Combustion Engine-Powered	3.4.2.1.(3)
UL	ULI 1275-1994	Flammable Liquid Storage Cabinets	4.2.10.5.(1)
UL	UL 2034-2008	Single and Multiple Station Carbon Monoxide Alarms	2.16.2.1.(5) 6.3.4.7.(4)
ULC	C842-M1984	Valves for Flammable and Combustible Liquids	4.4.8.1.(1)
ULC	CAN/ULC-S109-03	Flame Tests of Flame-Resistant Fabrics and Films	2.3.2.1.(1)
ULC	ULC-S505-1974	Standard for Fusible Links for Fire Protection Service	9.5.3.7.(5)
ULC	CAN/ULC-S508-02	Standard for the Rating and Testing of Fire Extinguishers	6.2.2.1.
ULC	CAN/ULC-S524-06	Standard for the Installation of Fire Alarm Systems	6.3.1.8. 9.9.4.12.(1)
ULC	CAN/ULC-S531-02	Standard for Smoke Alarms	2.13.2.1.(3) 9.5.4.5.(3) 9.6.4.10.(3) 9.7.4.3.(4) 9.8.4.2.(3) 9.9.4.13.(2)

Subsection 2.3.2. Textile Flammability

Flame resistance of textiles

2.3.2.1. (1) Drapes, curtains, netting, and other similar or decorative materials, including textiles and films used in **buildings**, shall meet the requirements of CAN/ULC-S109, “Flame Tests of Flame-Resistant Fabrics and Films”, when these materials are used in any

- (a) **care and treatment occupancy** and **detention occupancy**,
- (b) lobby or **exit**,
- (c) **access to exit** in **assembly occupancies**, and **assembly occupancies** with an **occupant load** of more than 100 persons, or
- (d) an open **floor area** exceeding 1500 m² in a **business and personal services occupancy**, **mercantile occupancy** or **industrial occupancy**, unless the **floor area** is divided into **fire compartments** each not exceeding 1500 m² in area and each having a **fire-resistance rating** not less than 1 h.

(2) Existing drapes, curtains, netting, and other similar or decorative materials, including textiles and films used in **buildings** which meet the requirements for a high degree of flame resistance as described in NOTE 4 of Test Method 27.1 of CAN2-4.2, “Textile Test Methods” are deemed to be in compliance with Sentence (1).

(3) For the purposes of Sentence (2),

“existing” means in place on November 21, 2007.

Flameproofing treatments

2.3.2.2. Flame retardant treatments shall be renewed as often as required to ensure that the material will pass the match flame **test** in NFPA 705, “Recommended Practice for a Field Flame Test for Textiles and Films”.

SECTION 2.4 FIRE HAZARDS

Subsection 2.4.1. Combustible Materials

Accumulation of combustible materials

2.4.1.1. (1) Combustible materials shall not be accumulated in or around a **building** in such quantity or such location as to create a fire hazard.

(2) Combustible materials shall not be accumulated in any part of an elevator shaft, ventilation shaft, **means of egress**, **service room** or **service space**, unless the location, room or space is designed for those materials.

(3) Horizontal concealed spaces, such as crawl spaces and ceiling spaces, shall not be used for the storage of combustible materials.

(4) Combustible materials shall not be stored on a roof or adjacent to any **building** so as to create a fire hazard to the **building** or its occupants.

(5) Abandoned optical fibre cables and electrical wires and cables, with combustible insulation, jackets or sheaths, and nonmetallic raceways shall be removed from a **plenum** unless

- (a) they are permanently enclosed by the structure or finish of the **building**,
- (b) their removal would disturb the structure or finish of the **building**,
- (c) their removal could affect the performance of cables in use, or
- (d) the **plenum** is **sprinklered**.

(6) Outdoor storage receptacles, such as dumpsters, used for combustible materials shall be located so that they do not create a fire hazard to **buildings**.

Furniture in corridors serving guest suites

2.4.1.2. Despite Sentence 2.4.1.1.(2), corridors serving as **access to exits** for **guest suites** may contain solid wood or other **approved** furniture, provided the furniture does not create an obstruction to the egress route.

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Waste receptacles

2.4.1.3. (1) Materials subject to spontaneous ignition, such as greasy or oily rags, shall be deposited in a receptacle conforming to Sentence (3) or be removed from the premises.

(2) Ashes shall be stored in receptacles that conform to Sentence (3) and combustible materials shall not be stored with ashes in the same receptacle.

- (3) A receptacle required in Sentences (1) and (2) shall
- (a) be constructed of noncombustible materials,
 - (b) have a close-fitting, self-closing metal cover,
 - (c) if the flooring material upon which it is placed is combustible, have a flanged bottom or legs not less than 50 mm high, and
 - (d) not be placed closer than 1 m to combustible materials, except as permitted in Clause (c).

Waste containers in hotels

2.4.1.4. (1) Waste containers in public washrooms and in other public areas in a **hotel establishment** shall be

- (a) **approved**, or
- (b) constructed of noncombustible material and have self-closing covers.

Lint traps for laundry equipment

2.4.1.5. Lint traps in laundry equipment shall be cleaned to prevent the accumulation of lint that creates an undue fire hazard.

Flammable or combustible liquid spills

2.4.1.6. **Flammable liquid** or **combustible liquid** spills in a **building** shall be removed immediately with an absorbent material that will not increase the hazard and shall be disposed of in a safe manner.

Subsection 2.4.2. RESERVED

Subsection 2.4.3. Smoking

Smoking prohibited

2.4.3.1. (1) If conditions are such that smoking would create a fire or explosion hazard, smoking shall not take place except in **approved** smoking areas.

(2) In supported group living residences and intensive support residences regulated under the **Services and Supports to Promote the Social Inclusion of Persons with Developmental Disabilities Act, 2008**, suitable noncombustible ashtrays shall be provided where smoking is permitted.

Signs

2.4.3.2. The areas where smoking is not permitted shall be identified by signs having black lettering 50 mm high with a 12.5 mm stroke on a yellow background, except that symbols of 150 mm by 150 mm may be used in lieu of lettering, or covered by instructions established under a fire safety plan and available to all persons.

Subsection 2.4.4. Open Flames

Open flames prohibited

2.4.4.1. (1) In a **building** used for a public assembly, open flames shall not be used in such quantity or manner as to create a fire hazard unless the use has been **approved**.

* (2) Open flames shall not be used in dining areas in **care occupancies, care and treatment occupancies** and **retirement homes**.

- (3) Despite Sentence (1), decorative and lighting devices with open flames shall not be used unless they are
- (a) securely supported in noncombustible holders and located and protected so that combustible materials will not come into contact with or be ignited by the flame, or
 - (b) **approved**.

- * 2.4.4.2. (1) Flaming meals or drinks shall not be served in **care occupancies, care and treatment occupancies and retirement homes**.
- (2) In **assembly occupancies**, flaming meals or drinks shall be ignited only at the location of serving.
- (3) In **assembly occupancies**, the refuelling of equipment used to flame meals or drinks, or to warm food, shall be carried out
 - (a) outside the serving area, and
 - (b) away from ignition sources.
- (4) A portable extinguisher with a minimum rating of 5B:C shall be located on the serving cart or table at locations referred to in Sentences (2) and (3).

Devices having open flames

2.4.4.3. Devices having open flames shall be securely supported in noncombustible holders and located or protected so as to prevent accidental contact of the flame with combustible materials.

Open-air burning

- 2.4.4.4. (1) Open-air burning shall not take place unless
 - (a) it has been **approved**, or
 - (b) the open-air burning consists of a small, confined fire that is
 - (i) used to cook food on a grill, barbecue or spit,
 - (ii) commensurate with the type and quantity of food being cooked, and
 - (iii) supervised at all times.
- (2) Sentence (1) does not apply to the use of an **appliance** that
 - (a) meets the requirements of the **Technical Standards and Safety Act, 2000**,
 - (b) is for outdoor use,
 - (c) if assembled, has been assembled in accordance with the manufacturer’s instructions, and
 - (d) if installed, has been installed in accordance with the manufacturer’s instructions.

Subsection 2.4.5. Use of Hazardous Materials

2.4.5.1. **Flammable liquids** shall not be used for cleaning purposes except where the cleaning is an essential part of a process.

2.4.5.2. Flammable gases shall not be used to inflate balloons.

Subsection 2.4.6. Electrical Hazards

Electrical wiring

2.4.6.1. Temporary electrical wiring shall not be used where it presents a fire hazard.

Subsection 2.4.7. Vacant Buildings

2.4.7.1. Vacant **buildings** shall be secured against unauthorized entry.

SECTION 2.5 FIRE DEPARTMENT ACCESS TO BUILDINGS

Subsection 2.5.1. General

Application

- 2.5.1.1. (1) This Section applies to fire access routes
 - (a) required to be constructed under the **Building Code**,
 - (b) required by municipal by-law, or
 - (c) required by this Code.

Maintaining access free of obstructions

2.5.1.2. (1) Fire access routes and access panels or windows provided to facilitate access for fire fighting operations shall not be obstructed by vehicles, gates, fences, **building** materials, vegetation, signs or any other form of obstruction.

(2) **Fire department** sprinkler and standpipe connections shall be clearly identified and maintained free of obstructions for use at all times.

Maintenance

2.5.1.3. Fire access routes shall be maintained so as to be immediately ready for use at all times by **fire department** vehicles.

Signs

2.5.1.4. **Approved** signs shall be displayed to indicate fire access routes.

SECTION 2.6 SERVICE EQUIPMENT

Subsection 2.6.1. Heating, Ventilating and Air-Conditioning

Application

2.6.1.1. This Subsection applies to cooking, heating, ventilating, air-conditioning equipment and their associated **appliances**.

Solid fuel bins

2.6.1.2. Bins containing solid fuel shall be located at least 1.2 m from any **appliance**.

Hoods, filters and ducts

2.6.1.3. (1) Hoods, ducts and filters subject to accumulations of combustible deposits shall be **checked** at intervals not greater than seven days, and shall be cleaned if the accumulation of combustible deposits creates a fire hazard.

(2) Sentence (1) does not apply to hoods, ducts or filters in an exhaust or ventilating system that serves only a single **suite** of **residential occupancy**.

Chimneys, flues and flue pipes

2.6.1.4. (1) Every **chimney, flue** and **flue pipe** shall be **inspected** to identify any dangerous condition

- (a) at intervals not greater than 12 months,
- (b) at the time of addition of any **appliance**, and
- (c) after any **chimney** fire.

(2) A **chimney, flue, or flue pipe** shall be replaced or repaired to eliminate

- (a) any structural deficiency or decay, and
- (b) all abandoned or unused openings which are not effectively sealed in a manner that would prevent the passage of fire or smoke.

(3) **Chimneys, flues and flue pipes** that constitute a fire hazard shall be repaired or replaced in accordance with the **Building Code**.

2.6.1.5. **Chimneys, flues and flue pipes** shall be cleaned as often as necessary to keep them free from accumulations of combustible deposits.

2.6.1.6. RESERVED

Operation of systems

2.6.1.7. Heating, ventilating and air-conditioning systems, including **appliances, chimneys and flue pipes**, shall be operated and maintained so as not to create a hazardous condition.

Disconnect switches

2.6.1.8. (1) Disconnect switches for mechanical air-conditioning and ventilating systems shall be **tested** at intervals not greater than 12 months to establish that the system can be shut down in an emergency.

(2) Sentence (1) does not apply to an exhaust or ventilating system that serves only a single **suite** of **residential occupancy**.

Ventilation shafts

2.6.1.9. Ventilation shafts shall be used only for ventilating purposes.

Precautions during repairs or renovations

2.6.1.10. (1) No work on ducts involving the use of hot work equipment shall be performed unless

- (a) the system has been shut down,
- (b) the duct has been cleaned of any accumulations of combustible deposits, and
- (c) any combustible lining and covering material that could be ignited by the work has been removed.

2.6.1.11. Precautions shall be taken, where necessary, to ensure that there is no damage to fuel supply piping or equipment that would result in fuel leakage or a fire hazard during renovations or excavations.

Exhaust and fire protection systems in cooking operations

2.6.1.12. (1) A cooking operation producing smoke or grease-laden vapours shall be provided with an exhaust system and fire protection system in accordance with NFPA 96, "Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations".

(2) Despite Sentence (1), an existing exhaust or fire protection system may be **approved**.

(3) Sentence (1) does not apply to

- (a) an individual **suite** of **residential occupancy**, or
- (b) a cooking operation producing insignificant amounts of smoke or grease-laden vapours that are controlled by other **approved** measures.

(4) In a **hotel establishment** regulated by Section 9.9, a cooking operation that meets the requirements of Article 9.9.2.19. is deemed to be in compliance with Sentence (1).

Maintenance of exhaust and fire protection systems

2.6.1.13. Exhaust and fire protection systems required under Article 2.6.1.12. shall be maintained in accordance with NFPA 96, "Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations".

2.6.1.14. (1) Instructions for manually operating the fire protection systems required under Article 2.6.1.12. shall be posted conspicuously in the kitchen.

(2) The instructions required in Sentence (1) shall be included in the fire safety plan where such a plan is required.

Subsection 2.6.2. Solid-Fuel-Burning Appliances***Solid-fuel-burning appliances***

2.6.2.1. The installation of solid-fuel-burning **appliances** and equipment shall be in accordance with CSA-B365, "Installation Code for Solid-Fuel-Burning Appliances and Equipment".

2.6.2.2. Solid-fuel-burning **appliances** and equipment shall be maintained in accordance with CSA-B365, "Installation Code for Solid-Fuel-Burning Appliances and Equipment".

Subsection 2.6.3. Incinerators***Design, construction, installation and alteration***

2.6.3.1. (1) The design, construction, installation and alteration of indoor incinerators shall conform to the requirements of the **Building Code**.

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(2) The design, construction, installation, alteration and maintenance of outdoor incinerators shall conform to NFPA 82, “Standard on Incinerators and Waste and Linen Handling Systems and Equipment”, except that the **flue** venting an incinerator shall not serve as the chute conveying waste material to the incinerator.

Maintenance

2.6.3.2. All indoor and outdoor incinerators shall be maintained in accordance with NFPA 82, “Standard on Incinerators and Waste and Linen Handling Systems and Equipment”.

Spark arresters

2.6.3.3. (1) Spark arresters installed in conformance with Article 2.6.3.1. shall be **inspected** and cleaned at intervals not greater than 12 months or more frequently where accumulations of debris will adversely affect operations.

(2) Burnt-out spark arresters shall be repaired or replaced.

Subsection 2.6.4. Electrical Equipment Vaults

2.6.4.1. Electrical equipment vaults shall not be used for storage purposes.

2.6.4.2. Electrical equipment vaults shall be kept locked so that unauthorized persons will not have access to them.

SECTION 2.7 SAFETY TO LIFE

Subsection 2.7.1. Means of Egress and Occupant Load

* *Open floor areas*

* 2.7.1.1. (1) Aisles in conformance with Sentences (2) to (4) shall be provided in every **floor area** in a **mercantile occupancy** and a **business and personal services occupancy**, and in a **floor area** or portion of a **floor area** containing a **hazardous extraction** operation, that

- (a) is not subdivided into rooms or **suites** served by corridors giving **access to exits**, and
- (b) is required to have more than one **exit**.

(2) Every required **exit** shall be served by an aisle that

- (a) has a clear width not less than 1100 mm,
- (b) has access to at least one additional **exit**, and
- (c) at every point in the aisle provides a choice of two directions by which to reach an **exit**.

(3) A subsidiary aisle with only a single direction of travel to an aisle described in Sentence (2) is permitted if it has a clear width not less than 900 mm and a length that is not greater than 7.5 m.

(4) Every individual work area in a **business and personal services occupancy** shall be located adjacent to an aisle or subsidiary aisle.

* 2.7.1.2. RESERVED

* 2.7.1.3. RESERVED

Occupant load

2.7.1.4. (1) The number of persons occupying a room or floor space in an **assembly occupancy** shall not exceed the **occupant load** for the intended use as determined in Sentence (2).

- (2) The **occupant load** for any room or floor space shall be the lower of
 - (a) the **occupant load** as calculated in accordance with Sentences (3) to (7), or
 - (b) the **occupant load** for which **means of egress** are provided as determined by the **Building Code**.

- (3) The **occupant load** of a **floor area** or part of a **floor area** in an **assembly occupancy** shall be based on
 - (a) the number of fixed seats, or
 - (b) the number of persons
 - (i) for which the area is designed, or
 - (ii) determined from Table 2.7.1.A. for **occupancies** other than those described in Clause (a).

(4) For the purposes of this Article, **mezzanines**, tiers and balconies shall be regarded as part of the **floor area**.

(5) Where fixed bench-type seats without arms are provided, the **occupant load** shall be based on a seat width of 450 mm per person.

(6) The **occupant load** of a room in which a dance floor is situated shall be based on that portion of the room that is not occupied by the dance floor except where the **occupant load** is determined using Subclause (3)(b)(i).

(7) At no time shall the maximum **occupant load** determined in Sentences (2) to (6) exceed the **occupant load** calculated on the basis of

- (a) 0.60 m² of floor space per person in dining, alcoholic beverage and cafeteria space, and
- (b) 0.40 m² of floor space per person for all other uses.

TABLE 2.7.1.A.

Forming Part of Article 2.7.1.4.

Type of Use of Building or Floor Area or Part Thereof	Area per Person m ²
Space with fixed seats	See Clause (3) (a)
Space with nonfixed seats	0.75
Stages for theatrical performances	0.75
Space with nonfixed seats and tables	0.95
Standing space	0.40
Stadia and grandstands	0.60
Bowling alleys, pool and billiard rooms	9.30
Classrooms	1.85
School shops and vocational rooms	9.30
Reading or writing rooms or lounges	1.85
Dining, alcoholic beverage and cafeteria space	1.10
Laboratories in schools	4.60
Exhibition halls other than those classified in mercantile occupancy	2.80

Posting occupant load

2.7.1.5. (1) When the **occupant load** as determined in Article 2.7.1.4. is more than 60 persons, the **occupant load** shall be posted in a conspicuous location.

(2) When the **occupant load** has been determined using Subclause 2.7.1.4.(3)(b)(i), a permanent sign indicating the **occupant load** shall be posted in a conspicuous location.

Nonfixed seating

2.7.1.6. (1) Nonfixed row seating in an **assembly occupancy** shall be arranged as described in Sentences (2) to (8).

(2) Aisles leading to **exits** shall be provided so that there are not more than seven seats between any seat and the nearest aisle.

(3) The minimum clear width of aisles shall be at least 1100 mm, except as permitted by Sentence (4).

(4) Aisles required in Sentence (3) may be reduced in width to 750 mm when serving 60 seats or less, or 900 mm when serving seats on one side only.

(5) Aisles shall terminate in a cross aisle, foyer or **exit** and the width of such cross aisle, foyer or exit shall be at least the required width of the widest aisle plus 50% of the total required width of the remaining aisles that it serves.

(6) The distance of travel to an **exit** door by an aisle shall not be greater than 30 m, except in a **sprinklered floor area** where the distance of travel shall not be greater than 45 m.

(7) If non-fixed row seating is provided for more than 200 persons in an **assembly occupancy**, the seats shall be fastened in units of not less than 4 and not more than 12 seats, or each end seat abutting an aisle shall be securely fastened to the floor.

(8) Seats may be arranged in a manner that does not meet the requirements of Sentence (7) where the aisle widths are increased by 50% above the requirements set out in Sentences (2) to (6), and where the maximum **occupant load** of the space is based on not less than 1.2 m² of floor space per person.

Maintenance and lighting for exits

2.7.1.7. (1) **Means of egress** shall be maintained in good repair and free of obstructions.

(2) Lighting provided for illumination in **exits** and **access to exits**, including corridors used by the public, shall be maintained.

(3) Despite Sentence (2), the lighting provided for illumination may be controlled by motion sensors installed in accordance with the **Building Code**.

Fire escapes

2.7.1.8. (1) Exterior passageways, exterior stairways and fire escapes in occupied **buildings** shall be maintained in good repair and operational and kept free of snow and ice accumulations.

(2) Where equipment is provided to melt snow or ice on exterior passageways, exterior stairways and fire escapes in an occupied **building**, the equipment shall be maintained in working order or alternative measures shall be taken as specified in Sentence (1).

Turnstiles and checkout counters

2.7.1.9. (1) Except as provided in Sentences (2) and (3), turnstiles, checkout counters, railings or barriers shall not obstruct the **exits** or **access to exits** from any room, **floor area** or **storey**.

(2) Checkout counters or control posts in retail outlets may be used within **access to exits** if there is a clear width of at least 450 mm up to a height of 914 mm.

(3) If the checkout counters or control posts exceed 914 mm in height, there shall be a clear width of at least 550 mm.

(4) The clear width may be less than that required by Sentences (2) and (3) if an alternative **means of egress** is adjacent to and plainly visible from the restricted egress.

(5) Wheeled carts shall be stored after use so as not to obstruct **access to exits** in retail outlets where wheeled carts are used by customers.

(6) Despite Sentences (1) to (5), the aggregate width of **exits** and **access to exits** shall be provided.

Subsection 2.7.2. Door Hardware

Door release hardware

2.7.2.1. (1) Every **exit** door shall be designed and installed so that, when the latch is released, the door will open in the direction of **exit** travel under a force of not more than 90 N, applied at the knob or other latch releasing device.

(2) **Approved** hardware designed to release the latch and allow the door to open in the direction of **exit** travel when a force of not more than 90 N is applied to the hardware is required on

- (a) every door in an **access to exit** from a room or **suite** of **assembly occupancy** having an **occupant load** of more than 100 persons,
- (b) every **exit** door from a **floor area** containing an **assembly occupancy** having an **occupant load** of more than 100 persons,
- (c) every door leading to an **exit** lobby from an **exit** stair shaft in **buildings** having an **occupant load** of more than 100 persons,
- (d) every exterior door leading from an **exit** stair shaft in **buildings** having an **occupant load** of more than 100 persons, and
- (e) every **exit** door from a **floor area** containing a **high hazard industrial occupancy**.

(3) Every door that opens into a corridor or other facility providing **access to exit** from a **suite** or room not located within a **suite** shall swing

- (a) on its vertical axis, and
 - (b) in the direction of **exit** travel where the room or **suite** is used or intended to be used for an **occupant load** of more than 60 persons or is designed for a **high hazard industrial occupancy**.
- (4) Sentences (1) and (3) do not apply if the existing door is **approved** and either does not endanger life safety or is modified to provide life safety.
- (5) Sentences (1), (2) and (3) do not apply in **rapid transit stations** which comply with the **Building Code**.

Requirements for locking, latching and fastening devices

- * 2.7.2.2.(1) Subject to Sentences (2) and (3), and unless otherwise **approved**, locking, latching and other fastening devices shall be such that a door can be readily opened from the inside with no more than one releasing operation and without requiring keys, special devices or specialized knowledge of the door opening mechanism on
 - (a) every required **exit** door, and
 - (b) every door that is in an **access to exit** and that opens into or is located within
 - (i) a **public corridor**,
 - (ii) a facility that provides **access to exit** from a **suite**,
 - (iii) a facility that provides **access to exit** from a room serving patients or residents in a **care occupancy, care and treatment occupancy** or **retirement home**, or
 - (iv) a **floor area**, or portion of a **floor area**, that contains a **hazardous extraction** operation.
- (2) A door in an **access to exit** or an **exit** door may be equipped with an electromagnetic locking device that is **approved** or complies with the **Building Code**, unless the door is located in an elementary or secondary school or is an egress or **exit** door that serves a **high hazard industrial occupancy**.
- (3) An egress door that serves a **contained use area** or **impeded egress zone** may be equipped with a locking device that can be released either locally or remotely in accordance with Sentences (4) to (6).
- (4) A locking device with a local release permitted by Sentence (3) shall be capable of being unlocked with a key from both sides of the door.
- (5) The controls for the remote release of a locking device permitted by Sentence (3) shall be in an area that is readily accessible to **supervisory staff**.
- (6) A locking device permitted by Sentence (3) that is electrically operated shall be
 - (a) designed to operate on emergency power, and
 - (b) capable of being manually unlocked by **supervisory staff**.
- (7) Sentence (1) does not apply in **rapid transit stations** that comply with the **Building Code**.

Subsection 2.7.3. Exit Lighting and Emergency Lighting

Exit signs

2.7.3.1. Required **exit** signs shall be clearly visible and maintained in a clean and legible condition.

Same

- 2.7.3.2. (1) **Exit** signs shall be illuminated externally or internally, as appropriate for the sign’s design, while the **building** is occupied.
- (2) **Exit** signs that contain self-luminous or photoluminescent material shall be maintained in accordance with
 - (a) the sign manufacturer’s maintenance instructions, if any, and
 - (b) the conditions outlined in the approval of the designated evaluation body under the **Building Code**, if any.

Emergency lighting

- 2.7.3.3. (1) Pilot lights on emergency lighting unit equipment shall be **checked** monthly for operation.
- (2) Emergency lighting unit equipment shall be **inspected** monthly to ensure that
 - (a) the terminal connections are clean, free of corrosion and lubricated when necessary,
 - (b) the terminal clamps are clean and tight as per manufacturer’s specifications,
 - (c) the electrolyte level and specific gravity are maintained as per manufacturer’s specifications, and

- (d) the battery surface is kept clean and dry.
- (3) Emergency lighting unit equipment shall be **tested**
 - (a) monthly to ensure that the emergency lights will function upon failure of the primary power supply, and
 - (b) annually to ensure that the unit will provide emergency lighting for a duration equal to the design criteria under simulated power failure conditions.
- (4) After completion of the **test** required in Clause (3)(b), the charging conditions for voltage and current and the recovery period shall be **tested** to ensure that the charging system is in accordance with the manufacturer's specifications.
- (5) Except as provided in Sentences (1) to (4), emergency lights shall be **inspected** at intervals not greater than 12 months to ensure that they are functional.
- (6) Where emergency power for the lights referred to in Sentence (5) is provided from a system of batteries, the batteries shall be **inspected** and **tested** in accordance with the procedures set out in Sentences (2) to (4).

Subsection 2.7.4. Indoor Public Amusement Areas

Fire hazards

- 2.7.4.1. (1) **Public amusement areas** located in **buildings** shall be designed so that they do not create a fire hazard to the public using the facility.
- (2) Hay, straw, shavings, textiles, films or similar combustible materials shall not be used in the design and construction or as decorative features in **public amusement areas** located in **buildings** unless **approved** provisions are made to control the hazard.

Emergency egress

- 2.7.4.2. (1) Indoor **public amusement areas** that involve enclosed, confined or otherwise confusing configurations shall be provided with emergency egress points that
 - (a) have appropriate width, height and capacity for the anticipated **occupant load**,
 - (b) are not more than 15 m travel from any point within the **public amusement area** except as **approved**,
 - (c) are clearly identified with signs, and
 - (d) are equipped with emergency lighting providing a minimum lighting level of 10 lx at floor or pathway level for a duration of at least 30 min, where natural lighting is not sufficient in the circumstances.

SECTION 2.8 EMERGENCY PLANNING

Subsection 2.8.1. General

Application

- 2.8.1.1. (1) This Section applies to **buildings** containing
 - (a) an **assembly occupancy**,
 - (b) a **care occupancy**,
 - (c) a **care and treatment occupancy**,
 - (d) a **detention occupancy**,
 - (e) a **residential occupancy** where the **occupant load** exceeds 10,
 - (f) a **retirement home**,
 - (g) a **business and personal services occupancy** where the **occupant load** exceeds 300,
 - (h) a **mercantile occupancy** where the **occupant load** exceeds 300,
 - (i) a **high hazard industrial occupancy** where the **occupant load** exceeds 25,
 - (j) a **medium hazard industrial occupancy** where the **occupant load** exceeds 100, or
 - (k) a **low hazard industrial occupancy** where the **occupant load** exceeds 300.
- * (2) This Section also applies to **buildings** or premises
 - (a) containing 4 **storeys** or more, counting **storeys** below grade,
 - (b) to which Subsection 3.2.1. applies,

- (c) to which Article 4.1.5.6. applies,
- (d) to which Article 4.12.4.1. applies,
- (e) to which Subsection 5.14.11. applies,
- (f) to which Section 9.3 applies,
- (g) to which Sentence 9.5.3.1.(3) applies,
- (h) used as a convalescent home or children’s custodial home providing sleeping accommodation for more than three persons, or
- (i) that have a **contained use area** or an **impeded egress zone**.

(3) This Section also applies to recreational camps regulated under the **Health Protection and Promotion Act**.

(4) This Section also applies to supported group living residences and intensive support residences regulated under the **Services and Supports to Promote the Social Inclusion of Persons with Developmental Disabilities Act, 2008**.

Instructions in emergency procedures

2.8.1.2. (1) **Supervisory staff** shall be instructed in the fire emergency procedures as described in the fire safety plan before they are given any responsibility for fire safety.

(2) **Supervisory staff** shall be available on notification of a fire emergency to fulfil their obligation as described in the fire safety plan.

(3) Subject to Article 2.8.2.2., **supervisory staff** are not required to be in the **building** on a continual basis.

2.8.1.3. (1) Employees in a **hotel establishment** shall be instructed on

- (a) the procedures outlined in Article 2.8.2.1., and
- (b) the use of fire fighting equipment, including portable extinguishers and, where applicable, standpipe and hose systems.

Subsection 2.8.2. Fire Safety Plan

Measures in a fire safety plan

2.8.2.1. (1) A fire safety plan shall be prepared, **approved** and implemented in **buildings** and premises to which this Section applies.

(2) A fire safety plan shall

- (a) provide for the emergency procedures to be followed in case of fire, including
 - (i) sounding the fire alarm,
 - (ii) notifying the **fire department**,
 - (iii) instructing occupants on procedures to be followed when the fire alarm sounds,
 - (iv) evacuating occupants, including special provisions for persons requiring assistance,
 - (v) procedures for use of elevators, and
 - (vi) confining, controlling and extinguishing the fire,
- (b) provide for the appointment and organization of **supervisory staff** to carry out fire safety duties,
- (c) provide for the training of **supervisory staff** and the instruction of other occupants in their responsibilities for fire safety,
- (d) include documents and diagrams showing the type, location and operation of the **building** fire emergency systems,
- (e) provide for the holding of fire drills and set out fire drill procedures,
- (f) provide for the control of fire hazards in the **building**,
- (g) provide for the maintenance of **building** facilities provided for the safety of occupants, and
- (h) provide for alternative measures to be provided for the safety of occupants during a shutdown of any or all fire protection equipment or systems.

(3) The fire safety plan shall be kept in the **building** or premises in an **approved** location.

(4) The fire safety plan shall be reviewed as often as necessary, but at least every 12 months, and shall be revised as necessary so that it takes into account changes in the use or other characteristics of the **building** or premises.

(5) Before **demolition** or construction, including hot surface applications, commences in or on the **building** or premises, the fire safety plan shall be revised to incorporate

- (a) temporary alternative measures for the fire safety of the occupants during the **demolition** or construction, and
 - (b) temporary procedures to control fire hazards associated with the **demolition** or construction, including procedures to mitigate risks to adjacent **buildings**.
- (6) The revised fire safety plan prepared under Sentence (4) or (5) shall be implemented.
- (7) In the case of a **care occupancy, care and treatment occupancy** and **retirement home**, any training of **supervisory staff** carried out under a fire safety plan shall be recorded.
- (8) The original or a copy of at least the most recent and the immediately preceding record referred to in Sentence (7) shall be retained in the **building** for a period of at least two years after being prepared and shall be made available to the **Chief Fire Official** for examination on request.

Supervisory staff

2.8.2.2. (1) There shall be sufficient **supervisory staff** available in **care occupancies, care and treatment occupancies, detention occupancies** and **retirement homes** to carry out the duties required in the fire safety plan.

(2) In **hotel establishments**

- (a) there shall be sufficient **supervisory staff** available to carry out the duties as required in the fire safety plan, and
- (b) in **buildings** greater than 3 storeys in **building height** or having a **total area** greater than 4000 m², **supervisory staff** shall be on duty whenever the **building** is occupied.

High buildings

2.8.2.3. (1) The fire safety plan in **buildings** within the scope of Subsection 3.2.6. of Division B of the **Building Code** shall, in addition to the requirements of Sentence 2.8.2.1.(2), include

- (a) the instruction of **supervisory staff** on the use of the voice communication system,
- (b) the action to be taken by **supervisory staff** in initiating any smoke control or other fire emergency systems installed in a **building** in the event of fire until the **fire department** arrives,
- (c) the procedures established to facilitate **fire department** access to the **building** and fire location within the **building**, and
- (d) the instructions for the **supervisory staff** and **fire department** for the operation of the fire emergency systems.

2.8.2.4. A copy of the fire emergency procedures and other duties for **supervisory staff** as laid down in the fire safety plan shall be given to all **supervisory staff**.

Posting fire emergency procedures

2.8.2.5. (1) At least one copy of the fire emergency procedures shall be prominently posted and maintained on each **floor area**.

(2) In addition to Sentence (1), in a **hotel establishment**

- (a) one copy of the **approved** fire safety plan shall be posted in the main reception area, and
- (b) a copy of the emergency procedures, location of **exits** and the fire safety rules shall be posted on the inside of the egress doors of each **guest suite**.

(3) Where a fire alarm system has been installed with no provisions to transmit a signal to the **fire department**, a legible notice, that is not easily removed, shall be affixed to the wall near each manual pull station with wording that the **fire department** is to be notified in the event of a fire emergency and including the emergency telephone number for the municipality or the telephone number of the **fire department**.

Subsection 2.8.3. Fire Drills

Procedures

2.8.3.1. (1) The procedure for conducting fire drills described in Clause 2.8.2.1.(2)(e) shall be included in the fire safety plan, taking into consideration

- (a) the **building occupancy** and its fire hazards,
- (b) the safety features provided in the **building**,
- (c) the desirable degree of participation of occupants other than **supervisory staff**,
- (d) the number and degree of experience of participating **supervisory staff**, and

- (e) the **testing** and operation of the emergency systems installed in **buildings** within the scope of Subsection 3.2.6. of Division B of the **Building Code**.

(2) The fire drill procedures required in Sentence (1) shall be prepared in consultation with the **Chief Fire Official**.

Frequency

2.8.3.2. (1) Subject to Sentences (2), (3), (4) and (5), a fire drill shall be held for the **supervisory staff** at least once during each 12-month period.

- * (2) A fire drill shall be held for the **supervisory staff** at least monthly in
 - (a) a supported group living residence or intensive support residence regulated under the **Services and Supports to Promote the Social Inclusion of Persons with Developmental Disabilities Act, 2008**,
 - (b) a **care occupancy**,
 - (c) a **care and treatment occupancy**,
 - (d) a **detention occupancy**,
 - (e) a day care centre for children, including a day nursery, as defined in the **Day Nurseries Act**, but excluding
 - (i) private-home day care, as defined in the **Day Nurseries Act**,
 - (ii) an extended day program or third party program operated under section 259 of the **Education Act**, and
 - (iii) a day nursery or part of a day nursery, as defined in the **Day Nurseries Act**, that is operated in a school, as defined in the **Education Act**, and that provides services only to children who are pupils of a board, as defined in the **Education Act**, and
 - (f) a **retirement home**.
- (3) In a school, as defined in the **Education Act**, and a private school, as defined in the **Education Act**, a total evacuation fire drill shall be held
 - (a) if the school or private school is in session during the fall term, at least three times during that term,
 - (b) if the school or private school is in session during the spring term, at least three times during that term, and
 - (c) if the school or private school is in session during the summer, at least three times or at least once a month during the period it is in session, whichever is less.
- (4) For an extended day program or third party program operated under section 259 of the **Education Act**, or for a day nursery or part of a day nursery described in Subclause (2)(e)(iii), a total evacuation fire drill shall be held
 - (a) if the program, day nursery or part of a day nursery is in operation during the fall term, at least three times during that term,
 - (b) if the program, day nursery or part of a day nursery is in operation during the spring term, at least three times during that term, and
 - (c) if the program, day nursery or part of a day nursery is in operation during the summer, at least three times or at least once a month during the period it is in operation, whichever is less.
- (5) A fire drill for **supervisory staff** shall be held at least every three months in a **building** to which Subsection 3.2.6. of Division B of the **Building Code** applies.
- (6) In addition to the requirements of Sentence (2), in a **care occupancy**, a **care and treatment occupancy** or a **retirement home**, a fire drill for **supervisory staff** shall be carried out at least once during each 12-month period for an **approved** scenario representing the lowest staffing level complement in the **occupancy** in order to confirm that the requirements of Sentence 2.8.2.2.(1) have been met.

Notification of Chief Fire Official

2.8.3.3. The **Chief Fire Official** shall be notified within an **approved** time period before every fire drill carried out under Sentence 2.8.3.2.(6).

Records

- 2.8.3.4. (1) A record shall be prepared of every fire drill conducted under Article 2.8.3.2.
- (2) The record shall be kept for at least 12 months after the fire drill.

Hotel employees

2.8.3.5. Every employee in a **hotel establishment** shall take part in at least one fire drill during each 12-month period.

SECTION 2.9 TENTS AND AIR-SUPPORTED STRUCTURES

Subsection 2.9.1. General

2.9.1.1. **Tents** and **air-supported structures** shall be in conformance with the **Building Code**.

2.9.1.2. This Section does not apply to **tents** that have an area of 30 m² or less and that are used for camping, personal or other non-commercial uses.

Subsection 2.9.2. Materials

Flameproofing treatments

2.9.2.1. Flameproofing treatments shall be renewed as often as necessary to ensure that the material will pass the match flame **test** in NFPA 705, "Recommended Practice for a Field Flame Test for Textiles and Films".

Subsection 2.9.3. Fire Hazards and Control

Combustible materials

2.9.3.1. (1) Subject to Sentences (2) and (3), hay, straw, shavings or similar combustible materials shall not be used within a **tent** or **air-supported structure** used for an **assembly occupancy**.

(2) Hay, straw or similar combustible materials may be used if necessary for the daily feeding and care of animals.

(3) Sawdust and shavings may be used if kept damp.

Smoking and open flames prohibited

2.9.3.2. Smoking shall not take place and open flame devices shall not be used in a **tent** or **air-supported structure** unless provisions have been made for such activities under the fire safety plan.

Fire alarm system or firewatch

2.9.3.3. (1) Despite Article 2.9.1.1., if a **tent** or **air-supported structure** does not have a fire alarm system that conforms to the **Building Code**,

- (a) it may have an **approved** fire alarm system that does not conform to the **Building Code** where the reliability and performance of the system will provide an adequate early warning level, or
- (b) a person shall be employed for firewatch duty.

2.9.3.4. (1) A person employed for firewatch duty in accordance with Article 2.9.3.3. shall

- (a) be familiarized with all fire safety features, including the fire safety plan as provided in conformance with Section 2.8 and the condition of **exits**, and
- (b) patrol the area to ensure that the **means of egress** are kept clear and that regulations are enforced.

Communications systems

2.9.3.5. When the conditions of Article 2.9.3.3. apply, an **approved** communications system shall be provided.

SECTION 2.10 DAY CARE CENTRES

Subsection 2.10.1. Application

Application

2.10.1.1. (1) Subject to Sentence (2), this Section applies to day care centres for children, including day nurseries as defined in the **Day Nurseries Act**.

- (2) This Section does not apply to
- (a) private-home day care, as defined in the **Day Nurseries Act**,
 - (b) an extended day program or a third party program operated under section 259 of the **Education Act**, or
 - (c) a day nursery or part of a day nursery, as defined in the **Day Nurseries Act**, that is operated in a school, as defined in the **Education Act**, and that provides services only to children who are pupils of a board, as defined in the **Education Act**.

Subsection 2.10.2. Combustible Materials

Artwork and teaching materials on walls

2.10.2.1. Combustible artwork and teaching materials that are attached to walls shall not exceed 20% of the area of the walls.

Waste receptacles

2.10.2.2. Waste receptacles shall be made of noncombustible materials.

Flammable and combustible liquids

2.10.2.3. **Flammable liquids** and **combustible liquids** shall be stored in conformance with Part 4 and in areas inaccessible to children.

Subsection 2.10.3. Staffing

2.10.3.1. Where children with disabilities are cared for, sufficient staff shall be present at all times during the period the children are in the centre to escort them to safety in the event of a fire emergency.

SECTION 2.11 INSULATION AND RE-INSULATION

Subsection 2.11.1. General

2.11.1.1. The installation of insulation, including the replacement of insulation, shall be carried out in accordance with the **Building Code**.

2.11.1.2. Unless otherwise **approved**, combustible insulation shall be protected as prescribed in the **Building Code**.

2.11.1.3. Insulation shall not be placed in **building** roof-ceiling or floor-ceiling assemblies, as described in Parts 3 and 9 of Division B of the **Building Code**, where the assemblies are required to have a **fire-resistance rating** unless the insulation does not reduce the **fire-resistance rating** of the assemblies.

SECTION 2.12 COVERED MALLS

Subsection 2.12.1. General

2.12.1.1. (1) Covered malls designed for ornamental and pedestrian uses only shall not be used for merchandising or public activities, except that such activities may occur on a temporary basis where they do not create a fire hazard.

(2) Where a covered mall described in Sentence (1) is used for merchandising or public activities, the fire safety plan described in Section 2.8 shall include additional provisions to offset any hazard that may be created by such activities.

2.12.1.2. Merchandising or public activities in a **sprinklered** covered mall described in Article 2.12.1.1. shall not be carried out where such activity will create a hazard exceeding the design criteria for which the sprinkler system was designed.

2.12.1.3. (1) When a covered mall having a width of 9 m or more has been provided for the purpose of considering each portion of the **building** separated by the mall as a separate **building**, no merchandising or public activities shall be carried on within the 9 m width.

(2) Despite Sentence (1), merchandising or public activities or both may be carried on within the 9 m width where they are **approved** and they do not endanger life safety or alternative measures are taken to provide life safety.

2.12.1.4. **Access to exits** within a covered mall shall be provided and maintained in conformance with Subsection 2.7.1.

2.12.1.5. Where a covered mall is used for merchandising or public activities, the activities shall be arranged so that access to fire protection equipment, including sprinkler control valves, fire hose stations, portable extinguishers and fire alarm stations, is not restricted.

2.12.1.6. Decorative materials used for merchandising or public activities in a covered mall shall conform to Subsection 2.3.2.

2.12.1.7. Where a covered mall is used for the display of fueled equipment, batteries shall be disconnected and caps for fuel tanks shall be locked or secured against tampering.

SECTION 2.13 INSTALLATION OF SMOKE ALARMS

Subsection 2.13.1. Application and Responsibility

Application

2.13.1.1. (1) Subject to Sentences (2) and (3), this Section applies to **suites** of **residential occupancy** and sleeping rooms not within a **dwelling unit**.

(2) This Section does not apply to **buildings** that are subject to Part 9.

(3) This Section does not apply if **smoke alarms** have been installed in the **dwelling unit** or sleeping room not within a **dwelling unit** in accordance with the **Building Code** as it read on or after April 6, 1998.

Landlord is responsible

2.13.1.2. Despite the definition of **owner** in Article 1.4.1.2. of Division A, in the case of a rental **suite**, only the landlord shall be considered to be the **owner** for the purpose of applying Article 1.2.1.1. of Division A to this Section.

Subsection 2.13.2. Installation Requirements

Installation requirements

2.13.2.1. (1) A **smoke alarm** shall be installed

- (a) if a sleeping area in a **dwelling unit** is served by a hallway, in the hallway,
- (b) if a sleeping area in a **dwelling unit** is not served by a hallway, between the sleeping area and the remainder of the **dwelling unit**,
- (c) if a sleeping room is not within a **dwelling unit**, in the sleeping room, and
- (d) on each **storey** without a sleeping area in a **dwelling unit**.

(2) A **smoke alarm** shall

- (a) be permanently connected to an electrical circuit with no disconnect switch between the overcurrent device and the **smoke alarm**, or
- (b) be battery-operated.

(3) A **smoke alarm** shall meet the requirements of CAN/ULC-S531, "Standard for Smoke Alarms".

SECTION 2.14 OUTDOOR PUBLIC AMUSEMENT AREAS

Subsection 2.14.1. General

Application

2.14.1.1. This Section applies to **public amusement areas** located outdoors.

Fire hazards

2.14.1.2. (1) Outdoor **public amusement areas** shall be designed so that they do not create a fire hazard to the public using them.

(2) Hay, straw, shavings, textiles, films or similar combustible materials shall not be used in the design and construction or as decorative features in outdoor **public amusement areas** unless **approved** provisions are made to control the hazard.

Ignition sources

2.14.1.3. Smoking shall not take place and open flames, temporary wiring, heat-producing equipment and similar ignition sources shall not be used if they would create a fire hazard, except in **approved** areas.

Emergency egress

2.14.1.4. (1) Outdoor **public amusement areas** that involve enclosed, confined or otherwise confusing configurations shall be provided with emergency egress points that

- (a) have appropriate width, height and capacity for the anticipated number of occupants,
- (b) are not more than 15 m travel from any point within the **public amusement area** except as **approved**,
- (c) are clearly identified with signs, and
- (d) are equipped with lighting providing a minimum lighting level of 10 lx at floor or pathway level for a duration of at least 30 min, where natural lighting is not sufficient in the circumstances.

Fire safety procedures

2.14.1.5. (1) The operator of the outdoor **public amusement area** shall develop and implement written fire safety procedures that include

- (a) a means of alerting the persons in the **public amusement area** of a fire emergency and notifying the **fire department**,
- (b) evacuation of endangered persons,
- (c) appointment and instruction of **supervisory staff** to carry out fire safety duties, and
- (d) fire prevention and control of fire hazards.

(2) The procedures described in Sentence (1) shall be made available to the **Chief Fire Official** upon request.

SECTION 2.15 PORTABLE OXYGEN SYSTEMS

Subsection 2.15.1. General

2.15.1.1. This Section applies to portable oxygen systems used for medical purposes in **residential occupancies** and health care facilities.

2.15.1.2. Storage, handling and use of portable oxygen systems shall be in conformance with CSA-Z305.12, "Safe Storage, Handling, and Use of Portable Oxygen Systems in Residential Buildings and Health Care Facilities".

SECTION 2.16 INSTALLATION OF CARBON MONOXIDE ALARMS

Subsection 2.16.1. Application and Responsibility

Application

2.16.1.1. (1) Subject to Sentence (2), this Section applies to every **building** that contains a **residential occupancy** and

- (a) a fuel-burning **appliance**,
- (b) a fireplace, or
- (c) a **storage garage**.

(2) This Section applies

- (a) as of April 15, 2015, in the case of **buildings** that contain no more than six **suites** of **residential occupancy**, and
- (b) as of October 15, 2015, in the case of **buildings** that contain more than six **suites** of **residential occupancy**.

Landlord is responsible

2.16.1.2. Despite the definition of **owner** in Article 1.4.1.2. of Division A, in the case of a rental **suite** of **residential occupancy**, only the landlord shall be considered to be the **owner** for the purpose of applying Article 1.2.1.1. of Division A to this Section.

Subsection 2.16.2. Installation Requirements

Installation requirements

2.16.2.1. (1) If a fuel-burning **appliance** or a fireplace is installed in a **suite** of **residential occupancy**, a carbon monoxide alarm shall be installed adjacent to each sleeping area in the **suite**.

(2) If a fuel-burning **appliance** associated with **building** services is installed in a **building**, but not within a **suite** of **residential occupancy**, a carbon monoxide alarm shall be installed

- (a) in the **service room** or area where the **appliance** is installed,
- (b) adjacent to each sleeping area in each **suite** of **residential occupancy** that has a common wall or common floor/ceiling assembly with the **service room** or area where the **appliance** is installed, and
- (c) adjacent to sleeping rooms that are not within a **dwelling unit**.

(3) If a **building** contains a **storage garage**, a carbon monoxide alarm shall be installed

- (a) adjacent to each sleeping area in each **suite** of **residential occupancy** that has a common wall or common floor/ceiling assembly with the **storage garage**, and
- (b) adjacent to sleeping rooms that are not within a **dwelling unit**.

(4) A carbon monoxide alarm shall

- (a) be permanently connected to an electrical circuit with no disconnect switch between the overcurrent device and the carbon monoxide alarm,
- (b) be battery-operated, or
- (c) be plugged into an electrical receptacle.

(5) A carbon monoxide alarm shall meet the requirements of CSA-6.19, "Residential Carbon Monoxide Alarming Devices" or UL 2034, "Single and Multiple Station Carbon Monoxide Alarms".

(6) A carbon monoxide alarm shall be mechanically fixed, attached, plugged in or placed at the manufacturer's recommended height or, if the manufacturer has not recommended a height, on or near the ceiling.

(7) A carbon monoxide alarm that is installed adjacent to a sleeping area shall be equipped with an alarm that is audible throughout the sleeping area, even if any doors between the carbon monoxide alarm and any parts of the sleeping area are closed.

Openings for measuring liquid level

4.3.11.2. Openings for measuring liquid levels in underground **storage tanks** if independent of the fill pipe shall be equipped with a vapour-tight cap or cover which shall be opened only when measuring the liquid level.

Fill piping and discharge piping

4.3.11.3. (1) Fill piping and discharge piping shall enter underground **storage tanks** only through the top of the tank and discharge piping used in suction systems shall be sloped toward the **storage tanks**.

(2) The fill point of an underground **storage tank** shall not be located higher than the discharge point of the tank's vent.

(3) Subject to Sentence (5), connections used as part of normal operating conditions for filling or emptying underground **storage tanks** shall be located

- (a) outside **buildings**,
- (b) at a location free of sources of ignition, and
- (c) not less than 1.5 m away from **building** openings.

(4) Connections for filling or emptying **storage tanks** described in Sentence (3) shall be kept closed to prevent leakage when not in use.

(5) A filling connection described in Sentence (3) may be located inside a **building** if

- (a) made necessary
 - (i) by a process or activity located indoors and to which the tank is directly associated, or
 - (ii) for the collection of used liquids, and
- (b) the fill piping is provided with means to prevent flammable vapours from returning to the **building**.

(6) If a fill piping system has an offset component from the fill point on the underground **storage tank**, fill pipes shall be

- (a) double-walled,
- (b) sloped to the **storage tank**, and
- (c) electronically monitored for leak detection.

(7) If the fill point is below the normal liquid level in the underground **storage tank**,

- (a) the fill line shall be equipped with a manual or automatic valve located at the fill point to prevent spillage when the fill cap is removed, and
- (b) the fill line drop tube shall be equipped with a method to prevent siphoning of the tank's contents should a leak occur in the fill line.

(8) In-service fill piping systems that do not comply with Sentences (6) and (7) may remain in-service if the piping does not leak and if the fill piping system met the requirements of this Code on December 31, 2014, as it read on that day.

Subsection 4.3.12. Installation of Storage Tanks Inside Buildings***Application***

4.3.12.1. This Subsection applies to the installation of **storage tanks** in **buildings**.

Occupancy

4.3.12.2. (1) Subject to Sentence (2), **storage tanks** in **buildings** shall only be located in **industrial occupancies**.

(2) A **storage tank** containing a Class I liquid fuel that is connected to a stationary engine may be installed in any **occupancy** of a **building** if the installation complies with NFPA 37, "Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines".

Maximum static head

4.3.12.3. The static head imposed on a **storage tank** inside a **building** shall not exceed 70 kPa (gauge) at the bottom of the tank when the vent or fill pipe is filled with liquid unless the tank is designed for greater pressures.

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Maximum quantities and location

4.3.12.4. (1) Except as provided in Subsection 4.2.8. and in Sentence (2), **storage tanks for flammable liquids or combustible liquids** shall be

- (a) located in dedicated rooms conforming to Subsection 4.3.13., and
- (b) located in conformance with Table 4.3.12.A.

(2) When quantities greater than are permitted for incidental use in Subsection 4.2.8. are required for special process operations, **storage tanks for flammable liquids or combustible liquids** are permitted to be located outside of a storage room referred to in Sentence (1), provided that

- (a) total quantities per **fire compartment** are not more than one-half the quantities permitted in Table 4.3.12.A.,
- (b) they are located on the **first storey**, and
- (c) the installation conforms to Articles 4.3.12.7. to 4.3.12.10. and Article 4.3.13.4.

(3) Table 4.3.12.A. does not apply to the storage of **distilled beverage alcohol**.

TABLE 4.3.12.A.

Indoor Tank Storage in **Industrial Occupancies** Forming Part of Article 4.3.12.4. and 4.3.12.6.

Class of Liquid	Storage Level	Maximum Quantity per Storage Room ⁽¹⁾ , L, One or More Tanks, Protected Storage ⁽²⁾	Maximum Quantity per Storage Room ⁽¹⁾ , L, One or More Tanks, Unprotected Storage
Class I	First Storey	40000	25000
Class I	Storeys above the first storey	7500	Not permitted
Class I	Basement	Not permitted	Not permitted
Class II and IIIA	First Storey	200000	100000
Class II and IIIA	Storeys above the first storey	20000	Not permitted
Class II and IIIA	Basement	20000	Not permitted

Notes to Table 4.3.12.A.:

⁽¹⁾ See Subsection 4.3.13.

⁽²⁾ See Article 4.2.7.7.

Fire compartments

4.3.12.5. **Fire compartments** referred to in this Subsection shall have a **fire-resistance rating** not less than 2 h.

Mixed storage

4.3.12.6. (1) When two or more classes of liquids are stored in a single storage room referred to in Sentence 4.3.12.4.(1), the total quantities of stored liquids shall meet the requirements of the following equation:

$$q_I/Q_I + q_{II+IIIA}/Q_{II+IIIA} < 1$$

where

q_I = the actual quantity of Class I liquid present,

$q_{II+IIIA}$ = the actual quantity of Class II and IIIA liquid present,

Q_I = the maximum quantity of Class I liquid permitted in Table 4.3.12.A., and

$Q_{II+IIIA}$ = the maximum quantity of Class II and IIIA liquid permitted in Table 4.3.12.A.

Storage tanks outside storage rooms

- * 4.3.12.7. (1) Where **storage tanks for flammable liquids or combustible liquids** are located outside of storage rooms conforming to Subsection 4.3.13.,

- (a) provision shall be made, in conformance with Subsection 4.1.6., to contain a spill equal to at least 100% of the volume of the largest **storage tank** or to drain away spilled **flammable liquids** or **combustible liquids**,
- (b) all electrical equipment and wiring in the vicinity of the **storage tank** and the exterior vent shall be installed in conformance with Subsection 4.1.4., and
- (c) the area in which the **storage tank** is located shall be ventilated in conformance with Subsection 4.1.7., where designated a Class I, Zone 0, 1 or 2 hazardous location under the **Electrical Safety Code** made under the **Electricity Act, 1998**.

Vents

4.3.12.8. (1) Except as provided in Sentence (2), normal and emergency vents for **storage tanks** in **buildings** shall be provided in conformance with Subsections 4.3.4. and 4.3.5.

(2) Weak roof-to-side shell seams that are designed to rupture before the allowable design stress of the **storage tank** is reached shall not be used as a means of emergency venting of **storage tanks** inside **buildings**.

Supports, foundations and anchorage

4.3.12.9. (1) Except as provided in Sentence (2), where **storage tanks** for **flammable liquids** or **combustible liquids** are installed inside **buildings**, the supports, foundations and anchorage for such **storage tanks** shall be in conformance with Subsection 4.3.3.

(2) Where a **storage tank** is suspended, rather than supported on a foundation, supports shall be designed and installed in conformance with good engineering practice.

Bonding and grounding

4.3.12.10. (1) Where **storage tanks** for **flammable liquids** or **combustible liquids** are installed inside **buildings**, tanks, piping and discharge equipment shall be bonded and grounded.

Subsection 4.3.13. Rooms for Storage Tanks

Design and construction

4.3.13.1. (1) Rooms for **storage tanks** inside **buildings** shall be

- (a) separated from the rest of the **building** by a **fire separation** having a **fire-resistance rating** of not less than 2 h,
- (b) designed to contain a spill equal to at least 100% of the volume of the largest **storage tank**, or to drain away spilled **flammable liquids** or **combustible liquids** in conformance with Subsection 4.1.6.,
- (c) made liquid-tight where the walls join the floor,
- (d) provided with natural or mechanical ventilation in conformance with Subsection 4.1.7., and
- (e) used for no other purposes than the storage and handling of **flammable liquids** or **combustible liquids**.

Clearances

4.3.13.2. A minimum clear space of 550 mm shall be maintained between the walls of a room described in Article 4.3.13.1. and the sides of any **storage tanks** within the room.

Explosion venting

4.3.13.3. Where Class IA or IB liquids are dispensed within a storage room, the room shall be designed to prevent critical structural and mechanical damage from an internal explosion in conformance with NFPA 68, "Standard on Explosion Protection by Deflagration Venting".

Hose stations and portable extinguishers

4.3.13.4. (1) In **buildings** not required to be equipped with a standpipe system by the **Building Code**, hose stations conforming to Articles 3.2.9.2. to 3.2.9.7. of the **Building Code**, as it read on August 21, 2000, shall be provided in the vicinity of the storage room, such that all parts of the room are within reach of a hose stream.

(2) Portable extinguishers for **Class B fires** shall be provided in conformance with Section 6.2.

Placards

4.3.13.5. (1) Placards conforming to the **Transportation of Dangerous Goods Regulations** made under the **Transportation of Dangerous Goods Act, 1992 (Canada)** shall be posted in a conspicuous location outside the room containing **storage tanks**.

(2) Placards required in Sentence (1) shall identify the

- (a) liquids stored as **flammable liquids** or **combustible liquids**, and
- (b) capacities of the **storage tanks**.

(3) Despite Clause (2)(a), where storage consists of a single product, placards that identify the liquid using the UN Product Identification Number (PIN) shall be acceptable.

(4) Despite Clause (2)(a), where storage consists of multiple products within the same class, placards that identify the class of liquids shall be acceptable.

(5) Despite Clause 2(a), where storage consists of more than one class of liquid, placards that indicate the danger symbol or individual placards for each class of liquid shall be acceptable.

(6) Rooms for **storage tanks** and the information described in Sentence (2) shall be identified in the fire safety plan required in Article 4.1.5.6.

Subsection 4.3.14. Openings Other than Vents in Storage Tanks in Buildings

Connections

4.3.14.1. (1) Connections for all openings in **storage tanks** in **buildings** shall be liquid and vapour tight.

(2) Connections to **storage tanks** through which liquid can flow shall be provided with valves located as close as practical to the tank.

Openings for liquid level measurement

4.3.14.2. (1) Openings that are independent of the fill pipe and are used for measuring the liquid level in **storage tanks** containing Class I or II liquids shall be equipped with a vapour-tight cap which shall be opened only when measuring the liquid level.

(2) Openings referred to in Sentence (1) shall be protected against overflow and **vapour pressure** by means of a spring-loaded check valve.

Subsection 4.3.15. Leakage Testing of Storage Tanks

Leakage testing

4.3.15.1. (1) Every **storage tank** shall be **tested** for leakage in conformance with Sentences (2) to (4)

- (a) whenever a leak is suspected, and
- (b) at the time of installation
 - (i) before backfilling in the case of an underground tank, or
 - (ii) before filling or putting into service in the case of an aboveground tank.

(2) When a leakage **test** is required by Sentence (1) on an aboveground **storage tank**, it is permitted to determine the source of leakage

- (a) by a visual examination of the tank shell, and
- (b) where the bottom is not amenable to such examination, by **testing** the bottom of the tank in conformance with Sentence (3).

(3) Except as provided in Articles 4.3.15.4. and 4.3.15.5., when a leakage **test** is required by Sentence (1) on an underground **storage tank**, it shall be done by qualified personnel using equipment conforming to

- (a) ULC/ORD-C58.12, "Leak Detection Devices or (Volumetric Type) for Underground Flammable Liquid Storage Tanks", or
- (b) ULC/ORD-C58.14, "Nonvolumetric Leak Detection Devices for Underground Flammable Liquid Storage Tanks".

(4) Where field **test** methods are included in the tank construction standards referred to in Articles 4.3.1.2. and 4.3.1.3., such tests shall be permitted for **storage tanks** conforming to those standards.

* 4.3.15.2. RESERVED

Remedial action

4.3.15.3. (1) When a leak is detected in a **storage tank** by a leakage **test** required in this Subsection or by a leakage detection measure required in Subsection 4.3.16.,

- (a) the **storage tank** shall
 - (i) be replaced, in the case of an underground tank, or
 - (ii) be repaired or replaced in the case of an aboveground tank, and
- (b) the escaped liquid shall be removed in conformance with Article 4.1.6.3.

(2) The **Chief Fire Official** shall be notified within 24 h of detection of a leak referred to in Sentence (1).

Pneumatic leakage tests

4.3.15.4. (1) Pneumatic leakage **tests** shall not be performed on field-erected aboveground **storage tanks**.

(2) Pneumatic leakage **tests** shall not be performed on **storage tanks** with **flammable liquids** or **combustible liquids** in the tanks.

(3) Where a pneumatic leakage **test** is performed on an underground **storage tank**, the tank shall be considered to be leaking when the **test** indicates a pressure drop within a 2 h period after steady temperature conditions have been established and the source of pressure has been removed.

(4) Pneumatic **test** pressures applied to underground **storage tanks** shall be measured by an instrument calibrated in increments of not more than 1 kPa.

(5) If a pneumatic leakage **test** is conducted before an underground tank is backfilled in the case of a new tank, or after the tank is uncovered in the case of a previously installed tank, the **test** pressure shall comply with the production **testing** requirements of

- (a) ULC-S603, “Standard for Steel Underground Tanks for Flammable and Combustible Liquids”, or
- (b) ULC-S615, “Standard for Reinforced Plastic Underground Tanks for Flammable and Combustible Liquids”.

(6) Where a pneumatic leakage **test** is performed on a completely buried **storage tank**, the **test** pressure shall be not less than 35 and not more than 70 kPa (gauge).

(7) Measures shall be taken to guard against the hazards associated with pneumatic leakage **testing** where explosive mixtures of vapours from **flammable liquids** or **combustible liquids** and air may be present in the area of a tank that has been in use.

Liquid media leakage tests

4.3.15.5. (1) Where a leakage **test** incorporating a liquid **test** medium, including a **flammable liquid** or **combustible liquid**, is performed on an underground **storage tank**, the tank shall be considered to be leaking when, with compensation for volume differentials caused by effects of temperature and tank shell distortion, the **test** indicates a liquid loss.

(2) The pressure at the bottom of a **storage tank** shall not exceed 70 kPa (gauge) during the leakage **test** referred to in Sentence (1).

Subsection 4.3.16. Leakage Detection of Storage Tanks**Liquid level measurements**

4.3.16.1. (1) Except as provided in Article 4.3.16.2., the liquid level in any **storage tank** shall be measured at intervals not greater than seven days in conformance with Sentences (2) to (4), except that at **fuel dispensing stations**, the measurements shall be taken each day the station is in operation.

(2) The level of water at the bottom of an underground **storage tank** shall be measured at intervals not greater than seven days, except that at **fuel dispensing stations**, the measurement shall be taken each day the station is in operation.

(3) A comparison of the measurements described in Sentences (1) and (2) with meter readings and a computation of any gain or loss of liquid shall be done each time a required measurement is taken.

* (4) A record for each **storage tank** showing the measurements and computations described in Sentence (3) shall be retained for examination by the **Chief Fire Official**, in conformance with Subsection 1.1.2.

Continuous leakage detection

4.3.16.2. (1) The measurements described in Article 4.3.16.1. are not required for an underground **storage tank** when

- (a) it is provided with a continuous leakage detection device conforming to
 - (i) ULC/ORD-C58.12, "Leak Detection Devices (Volumetric Type) for Underground Flammable Liquid Storage Tanks", or
 - (ii) ULC/ORD-C58.14, "Nonvolumetric Leak Detection Devices for Underground Flammable Liquid Storage Tanks", and
- (b) its associated underground piping is provided with continuous leakage detection conforming to Article 4.4.6.7.

Corrective action

4.3.16.3. (1) Immediate corrective action shall be taken in conformance with Subsection 4.3.15. when

- (a) a loss of liquid or a gain of water is indicated by any of the leakage detection measures described in Articles 4.3.16.1. and 4.3.16.2., or
- (b) the level of water at the bottom of an underground **storage tank** exceeds 50 mm.

Subsection 4.3.17. Out of Service

Underground storage tanks

4.3.17.1. (1) When underground **storage tanks** will be out of service for a period not exceeding 180 days,

- (a) the liquid level in the **storage tank** shall be measured at intervals not greater than one month and a record of such measurements shall be retained for **inspection**,
- (b) fill pipe covers and covers over openings to measure liquid levels, dispensers and power controls shall be kept locked when not in use, and
- (c) vent piping shall be kept open.

(2) Except as provided in Sentence (3), when underground **storage tanks** will be out of service for a period exceeding 180 days,

- (a) the **storage tanks**, connected piping and dispensers shall be emptied of Class I liquid,
- (b) the **storage tanks**, piping and dispensers shall be refilled with a Class II or IIIA liquid, or not less than 1 kg of dry ice for each 500 L of tank capacity shall be added to the **storage tank**,
- (c) measurements of the liquid level of each **storage tank** containing a Class II or IIIA liquid shall be made at intervals not greater than one month, and a record of such measurements shall be retained for **inspection**, and
- (d) fill pipe covers and covers over openings to measure liquid levels, dispensers and power controls shall be locked.

(3) Where underground **storage tank** facilities are operated on a seasonal basis,

- (a) at the close of each season of operation,
 - (i) the liquid level of each **storage tank** shall be measured,
 - (ii) a record of such measurements shall be retained for **inspection**, and
 - (iii) all fill pipe covers and covers over openings for measuring liquid levels, dispensers and power controls shall be locked, and
- (b) prior to the start of an operating season,
 - (i) the liquid level in each **storage tank** shall be measured,
 - (ii) the measurements shall be compared with those recorded at the close of the previous season, and
 - (iii) when a loss of liquid or water intrusion is apparent, immediate action shall be taken to determine and correct the condition.

(4) Where a **storage tank** has been out of service for more than 12 months, the tank and piping shall be **tested** for leakage in conformance with Subsections 4.3.15. and 4.4.6.

Aboveground storage tanks

4.3.17.2. (1) When an aboveground **storage tank** will be out of service or unsupervised for a period not exceeding 180 days, the piping from the tank shall be capped or the valves necessary to achieve similar isolation of the tank shall be closed and securely locked.

(2) When a **storage tank** referred to in Sentence (1) contains **flammable liquids** or **combustible liquids**, the liquid level in the tank shall be measured and the readings compared at intervals not greater than one month.

(3) Where an aboveground **storage tank** will be out of service or unsupervised for a period exceeding 180 days,

- (a) all liquid and vapours shall be removed from the **storage tank** and its connected piping, and
- (b) the **storage tank** markings shall clearly indicate that the tank is empty.

Disposal

4.3.17.3. Where a **storage tank** is to be permanently disposed of, sufficient openings shall be cut in the tank to render it unfit for further use.

Removal

4.3.17.4. (1) When underground **storage tanks** have no further use or have been out of service for two years or longer, such tanks, together with connected piping and dispensers, shall

- (a) have all **flammable liquids** and **combustible liquids** removed from them,
- (b) be purged of vapours, and
- (c) except as permitted in Article 4.3.17.5., be removed from the ground.

(2) If contaminated, soil surrounding the **storage tanks** described in Sentence (1) shall be replaced with clean fill.

Abandonment in place

4.3.17.5. (1) Where the **Chief Fire Official** determines that it is impractical to remove an underground **storage tank** described in Sentence 4.3.17.4.(1), such tank shall be filled with an inert material.

(2) Where the **Chief Fire Official** determines that it is impractical to remove underground piping described in Sentence 4.3.17.4.(1), such piping shall have the ends permanently sealed by capping or plugging.

Corrosion protection

4.3.17.6. Corrosion protection systems shall be maintained in operating condition when a **storage tank** is temporarily out of service and during seasonal shutdowns.

SECTION 4.4 PIPING AND TRANSFER SYSTEMS

Subsection 4.4.1. Application

Application

4.4.1.1. (1) This Section applies to piping and transfer systems for **flammable liquids** and **combustible liquids**.

- (2) Except where otherwise stated in this Part, this Section shall not apply to the following:
 - (a) tubing or casings and piping for oil or gas wells,
 - (b) transmission pipelines,
 - (c) piping for vehicles, aircraft, watercraft and portable or stationary engines,
 - (d) piping systems in **fuel dispensing stations** and **distilleries**, and
 - (e) piping within the scope of the applicable provincial **boiler** and **pressure vessel** codes.

Subsection 4.4.2. Materials for Piping, Valves and Fittings

Materials

4.4.2.1. (1) Piping systems that contain **flammable liquids** or **combustible liquids** shall be made of materials that are suitable for the maximum anticipated working pressures and operating temperatures and for the chemical properties of the contained liquid.

- (2) Subject to Sentence (3), piping systems shall not be made of materials that
 - (a) are subject to failure from internal stress or rupture by mechanical damage, or
 - (b) are subject to failure in fires because they are combustible or have a low melting point.

(3) Non-metallic piping systems may be used for underground installations if they comply with CAN/ULC-S660, “Standard for Nonmetallic Underground Piping for Flammable and Combustible Liquids”.

(4) If steel piping is used, it shall comply with

- (a) API 5L, “Line Pipe”,
- (b) ASTM A53/A53M, “Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless”, or
- (c) CSA Z245.1, “Steel Pipe”.

(5) If service pressures exceeding 875 kPa (gauge) may occur, piping and fittings shall be designed in accordance with ASME B31.3, “Process Piping”.

(6) Underground piping systems shall include piping in tank sumps, transition sumps and dispenser sumps.

Special materials

4.4.2.2. Where problems of corrosion, contamination or sanitation or standards of purity require special materials, it is permitted to use non-metallic materials for piping, valves and fittings in conformance with Article 4.1.1.4.

Underground piping system construction

4.4.2.3. (1) Underground piping systems shall be of double-walled construction.

(2) Sentence (1) does not apply to vent risers and vertical fill piping systems.

(3) In-service underground piping systems that do not comply with Sentence (1) may remain in-service if the piping does not leak and if the piping system met the requirements of this Code on December 31, 2014, as it read on that day.

Subsection 4.4.3. Corrosion Protection of Piping Systems

Corrosion protection

4.4.3.1. (1) Except as provided in Sentence (2), all exposed or underground piping, valves, couplings, flanges and bolts that are fabricated of any ferrous substance shall be thoroughly coated with a rust-resistant compatible material.

(2) Underground metallic piping systems in contact with the soil or groundwater shall be protected against corrosion in accordance with

- (a) CAN/ULC-S603.1, “External Corrosion Protection Systems for Steel Underground Tanks for Flammable and Combustible Liquids”, or
- (b) NACE SP0169, “Control of External Corrosion on Underground or Submerged Metallic Piping Systems”.

Subsection 4.4.4. Identification of Piping Systems

Identification

4.4.4.1. (1) Pipelines for **flammable liquids** or **combustible liquids** shall be marked with the contents of the line, and these markings shall be maintained in a clearly legible form.

(2) Piping for **flammable liquids** or **combustible liquids** shall not be painted red.

(3) Transfer points in piping systems for **flammable liquids** and **combustible liquids** shall be identified in conformance with CPPI, “Using the CPPI Colour-Symbol System to Mark Equipment and Vehicles for Product Identification”, or to CAN/CGSB-24.3, “Identification of Piping Systems”.

Documentation

4.4.4.2. (1) Documentation on piping systems for **flammable liquids** or **combustible liquids**, including tank and pumping arrangements, shall be made available to the **fire department** upon request.

(2) Documents referred to in Sentence (1) shall be kept at two separate locations so that one copy remains readily available in the event the other is inaccessible due to fire.

Subsection 4.4.5. Joints in Piping Systems

Threaded joints

4.4.5.1. Threaded joints in piping systems for **flammable liquids** or **combustible liquids** shall be made using joint compound or polytetrafluoroethylene tape conforming to CAN/ULC-S642, “Standard for Compounds and Tapes for Threaded Pipe Joints”.

Welded piping

4.4.5.2. (1) Welding of piping for **flammable liquids** or **combustible liquids** shall comply with Section 5.17 and

- (a) API 1104, “Welding of Pipelines and Related Facilities”, or
- (b) API RP 1107, “Recommended Pipeline Maintenance Welding Practices”.

(2) Flanged joints for piping shall be provided in welded systems at intervals that will facilitate dismantling and avoid subsequent in place hot work operations.

Flanged joints

4.4.5.3. (1) Subject to Sentence (2), flanged joints for piping shall be made with forged or cast steel flanges designed, constructed and installed in accordance with ASME B16.5, “Pipe Flanges and Flanged Fittings NPS ½ Through NPS 24 Metric/Inch Standard”.

(2) Bronze flanges for 50 mm diameter or smaller size piping referred to in Article 4.4.5.2. are permitted to be used where copper and brass piping is permitted.

Bolting materials

4.4.5.4. Bolting materials for flanged connections in steel piping systems for **flammable liquids** or **combustible liquids** shall be of alloy steel equivalent to “ASTM A193/A193M, “Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications”, Grade B-7.

Gaskets

4.4.5.5. Gaskets in flanged connections shall be of a material resistant to the liquid being carried and capable of withstanding temperatures of at least 650°C without damage that would impair its function.

Mechanical connections

4.4.5.6. (1) Where underground piping systems have no secondary containment, mechanical connections shall

- (a) be readily accessible for **inspection** and maintenance, and
- (b) not be in direct contact with the soil.

Subsection 4.4.6. Leakage Testing of Piping Systems

Leakage testing

4.4.6.1. (1) Piping systems including those at **fuel dispensing stations** shall be **tested** for leakage in conformance with Sentences (2) and (3)

- (a) whenever a leak is suspected, and
- (b) at the time of installation
 - (i) before backfilling in the case of underground piping, or
 - (ii) before putting into service in the case of exposed piping.

(2) In-service exposed piping systems may be visually **inspected** for leakage in accordance with Article 4.4.11.5.

(3) When exposed piping systems are subjected to a pneumatic leakage **test**,

- (a) it shall be in conformance with Article 4.4.6.4., and
- (b) the piping, including the joints, shall be soaped to assist in the detection of leaks.

* 4.4.6.2. RESERVED

Remedial action

4.4.6.3. If a leak is detected in a piping system during the leakage **test**, the piping system shall be repaired or replaced and the escaped liquid shall be removed in conformance with Subsection 4.1.6.

Pneumatic leakage tests

4.4.6.4. (1) Piping systems referred to in Sentence 4.4.6.1.(3) shall be considered to be leaking when the **test** indicates a pressure drop or a volume loss within a 2 h period after steady temperature conditions have been established and the source of pressure had been removed.

(2) Pressure measurements referred to in Sentence (1) shall be obtained by using instruments calibrated in increments of not more than

- (a) 4 kPa for **test** pressures up to 700 kPa (gauge), and
- (b) 1% of the **test** pressure where it exceeds 700 kPa (gauge).

Test pressures

4.4.6.5. (1) Except as provided in Sentences (2) and (3) and Article 4.4.6.6., piping systems shall be pressure **tested** at pressures of not less than 350 kPa (gauge) or 1.5 times the maximum operating pressure, whichever is greater.

(2) **Test** pressures exceeding 700 kPa (gauge) shall not be used except when the piping system is designed for such pressures.

(3) Where **test** pressures exceed the design pressures for pumps or similar components included in the piping system being **tested**, such pumps or components shall be isolated from the remainder of the system.

Class I liquids as a test medium

4.4.6.6. Class I liquids shall not be used for pressure **testing** of piping systems, except that piping normally containing Class I liquids under pressure is permitted to be **tested** with such liquids at pressures not exceeding their maximum operating pressures.

Leakage detection

4.4.6.7. When an underground piping system is provided with continuous leakage detection, it shall be in conformance with ULC/ORD-C107.12, "Line Leak Detection Devices for Flammable Liquid Piping".

Subsection 4.4.7. Location and Arrangement of Piping

Location

4.4.7.1. (1) Piping shall be installed outdoors whenever possible and located so it will not create a hazard to **buildings** or equipment.

(2) Where piping for **flammable liquids** or **combustible liquids** is installed within a **building**, the length of piping shall be as direct and as short as practicable.

(3) No portion of a piping system shall be used in a manner that could cause damage to the piping system.

(4) Piping systems shall be used only for the transfer of products.

Supports for aboveground outdoor piping

4.4.7.2. (1) Aboveground outdoor piping shall be supported and arranged to prevent excessive vibration and stress on equipment connected to it.

**PART 5
HAZARDOUS MATERIALS, PROCESSES AND OPERATIONS**

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SECTION 5.1 GENERAL

Subsection 5.1.1. Application

Application

5.1.1.1. This Part applies to materials, processes and operations that involve a risk from explosion or high flammability, or otherwise create a hazard to life safety or health.

Subsection 5.1.2. Means of Egress

Means of egress

5.1.2.1. Hazardous materials, processes and operations shall be located and the premises maintained so that the **means of egress** will not be obstructed in any manner that would interfere with evacuation of the **floor area** in the event of a fire.

Subsection 5.1.3. Electrical Installations

Electrical installations

5.1.3.1. Electrical installations shall conform to the **Electrical Safety Code** made under the **Electricity Act, 1998**.

Subsection 5.1.4. Ventilation

Ventilation requirements

5.1.4.1. Ventilation shall be provided for hazardous locations and processes in conformance with the **Building Code** and the requirements of this Part.

* *Ventilation of processes using flammable gas*

5.1.4.2. (1) Subject to Sentence (2), operations involving the use of flammable gas shall be provided with continuous mechanical ventilation that

- (a) is sufficient to ensure that flammable gas concentrations outside any zone identified as Class I, Zone 2 in accordance with the **Electrical Safety Code** made under the **Electricity Act, 1998**, do not exceed 25% of the **lower explosive limit** of the flammable gas,
- (b) contains automatic interlocks so that the processes using flammable gas cannot be performed when the ventilation system is not in operation,
- (c) is provided with an audible alarm in an attended area that activates upon shutdown of the ventilation system,
- (d) conforms to NFPA 91, "Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists and Noncombustible Particulate Solids",
- (e) is not used for any purpose other than ventilation and exhaust,
- (f) is kept free of obstructions that may interfere with its operation, and
- (g) if it recirculates exhaust air, is provided with a fail-safe gas detection and alarm system that continuously monitors the flammable gas concentration in the exhaust air, so that if the flammable gas concentration in the exhaust air exceeds 25% of the **lower explosive limit**, the system will
 - (i) sound an alarm in an attended area,
 - (ii) stop the recirculation of air, and
 - (iii) redirect the exhaust air to an outdoor location.

(2) Sentence (1) does not apply to operations where flammable gas is only used as a fuel.

SECTION 5.2 EXPLOSIVES, FIREWORKS AND PYROTECHNICS

Subsection 5.2.1. General

Interpretation

5.2.1.1. In this Subsection,

“**Act**” means the **Explosives Act (Canada)**;

“**Regulations**” means the **Explosives Regulations** made under the **Explosives Act (Canada)**.

Manufacture, storage, handling, transportation, sale and use

5.2.1.2. The manufacture, storage, handling, transportation, sale and use of explosives shall meet the requirements of the **Act** and the **Regulations**.

Fire emergency procedures

5.2.1.3. (1) Subject to Sentence (2), no explosives shall be manufactured, stored, handled, transported, sold or used unless fire emergency procedures are established in accordance with Section 2.8 and such procedures specify

- (a) the location and identification of storage and handling areas,
- (b) the methods to control a fire emergency safely and efficiently, and
- (c) the names, addresses and telephone numbers of persons to be contacted in case of fire during non-operating hours.

(2) Sentence (1) does not apply to

- (a) the use of consumer fireworks (type F.1, as designated by the **Act** and **Regulations**),
- (b) the use of small arms cartridges (type C.1, as designated by the **Act** and the **Regulations**),
- (c) the storage of consumer fireworks (type F.1, as designated by the **Act** and the **Regulations**) in **dwelling units**, or
- (d) the storage of small arms cartridges (type C.1, as designated by the **Act** and the **Regulations**) in **dwelling units**.

Handling and discharge of fireworks and pyrotechnics

5.2.1.4. The handling and discharge of fireworks and pyrotechnics shall comply with NRCan, “Display Fireworks Manual” and NRCan, “Pyrotechnics Special Effects Manual”.

SECTION 5.3 RESERVED

SECTION 5.4 CELLULOSE NITRATE PLASTICS

Subsection 5.4.1. Displays

Advertising displays

5.4.1.1. Displays of cellulose nitrate plastic articles in stores that are not in showcases or show windows shall be displayed only when placed on tables or counters not more than 1 m wide and 3 m long, and the spaces underneath the tables or counters shall be kept free of combustible materials.

Lighting fixtures

5.4.1.2. Lighting fixtures shall not be located adjacent to any cellulose nitrate plastic material so as to create a possible ignition hazard.

Subsection 5.4.2. Manufacture

Storage of raw materials

5.4.2.1. Raw materials used in the manufacture of cellulose nitrate plastics shall be stored only in areas reserved for that purpose.

Storage in cabinets

5.4.2.2. Not more than 450 kg of raw material used for the manufacture of finished cellulose nitrate plastic goods shall be stored in cabinets in any one workroom, not more than 225 kg stored in any one cabinet and not more than 112 kg in any one compartment of the cabinet.

Storage in vented vaults

5.4.2.3. Raw material in excess of that permitted in Article 5.4.2.2. shall be kept in vented vaults not exceeding 40 m³ capacity and protected with an automatic sprinkler system installed in conformance with NFPA 13, "Standard for the Installation of Sprinkler Systems".

Accumulation of materials in workrooms

5.4.2.4. In factories manufacturing articles of cellulose nitrate plastics, **sprinklered** and vented cabinets, vaults or storage rooms shall be provided to prevent the accumulation of excessive quantities of such material in workrooms.

Stationing of operators

5.4.2.5. In the workrooms of factories where cellulose nitrate plastics are being processed, operators shall be stationed not closer than 1 m apart.

Storage in work areas

5.4.2.6. Material for the manufacture of cellulose nitrate plastic articles that is not kept in containers may be placed on tables, workbenches or at machines provided the quantity does not exceed one day's supply.

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(2) A sign shall be conspicuously posted near the detearing area indicating the minimum clearance space required.

Drip plates and screens

5.14.4.6. Drip plates and screens subject to paint deposits shall be removable for cleaning.

Insulating and grounding

5.14.4.7. High voltage components shall be insulated and protected against mechanical damage and accidental contact or grounding.

Automatic grounding

5.14.4.8. An automatic means shall be provided for grounding the electrode system when it is de-energized.

Precautions against shock

5.14.4.9. High voltage circuits shall be designed so that any discharge will not ignite vapour-air mixtures or create a shock hazard.

Subsection 5.14.5. Automobile Undercoating

Spray operations

5.14.5.1. Automobile undercoating spray operations shall conform to the requirements of Section 5.12 or to the requirements in this Subsection.

Undercoating materials

5.14.5.2. (1) Automobile undercoating materials shall have a **flash point** of not less than 37.8°C.

(2) Where the **flash point** of an automobile undercoating is less than 60°C, it shall be applied in a work area where

- (a) there are no work pits,
- (b) there is a fan, that provides mechanical ventilation during the application, cleaning and drying cycles,
 - (i) with nonferrous blades, or so constructed that a movement of the wheel or shaft will not permit two ferrous parts of the fan to rub or strike, and
 - (ii) that ensures that the concentration of vapour does not exceed 25% of the **lower explosive limit**,
- (c) air movement from the air intake and exhaust system is along the length of the vehicle being undercoated, and
- (d) air is exhausted at a level approximately 1 m above the floor.

Ignition sources

5.14.5.3. (1) Work stations in Article 5.14.5.2. shall have no source of ignition located within 6 m horizontally of the work area or in the area above it.

(2) Signs prohibiting smoking that conform to Article 2.4.3.2. shall be posted at the outer limits of the work area.

Electrical installations

5.14.5.4. Except for overhead lighting that is totally enclosed and sealed with gaskets, electrical wiring and equipment within the area of hazard described in Article 5.14.5.3. shall conform to Article 5.1.3.1.

Storage and handling

5.14.5.5. The storage and handling of **flammable liquids** and **combustible liquids** shall be in conformance with Part 4.

Portable extinguishers

5.14.5.6. Portable extinguishers shall be located so that there is one portable extinguisher having a 20B:C rating immediately accessible to each work station described in Article 5.14.5.2.

Refuse disposal

5.14.5.7. All areas where automobile undercoating is used shall be kept clean of undercoating deposits and refuse, which shall be placed in covered metal receptacles.

Subsection 5.14.6. Dry Powder-Coating Using Fluidized Beds

Application and location

5.14.6.1. (1) This Subsection applies to coating operations involving the use of combustible dry powders applied by fluidized beds or electrostatic fluidized beds.

- (2) Coating operations referred to in Sentence (1) shall be performed in
- (a) ventilated and enclosed powder-coating rooms of **noncombustible construction**, or
 - (b) ventilated and enclosed powder-coating enclosures of **noncombustible construction**.

(3) Protective finishing systems are deemed to satisfy the requirements of this Subsection if they comply with Article 5.1.3.1. and the design, operation and maintenance requirements in NFPA 33, "Standard for Spray Application Using Flammable or Combustible Materials".

Location of electrical equipment

5.14.6.2. With the exception of charging electrodes and their connections, transformers, power packs, control apparatus and all other electrical components shall be located outside the powder-coating area.

Working temperatures

5.14.6.3. (1) Where a part to be coated is preheated prior to the application of the powder, the temperature of the part shall not exceed the ignition temperature of the powder being used.

- (2) The surface temperature of electrostatic fluidized bed coating areas shall not exceed 66°C.

Grounding

5.14.6.4. (1) Powder transport, application and recovery equipment shall be grounded.

(2) Electrically conductive objects within the charging influence of the electrodes of electrostatic fluidized beds shall be grounded.

(3) A sign shall be posted indicating the necessity of grounding equipment and objects identified in Sentences (1) and (2).

Electrical discharges

5.14.6.5. High voltage circuits in electrostatic fluidized beds shall be designed so that any discharge produced when the charging electrodes of the bed are approached or contacted by a grounded object will not be of sufficient intensity to ignite any powder-air mixture likely to be encountered or result in any appreciable shock hazard.

Handling of spark-producing materials

5.14.6.6. Means shall be provided to prevent tramp iron or other spark-producing materials from being introduced into the powders being applied.

Recovery systems

5.14.6.7. All waste air-suspended powders shall be removed by exhaust ducts to a powder recovery system and shall not be released to the outside atmosphere.

Waste dust removal

- * 5.14.6.8. Accumulations of waste dust from dry powder finishes shall be removed using the methods set out in Article 5.10.1.2.

Contact points

5.14.6.9. Objects being coated shall be maintained in contact with the conveyor or other support.

Hangers

5.14.6.10. Hangers for objects being coated shall be kept clean and have sharp points or edges at areas of contact.

Smoking prohibited

5.14.6.11. (1) Smoking shall not take place in powder-coating areas and in powder storage rooms.

(2) Signs prohibiting smoking that conform to Article 2.4.3.2. shall be conspicuously posted at all powder-coating areas and powder storage rooms.

Subsection 5.14.7. Organic Peroxides and Dual Component Coatings***Location of spraying operations***

5.14.7.1. Spraying operations involving the use of organic peroxides and other dual component coatings shall be conducted in **sprinklered spray booths** as described in Sentence 5.12.8.2.(1).

Initiator storage

5.14.7.2. Organic peroxide initiators shall be stored so that they will be kept away from contact with other stored materials.

Handling equipment

5.14.7.3. Handling equipment, including spray guns, which is specifically designed for use with organic peroxides shall be used to apply such coatings.

Containers

5.14.7.4. Separate containers shall be used exclusively for the storage of resin and organic peroxide.

Pressure tank inserts

5.14.7.5. Organic peroxide pressure tank inserts shall be constructed of stainless steel, polyethylene or a material that is equally inert to organic peroxide.

Elimination of foreign materials

5.14.7.6. Precautions shall be taken to prevent any mixing of foreign materials with dusts or overspray residues resulting from the sanding or spraying of finishing materials containing organic peroxides.

Subsection 5.14.8. Floor Finishing***Application***

5.14.8.1. Floor finishing operations involving the use of **flammable liquids** or **combustible liquids** shall conform to Part 4 and this Subsection.

Operations below grade

5.14.8.2. Floor finishing operations involving the use of **flammable liquids** shall not be performed below **grade**.

Public access

5.14.8.3. Any part of a **building** where floor finishing operations are done shall not be open to the public.

Ventilation

5.14.8.4. (1) Ventilation shall be provided in areas where floor finishing operations are done to prevent the accumulation of flammable vapours.

(2) Ventilation required in Sentence (1) is permitted to be provided by mechanical systems if their use does not constitute a source of ignition.

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Prohibited activities during flammable liquid application

- 5.14.8.5. (1) During the application of **flammable liquids** and for at least 1 h after such application
- (a) all mechanical systems, electric motors, and other equipment that might be a source of ignition shall be shut down,
 - (b) smoking shall not take place, and
 - (c) open flames shall not be used.

Waste receptacles

5.14.8.6. A receptacle conforming to Sentence 2.4.1.3.(3) shall be provided for all waste rags and materials used in operations involving **flammable liquids** or **combustible liquids**, and the contents shall be removed daily and disposed of in a manner that will not create a fire hazard.

Subsection 5.14.9. Bowling Alleys

Application

5.14.9.1. This Subsection applies to bowling alleys.

Notification

5.14.9.2. The **Chief Fire Official** shall be notified when bowling alleys are to be resurfaced.

Floor finishing

5.14.9.3. Floor finishing operations shall be carried out in accordance with Subsection 5.14.8.

Pin refinishing

- 5.14.9.4. (1) Pin refinishing shall be carried out
- (a) in a **building** provided for that purpose, or
 - (b) in a room at or above **grade** separated from the **building** it is located in by a **fire separation** having a **fire-resistance rating** not less than 1 h.

Smoking prohibited

- 5.14.9.5. (1) Smoking shall not take place in a room where pin refinishing occurs.
- (2) Signs prohibiting smoking that meet the requirements of Article 2.4.3.2. shall be conspicuously posted in any place where pin refinishing occurs.

Flammable and combustible liquids

5.14.9.6. The storage, handling and use of **flammable liquids** and **combustible liquids** shall meet the requirements of Part 4.

5.14.9.7. (1) During the pin refinishing process, a receptacle that complies with Sentence 2.4.1.3.(3) shall be provided for waste rags and materials used in operations involving flammable finishes or solvents.

(2) The contents of each receptacle referred to in Sentence (1) shall be removed daily and disposed of in an **approved** manner.

Subsection 5.14.10. Drycleaning and Dyeing Plants

Application

- 5.14.10.1. (1) Drycleaning plants shall comply with NFPA 32, "Standard for Drycleaning Plants".
- (2) Despite Sentence (1) and subject to Article 5.14.10.2., **flammable liquids** shall not be used for any purpose in drycleaning and dyeing plants.

Use and storage of flammable liquids

- 5.14.10.2. (1) **Flammable liquids** may be used as a local application to remove spots and stains if the liquids
- (a) are stored in containers that have a capacity of not more than 1 L,

- (b) do not exceed more than 25 L in aggregate quantity, and
- (c) are dispensed from plastic containers that have a capacity of not more than 0.5 L.

(2) Despite Sentence (1), existing drycleaning plants and dyeing plants may be **approved** if the **Chief Fire Official** is satisfied that the level of fire safety specified in Sentence (1) is provided.

* **Subsection 5.14.11. Hazardous Extraction Operations**

Application

5.14.11.1. This subsection applies to **hazardous extraction** operations.

Prohibited locations

5.14.11.2. A **hazardous extraction** operation shall not be performed

- (a) in a **basement**, or
- (b) in a **building** containing a **residential occupancy**.

SECTION 5.15 RADIOACTIVE NUCLEAR SUBSTANCES

Subsection 5.15.1. Application

Application

5.15.1.1. This Section applies to the storage and handling of any radioactive nuclear substance that is present in a quantity that exceeds the exemption quantity as defined in Section 1 of the **Nuclear Substances and Radiation Devices Regulations** made under the **Nuclear Safety and Control Act (Canada)**.

Subsection 5.15.2. Storage

5.15.2.1. Radioactive nuclear substances and equipment shall be returned to storage after use.

Storage

5.15.2.2. Radioactive nuclear substances shall be stored in accordance with the licence requirements and regulations of the Canadian Nuclear Safety Commission.

Prohibited combination

5.15.2.3. Radioactive nuclear substances and equipment shall not be stored with flammable or corrosive materials.

Subsection 5.15.3. Emergency Procedures

Fire emergency procedures

5.15.3.1. (1) Persons using or storing radioactive nuclear substances shall establish fire emergency procedures in consultation with the **fire department**, including

- (a) the location and identification of storage and use areas,
- (b) methods to control a fire emergency and to recover radioactive nuclear substances and equipment containing radioactive nuclear substances safely and efficiently,
- (c) the names, addresses and telephone numbers of primary and alternative sources of expert radiation safety advice and assistance, and
- (d) the location of primary and alternative sources of radiation survey instruments.

SECTION 5.16 FUMIGATION AND THERMAL INSECTICIDAL FOGGING

Subsection 5.16.1. Application

Application

5.16.1.1. (1) This Section applies to the fumigation or thermal fogging of **buildings** where this activity creates a fire or explosion hazard, including the fumigation of equipment or commodities within structures, tanks or bins or under tarpaulins.

(2) Articles 5.16.2.1. and 5.16.2.2. do not apply to industries that conduct frequent fumigation operations on a routine basis where **approved** prior to the conducting of the operations.

Subsection 5.16.2. Safety Precautions

Notification of fire department

5.16.2.1. (1) Except as permitted in Sentence 5.16.1.1.(2), the **fire department** shall

- (a) be notified in writing at least 24 h before any **building** is to be closed for fumigation, and
- (b) be advised of the chemicals to be used, the proposed date and time of use, the types of respiratory protective devices required and the degree of flammability of the fumigant or fog being used.

Notification of adjacent premises

5.16.2.2. Except as permitted in Sentence 5.16.1.1.(2), prior notice shall be given to the occupants of any premises adjacent to that in which fumigation or thermal insecticidal fogging is to take place.

Ignition sources

5.16.2.3. Flames and other sources of ignition shall be eliminated in a **building** undergoing fumigation or thermal insecticidal fogging.

Power supply

5.16.2.4. Electric power supply shall be shut off to the premises undergoing fumigation or thermal insecticidal fogging.

Air temperature

5.16.2.5. The air temperature in a **building** undergoing fumigation or thermal insecticidal fogging shall be kept sufficiently low to prevent the actuation of any sprinkler system.

Breathing apparatus

5.16.2.6. Protective breathing apparatus shall be made available at the premises undergoing fumigation or thermal insecticidal fogging for all persons in case of emergency.

Restricted entrance

5.16.2.7. (1) No unauthorized person shall be permitted to enter a premises undergoing fumigation or thermal insecticidal fogging until the premises has been ventilated and is safe.

(2) Warning signs shall be posted in a conspicuous location near every entrance to the premises being fumigated.

(3) One person shall be on duty at each entrance to the premises undergoing fumigation or thermal insecticidal fogging to prevent any unauthorized person from entering until such premises have been ventilated.

SECTION 5.17 HOT WORKS

Subsection 5.17.1. Application

Application

5.17.1.1. This Section applies to hot works that use open flames or produce heat or sparks, including cutting, welding, soldering, brazing, grinding, adhesive bonding, thermal spraying and thawing pipes.

Same

5.17.1.2. The installation, operation and maintenance of hot work equipment shall comply with CAN/CSA-W117.2, "Safety in Welding, Cutting and Allied Processes" and meet the requirements of this Section.

Subsection 5.17.2. Use and Maintenance of Equipment

Fuel gases

5.17.2.1. The operation of acetylene generating systems and the storage and generation of hot work fuel gases shall comply with NFPA 51, "Standard for Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting and Allied Processes".

Piping

5.17.2.2. Acetylene gas shall not be piped through copper or high copper content alloy, tubing, piping or fittings.

Cylinder storage

5.17.2.3. Cylinders stored inside **buildings** shall conform to the requirements in Section 5.6.

Cylinder caps and valves

5.17.2.4. Gas fuel cylinders, whether full or empty, whose valves are not in a recessed or protected location shall have their caps in place and their valves tightly closed when not in actual use.

Damaged equipment

5.17.2.5. Torches, regulators, hoses and other oxyacetylene hot work equipment which have been damaged shall not be used.

Equipment inspection

5.17.2.6. (1) Hot work equipment shall be **inspected** daily or prior to use for defects by personnel in charge of the equipment.

(2) Hot work equipment shall be **tested** monthly for leaks with a leak **test** solution.

(3) Leaks or defects found in hot work equipment shall be repaired prior to use.

Equipment not in use

5.17.2.7. Valves shall be closed and lines bled when equipment is not in actual use.

Lubrication

5.17.2.8. Oil or grease shall not be used for lubrication of hot work equipment.

Subsection 5.17.3. Prevention of Fires

Location of operations

5.17.3.1. (1) Hot work operations in **buildings** shall be carried out in areas that

(a) are free of combustible and flammable contents, and

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- (b) have walls, ceilings and floors of **noncombustible construction** or that are lined with noncombustible materials.

(2) When it is not practical to undertake hot work operations in areas described in Sentence (1), combustible and flammable materials shall either be kept at least 1.1 m from the work area or otherwise protected against ignition by sheet metal, asbestos blankets or other noncombustible material.

(3) Any process or activity that produces flammable gases or vapours, **combustible dusts** or **combustible fibres** in quantities sufficient to create a fire or explosion hazard shall be interrupted and the hazardous conditions shall be removed before any hot work is carried out.

Work adjacent to piping

5.17.3.2. When hot work is to be carried out near piping containing flammable gas, the section of the piping located within 1 m of the torch shall be covered with wet noncombustible insulating material 6 mm thick.

Work on containers

5.17.3.3. (1) Hot work shall not be performed on containers, equipment, or piping containing **flammable liquids, combustible liquids** or flammable gases unless

- (a) they have been cleaned and **tested** with a **listed** gas detector, such as one conforming to CSA C22.2 No. 152, “Combustible Gas Detection Instruments”, to ascertain that they are free of explosive vapours, or
- (b) safety measures are taken in conformance with good engineering practice.

(2) Hot work operations shall not be undertaken on a totally enclosed container.

(3) At least one portable extinguisher conforming to Section 6.2 shall be provided in the hot work area.

SECTION 5.18 INDUSTRIAL OVENS FOR BAKING AND DRYING PROCESSES

Subsection 5.18.1. Application

Application

5.18.1.1. This Section applies to industrial baking and drying ovens which during operation contain flammable vapours given off by the products being baked or dried.

Subsection 5.18.2. Location

Prohibited location

5.18.2.1. Ovens shall not be located in any **storey** below **grade**.

Subsection 5.18.3. Construction

Oven materials

5.18.3.1. Industrial ovens shall be constructed of noncombustible materials with smooth interior surfaces to permit cleaning.

Limiting temperature on combustible construction

5.18.3.2. The roof and floor of ovens and heaters and associated ductwork shall have sufficient clearance or be insulated where necessary to prevent the temperature from exceeding 90°C at any combustible part of the **building** assembly.

Explosion vents

5.18.3.3. (1) Explosion vents shall be provided for ovens where fuel or vapour hazards are present.

(2) Explosion vents shall be designed in accordance with NFPA 68, “Standard on Explosion Protection by Deflagration Venting”.

(3) Existing explosion vents that provide a vent ratio of 0.2 m² of vent area for each cubic metre of oven volume are deemed to satisfy the vent ratio for the purposes of NFPA 68 in Sentence (1).

(4) Openings or access doors equipped with explosion release hardware shall be acceptable as explosion vents.

Duct and stack restrictions

- 5.18.3.4. (1) Ducts, stacks and associated insulation in systems for the removal of flammable vapours shall
- (a) be constructed of noncombustible materials,
 - (b) not pass through **firewalls**, and
 - (c) discharge outdoors not less than
 - (i) 1.5 m from unprotected **building** openings, and
 - (ii) 6 m from air intake openings.

Subsection 5.18.4. Ventilation

Oven ventilation

5.18.4.1. Ovens in which flammable vapours may be present or through which products of combustion are circulated shall be ventilated in accordance with NFPA 86, “Standard for Ovens and Furnaces”.

Fan interlocks

5.18.4.2. (1) In ovens where flammable vapours may be present, interlocks shall be provided to ensure that energy sources and ignition devices are de-activated when

- (a) the ventilating fans stop, or
- (b) the excess temperature controls are activated.

Continuous-process oven interlocks

5.18.4.3. (1) In continuous-process ovens where flammable vapours may be present, interlocks shall be provided to ensure

- (a) that ventilating fans are operating before conveyors can be started, and
- (b) that the conveyors are stopped when
 - (i) the ventilating fans stop, or
 - (ii) the excess temperature controls are activated.

Subsection 5.18.5. Maintenance

Cleaning of ovens and ductwork

5.18.5.1. (1) Ovens and associated ductwork shall be **inspected**, cleaned and maintained internally and externally at intervals sufficient to prevent the accumulation of combustible deposits.

(2) Access doors or panels shall be provided to permit **inspection**, cleaning and maintenance of ovens and associated ductwork.

(3) Fixed noncombustible ladders, steps or grab rails shall be provided to permit access to the doors or panels required in Sentence (2).

Subsection 5.18.6. Fire Protection

Portable extinguishers

5.18.6.1. Portable extinguishers shall be provided in conformance with Section 6.2.

Standpipe and hose systems

5.18.6.2. A standpipe and hose system shall be installed in conformance with the **Building Code** and equipped with spray nozzles so that all parts of an oven structure can be reached by a hose stream.

FIRE CODE

Fire access doors

5.18.6.3. Doors or other means of access shall be provided in ovens and associated ductwork so that portable extinguishers or hose streams may be used in all parts of the equipment.

Automatic fire protection

5.18.6.4. Ovens containing or processing sufficient combustible materials to sustain a fire shall be protected by an automatic sprinkler system or other fixed extinguishing systems.

Extinguishers for combustible metal fires

6.2.6.16. (1) For fires involving combustible metals, extinguishers or extinguishing agents with **Class D fire** ratings suitable for the combustible metal shall be provided.

(2) Extinguishing equipment shall be located not more than 25 m from the **Class D fire** hazard.

Subsection 6.2.7. Inspection, Testing and Maintenance

6.2.7.1. (1) Maintenance and **testing** of portable extinguishers shall be in conformance with NFPA 10, “Portable Fire Extinguishers”.

(2) Portable extinguishers that are **inspected** in conformance with NFPA 10, “Portable Fire Extinguishers”, are deemed to satisfy the **inspection** requirements of this Subsection.

Examination

6.2.7.2. Portable extinguishers shall be **inspected** monthly.

Defective extinguishers

6.2.7.3. Portable extinguishers having defects shall be repaired and, if necessary, recharged to ensure the extinguishers will operate effectively and safely.

Tags

6.2.7.4. (1) Each portable extinguisher shall have a tag securely attached to it showing the maintenance or recharge date, the servicing agency and the signature of the person who performed the service.

(2) Sentence (1) does not apply where other **approved** records are maintained that show the maintenance or recharge date, the servicing agency and the signature of the person who performed the service.

Maintenance records

6.2.7.5. A permanent record containing the maintenance date, the examiner’s name and a description of any maintenance work or hydrostatic **testing** carried out shall be prepared and maintained for each portable extinguisher.

Maintenance after use

6.2.7.6. Portable extinguishers shall be replaced or recharged after use in conformance with instructions given on the extinguisher nameplate.

6.2.7.7. Extinguisher shells, cartridges or cylinders that show leakage or permanent distortion in excess of specified limits or that rupture shall be removed from service.

6.2.7.8. Hydrostatic pressure **tests** shall be conducted at the original **test** pressure as stated on the nameplate.

Test labels

6.2.7.9. (1) Where a portable extinguisher is **tested**, a label shall be fixed to the extinguisher after **testing** that indicates the month and year the hydrostatic pressure **test** was performed, the **test** pressure used and the name of the person or agency performing the **test**.

(2) Sentence (1) does not apply where a permanent record of the **test** is kept and is available to the **fire department**.

SECTION 6.3 ALARM AND VOICE COMMUNICATION SYSTEMS FOR LIFE SAFETY**Subsection 6.3.1. General***Access*

6.3.1.1. Access to fire alarm and voice communication system components requiring **inspection** or servicing shall be kept unobstructed.

Monitoring

6.3.1.2. (1) Where the **Building Code** or this Code require a fire alarm system to be monitored to transmit a signal to the **fire department**, the building **owner** shall ensure the continuation of the monitoring.

(2) Where the fire alarm system monitoring referred to in Sentence (1) is provided by a central station, the **building owner** shall obtain written documentation from the central station operator that the monitoring service complies with

- (a) NFPA 71, “Standard for the Installation, Maintenance, and Use of Signaling Systems for Central Station Service”, or
- (b) CAN/ULC-S561, “Installation and Services for Fire Signal Receiving Centres and Systems”.

(3) Where a fire alarm system is monitored by a central station to meet the requirements of the **Building Code** or this Code, the operator of the central station shall provide, upon request by the **owner** or **Chief Fire Official**, a document attesting that the monitoring service is in compliance with one of the standards identified in Sentence (2).

(4) Despite Article 1.2.1.1. of Division A, where the **Building Code** or this Code requires a fire alarm system to be monitored and the monitoring is provided by a central station, the operator of the central station shall be responsible for maintaining the monitoring service and associated monitoring equipment in accordance with one of the standards identified in Sentence (2).

* (5) Where the fire alarm system is monitored by a proprietary signalling system, such system shall be maintained in accordance with NFPA 72, “National Fire Alarm and Signaling Code”.

6.3.1.3. (1) If a fire alarm or voice communication system or any part thereof is shut down

- (a) the **fire department** and **building** occupants shall be notified in accordance with Article 1.1.1.1., and
- (b) the **supervisory staff** shall be notified.

6.3.1.4. Fire alarm and voice communication systems shall be maintained in operating condition.

Signal silencing

6.3.1.5. (1) Once activated, a fire alarm system shall not be manually silenced unless it has been confirmed by **supervisory staff**, in accordance with **approved** procedures as detailed in the fire safety plan, that no fire emergency exists.

(2) Sentence (1) does not apply where a silencing switch is part of an **approved** integrated voice communication system and signal silencing takes place to allow fire emergency instructions to be heard.

Disconnect switches

6.3.1.6. Disconnect switches for power supplies which serve only fire alarm systems or interconnected **smoke alarms** shall be in a locked secure area or otherwise secured in an **approved** manner.

Relocating manual pull stations

6.3.1.7. (1) Where **approved**, manual pull stations for a fire alarm system in a **building** may be relocated if there is a high incidence of false alarms in the **building**.

(2) Where the manual pull stations are relocated, alternate **approved** measures shall be used to maintain the level of life safety.

Repairs and alterations to fire alarm systems

6.3.1.8. Repair, replacement and alterations of fire alarm system components shall be in accordance with CAN/ULC-S524, “Standard for the Installation of Fire Alarm Systems”.

Subsection 6.3.2. Check, Inspect and Test

Obligation to ensure compliance

6.3.2.1. (1) The **owner** shall ensure that any person performing the annual **tests** or annual **inspections** required by this Subsection for fire alarm systems or performing the repairs, replacements or alterations of fire alarm systems referred to in Article 6.3.1.8. is in compliance with the requirements of

- (a) Clause 1.2.1.2.(1)(a) of Division C, or
- (b) Sentence 1.2.1.2.(2) of Division C.

- (2) The **owner** shall ensure that any person performing the annual **tests** or annual **inspections** required by this Subsection for interconnected **smoke alarm** systems or performing the **tests** or maintenance for interconnected **smoke alarm** systems referred to in Article 6.3.2.6. is in compliance with the requirements of
- (a) Clause 1.2.2.2.(1)(a) of Division C, or
 - (b) Sentence 1.2.2.2.(2) of Division C.

Fire alarm systems

- * 6.3.2.2. (1) Except as provided in Sentence (2), a fire alarm system, with or without voice communication capability, shall be **inspected** and **tested** in conformance with CAN/ULC-S536, “Inspection and Testing of Fire Alarm Systems”.
- (2) Despite Clause 5.7.4.1.6. of CAN/ULC-S536, “Inspection and Testing of Fire Alarm Systems”, a **UL listed smoke detector** sensitivity instrument may be used to conduct annual sensitivity **testing** of **smoke detectors**.
- (3) A description of the fire alarm system as required in Clause 3.6 of CAN/ULC-S536, “Inspection and Testing of Fire Alarm Systems”, shall be kept current and maintained in the **building** at an **approved** location.
- (4) A record of each device, component and circuit of the fire alarm system that is **inspected** and **tested** in accordance with Sentence (1) shall
 - (a) indicate whether the device, component or circuit is in proper working order, and
 - (b) be kept in accordance with Subsection 1.1.2.
- (5) Where a fire alarm system is monitored to transmit a signal to the **fire department**, the **owner** shall record whether all signals from the **tests** conducted in Sentence (1), or other events, are received by the monitoring station, and records shall be kept in accordance with Subsection 1.1.2.

Central alarm and control facilities

- 6.3.2.3. The central alarm and control facility shall be **checked** daily for indication of trouble in the system.

Voice communication systems

- 6.3.2.4. Voice communication systems that are integrated with a fire alarm system shall be **tested** in conformance with CAN/ULC-S536, “Inspection and Testing of Fire Alarm Systems”.
- 6.3.2.5. (1) Voice communication systems that are not integrated with a fire alarm system shall be **tested** monthly in compliance with Sentences (2) and (3).
- (2) Loudspeakers described in Sentence (1) shall be **tested** monthly as an all-call signal to ensure they function as intended.
 - (3) Communication from at least one remote firefighter emergency telephone location to the control unit shall be **tested** monthly on a rotational basis so that communication from all remote firefighter emergency telephone locations are **tested** at least once per year.
 - (4) Voice communication systems are not required to be **tested** in conformance with Sentences (1) and (2) where the systems are regularly used as part of a paging system.

Interconnected smoke alarms

- 6.3.2.6. (1) This Article applies to interconnected **smoke alarm** systems in all **residential occupancies** and **care occupancies**, except in individual **dwelling units** and in **buildings** regulated by Section 9.8.
- (2) Interconnected **smoke alarms** shall be **tested** and maintained in operating condition in conformance with CAN/ULC-S552, “Standard for the Maintenance and Testing of Smoke Alarms”, and as required by this Article.
 - (3) The power supply shall be **checked** weekly.
 - (4) The operability of the interconnected system shall be confirmed monthly, by **testing** at least one **smoke alarm** using its **test** function, on a rotational basis.
 - (5) Where installed, each manual pull station shall be **tested** to ensure activation of the interconnected **smoke alarms** on an annual basis.
 - (6) Written records shall be kept of weekly **checks** of the power supply for at least six months after they are made, and be available upon request to the **Chief Fire Official**.
 - * (7) REVOKED

Subsection 6.3.3. Smoke Alarms – Maintenance and Testing***Application***

- 6.3.3.1. (1) This Subsection applies to **smoke alarms** in
- (a) **suites of residential occupancy,**
 - (b) **guest suites,**
 - (c) sleeping rooms not within a **dwelling unit,** and
 - (d) other **occupancies** in which **smoke alarms** are required by the **Building Code.**

Landlord is responsible

6.3.3.2. Despite the definition of **owner** in Article 1.4.1.2. of Division A, in the case of a rental **suite**, only the landlord shall be considered to be the **owner** for the purpose of applying Article 1.2.1.1. of Division A to this Subsection.

Duty to maintain in operating condition

- 6.3.3.3. (1) **Smoke alarms** shall be maintained in operating condition.
- (2) Primary and secondary power supplies that serve **smoke alarms** shall be maintained in operating condition.
- (3) If the **Building Code** requires a visual signalling component that is integral with or connected to a **smoke alarm**, the visual signalling component shall be maintained in operating condition.

Maintenance instructions to be given to tenant

6.3.3.4. The landlord of each rental **suite** shall give the tenant a copy of the **smoke alarm** manufacturer's maintenance instructions or **approved** alternative maintenance instructions.

Tenant to notify landlord

- 6.3.3.5. (1) A tenant of a rental **suite** shall notify the landlord as soon as the tenant becomes aware that
- (a) a **smoke alarm** in the unit is disconnected,
 - (b) a **smoke alarm** in the unit is not operating, or
 - (c) the operation of a **smoke alarm** in the unit is impaired.

Disabling prohibited

6.3.3.6. No person shall disable a **smoke alarm**.

Replacement

- 6.3.3.7. (1) A **smoke alarm** shall be replaced within the time frame indicated in the manufacturer's instructions.
- (2) When a **smoke alarm** is replaced
- (a) in the case of a **suite** subject to Part 9, the replacement shall not provide a lower level or type of protection than that required by Part 9,
 - (b) in the case of a **suite** not subject to Part 9 that was constructed on or after April 6, 1998, the replacement shall not provide a lower level or type of protection than that required by the **Building Code** in effect at the time of construction of the **suite**, and
 - (c) in the case of a **suite** not subject to Part 9 that was constructed before April 6, 1998, the replacement shall not provide a lower level or type of protection than that required by Article 2.13.2.1.
- (3) The **Chief Fire Official** may **approve** an alternative to a requirement of Sentence (2) if, in the opinion of the **Chief Fire Official**, the alternative provides fire safety protection equivalent to or greater than the fire safety protection that would be provided by the requirement.

Testing

- 6.3.3.8. (1) This Article applies to rental **suites**.
- (2) The landlord shall **test smoke alarms** annually and after every change in tenancy.
- (3) The landlord shall **test** battery-operated **smoke alarms** after the battery is replaced.

(4) The landlord shall **test smoke alarms** that are connected to an electrical circuit after any change is made to the electrical circuit.

(5) For the purposes of Sentences (2), (3) and (4), **smoke alarms** shall be **tested** by activating the **smoke alarm** test feature.

(6) If the **Building Code** requires a visual signalling component that is integral with or connected to a **smoke alarm**, the landlord shall ensure that any **test** of the **smoke alarm** required by Sentences (2) to (4) activates the visible signalling component.

Subsection 6.3.4. Carbon Monoxide Alarms – Maintenance and Testing

Application

6.3.4.1. This Subsection applies to carbon monoxide alarms in **buildings** containing a **residential occupancy**.

Landlord is responsible

6.3.4.2. Despite the definition of **owner** in Article 1.4.1.2. of Division A, in the case of a rental **suite of residential occupancy**, only the landlord shall be considered to be the **owner** for the purpose of applying Article 1.2.1.1. of Division A to this Subsection.

Duty to maintain in operating condition

6.3.4.3. (1) Carbon monoxide alarms shall be maintained in operating condition.

(2) Primary and secondary power supplies that serve carbon monoxide alarms shall be maintained in operating condition.

Maintenance instructions to be given to tenant

6.3.4.4. The landlord of each rental **suite of residential occupancy** shall give the tenant a copy of the carbon monoxide alarm manufacturer's maintenance instructions or **approved** alternative maintenance instructions.

Tenant to notify landlord

6.3.4.5. (1) A tenant of a rental **suite of residential occupancy** shall notify the landlord as soon as the tenant becomes aware that

- (a) a carbon monoxide alarm in the unit is disconnected,
- (b) a carbon monoxide alarm in the unit is not operating, or
- (c) the operation of a carbon monoxide alarm in the unit is impaired.

Disabling prohibited

6.3.4.6. No person shall disable a carbon monoxide alarm.

Replacement in certain buildings

6.3.4.7. (1) Subject to Sentence (2), this Article applies to every **building** that contains a **residential occupancy** and

- (a) a fuel-burning **appliance**,
- (b) a fireplace, or
- (c) a **storage garage**.

(2) This Article applies

- (a) as of April 15, 2015, in the case of **buildings** that contain no more than six **suites of residential occupancy**, and
- (b) as of October 15, 2015, in the case of **buildings** that contain more than six **suites of residential occupancy**.

(3) A carbon monoxide alarm shall be replaced within the time frame indicated in the manufacturer's instructions.

(4) Despite Section 2.16, when a carbon monoxide alarm is replaced in a **suite of residential occupancy** constructed on or after August 6, 2001, the replacement

- (a) shall not provide a lower level or type of carbon monoxide protection than that required by the **Building Code** as it read on the day the **suite** was constructed, and
- (b) shall comply with CSA-6.19, “Residential Carbon Monoxide Alarming Devices” or UL 2034, “Single and Multiple Station Carbon Monoxide Alarms”.

(5) When a carbon monoxide alarm is replaced in a **suite of residential occupancy** constructed before August 6, 2001, the replacement carbon monoxide alarm shall meet the requirements of Article 2.16.2.1.

(6) The **Chief Fire Official** may **approve** an alternative to a requirement of Sentence (4) or (5) if, in the opinion of the **Chief Fire Official**, the alternative provides life safety protection equivalent to or greater than the life safety protection that would be provided by the requirement.

Testing

6.3.4.8. (1) This Article applies to rental **suites of residential occupancy**.

(2) The landlord shall **test** carbon monoxide alarms annually and after every change in tenancy.

(3) The landlord shall **test** battery-operated carbon monoxide alarms after the battery is replaced.

(4) The landlord shall **test** carbon monoxide alarms that are connected to an electrical circuit after any change is made to the electrical circuit.

(5) For the purposes of Sentences (2), (3) and (4), carbon monoxide alarms shall be **tested** by activating the carbon monoxide alarm test feature.

SECTION 6.4 STANDPIPE AND HOSE SYSTEMS

Subsection 6.4.1. General

6.4.1.1. During alteration of a **building** required to have a standpipe and hose system, the system shall be installed or dismantled progressively so as to provide protection to all **floor areas**.

6.4.1.2. Standpipe and hose systems shall be maintained in operating condition.

Fire department connections

6.4.1.3. (1) Except when in use or being **inspected** in accordance with Article 6.4.3.7., **fire department** connections shall be equipped with plugs or caps that are secured wrench-tight.

(2) If plugs or caps are missing, the **fire department** connections shall be examined for obstructions, back-flushed when conditions warrant and the plugs or caps replaced.

Out of service requirements

6.4.1.4. (1) If a standpipe system or any part thereof is shut down

- (a) the **fire department** and **building** occupants shall be notified in accordance with Article 1.1.1.1., and
- (b) the **supervisory staff** shall be notified.

Hotels

6.4.1.5. In **buildings** containing a **hotel**, a standpipe and hose system shall not be shut down, disconnected or otherwise impaired without notifying the **Chief Fire Official** in accordance with a schedule identified in the **approved** fire safety plan.

Inspection, testing and maintenance

6.4.1.6. Compliance with the **inspection, testing** and maintenance provisions of NFPA 25, “Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems”, for standpipe and hose systems is deemed to satisfy the requirements of Articles 6.4.2.1. to 6.4.2.5. and Subsection 6.4.3.

Subsection 6.4.2. Maintenance and Inspection of Hose Stations and Equipment

Hose stations

6.4.2.1. Hose stations shall be **inspected** monthly to ensure that the hose is in proper position and that all of the equipment is in place and in operable condition.

6.4.2.2. Standpipe and hose system equipment shall be used for fire protection only.

6.4.2.3. Standpipe hose stations shall be conspicuously identified and unobstructed.

Hose valves

6.4.2.4. Hose valves shall be **inspected** annually to ensure that they are tight so that there is no water leakage into the hose.

Hose

6.4.2.5. (1) Standpipe hose shall be unracked, unreeled or unrolled and **inspected** at least annually and after use, and any worn hose or gaskets in the couplings at the hose valves and at the nozzle replaced.

(2) If the hose is replaced on the rack, reel or storage area, it shall be reracked, rereeled or rerolled so that any folds do not occur at the same position they were previously on the hose.

Standpipe identification

6.4.2.6. (1) Except as required in Sentence (2), each hose connection in a standpipe system shall be provided with a legible sign reading: "FIRE HOSE FOR USE BY TRAINED PERSONS ONLY".

(2) Each hose connection in a dry standpipe system with no permanent water supply shall be provided with a legible weatherproof sign reading: "DRY STANDPIPE FOR FIRE DEPARTMENT USE ONLY".

Hose cabinets

6.4.2.7. (1) If a fire hose station is located in a cabinet, an **approved** lockable, scored glass break-front cabinet may be used.

(2) Hose stations in a **major occupancy** consisting of **detention occupancy** may be located in secure areas, or in lockable cabinets where

(a) identical keys for all cabinets are located at all guard stations, or

(b) electrical remote release devices are provided and are connected to an emergency power supply.

Subsection 6.4.3. Checking, Inspection and Testing

Standpipe systems

6.4.3.1. (1) Standpipe systems that have been modified, extended or are being restored to service after a period of disuse exceeding one year shall be **tested** in conformance with Articles 6.4.3.2. to 6.4.3.5.

(2) Where standpipes are built in walls or **partitions**, the **tests** shall be made before the standpipes are concealed.

Hydrostatic test

6.4.3.2. (1) Standpipe system piping shall be hydrostatically **tested** for 2 hours at a pressure of not less than

(a) 1400 kPa (gauge), or

(b) 350 kPa (gauge) in excess of the normal hydrostatic pressure when the normal hydrostatic pressure is in excess of 1050 kPa (gauge).

Fire department connections

6.4.3.3. Piping between the **fire department** connection and the check valve in the inlet pipe to the standpipe shall be hydrostatically **tested** in the same manner as the remainder of the system.

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Underground mains

6.4.3.4. (1) Underground mains and connections shall be hydrostatically **tested** for 2 hours at a hydrostatic pressure of 350 kPa (gauge) in excess of the maximum hydrostatic pressure in service, but not less than 1400 kPa (gauge).

(2) Leakage during the **test** shall not exceed 2 L/h per 100 joints for pipe laid with rubber gasketed joints, and 30 mL/h per 25 mm of pipe diameter per joint for pipe laid with caulked lead or lead substitute joints.

Flow and pressure tests

6.4.3.5. Flow and pressure **tests** shall be conducted at the highest and most remote hose valve or hose connection to ensure that the water supply for the standpipe system is provided as originally designed.

Dry standpipes

6.4.3.6. (1) Standpipe system piping which normally remains dry shall be hydrostatically **tested** in accordance with Article 6.4.3.2. at intervals of not more than five years.

(2) Water supply pressure and system air pressure for automatic dry standpipe systems shall be **checked** weekly by using gauges to ensure that the system is maintained at the required operating pressure.

Fire department connections

6.4.3.7. (1) The dry portion of the **fire department** connection piping of a standpipe system shall be hydrostatically **tested** at a pressure of not less than 1050 kPa (gauge) for 2 hours at intervals of not more than five years where

- (a) the **fire department** connection piping has been in service for more than thirty years, or
- (b) the age of the **fire department** connection piping cannot be determined.

(2) Despite Sentence (1), if, on July 1, 2018, **fire department** connection piping has not been hydrostatically **tested** within the previous five years, the first **test** required by Sentence (1) shall be completed before January 1, 2019.

(3) **Fire department** connection piping shall be **inspected** annually with any plugs or caps removed to ensure that

- (a) the **fire department** connection is physically unobstructed and readily accessible,
- (b) the **fire department** connection identification sign is in place and visible,
- (c) the **fire department** connection is free of wear, rust or obstruction,
- (d) couplings or swivels are not damaged and rotate smoothly,
- (e) gaskets are in place and in good condition,
- (f) the check valve is not leaking,
- (g) the automatic drain valve is in place and operating properly, and
- (h) **fire department** connection clappers are in place and operating properly.

* (4) The annual **inspection** referenced in Sentence (3) shall be recorded and kept in accordance with Subsection 1.1.2.

Hotels

6.4.3.8. In **buildings** containing a **hotel**, flow and pressure **tests** shall be conducted annually at the highest and most remote hose valve or hose connection to verify that the water supply for the standpipe system is provided as originally designed.

Subsection 6.6.5. Inspection of Hydrants

6.6.5.1. Hydrants shall be **inspected** annually and after each use in accordance with Articles 6.6.5.2. to 6.6.5.5.

6.6.5.2. (1) Except when in use or being **inspected** in accordance with Sentence (2), hydrants shall be equipped with port caps that are secured wrench-tight.

(2) The port caps shall be removed and the connections **inspected** for wear, rust or obstructions that in any way hamper easy removal and corrective action shall be taken as needed.

(3) If the caps are missing, the hydrant shall be examined for obstructions or accumulated refuse and flushed in accordance with Article 6.6.5.7. and the port caps shall be re-installed.

6.6.5.3. The hydrant barrel shall be **inspected** to ensure that no water has accumulated within the barrel when the main valve is in the closed position.

6.6.5.4. Where the hydrant barrel is found to contain water under Article 6.6.5.3., the drain valve shall be **inspected** for operation.

6.6.5.5. If the hydrant barrel is found to contain water because of poor drainage that is impractical to correct, **approved** measures shall be taken to prevent freezing during winter conditions.

Hydrant water flow

6.6.5.6. Hydrant water flow shall be **inspected** annually in accordance with Article 6.6.5.7.

6.6.5.7. The main valve of the hydrant shall be fully opened and the hydrant operated with one port open and the water flow **checked**.

- * 6.6.5.8. A record of the hydrant operation as described in Article 6.6.5.7. shall be kept in conformance with Subsection 1.1.2.

Subsection 6.6.6. Uniform Marking of Hydrants

Hydrant marking

6.6.6.1. Hydrants shall be colour-coded in accordance with NFPA 291, "Recommended Practice for Fire Flow Testing and Marking of Hydrants".

SECTION 6.7 EMERGENCY POWER SYSTEMS

Subsection 6.7.1. General

6.7.1.1. (1) Except as provided in Sentence (2), and Articles 6.7.1.2. to 6.7.1.5., emergency power systems shall be **inspected, tested** and maintained in conformance with CSA-C282, "Emergency Electrical Power Supply for Buildings".

(2) An emergency electrical power supply system for emergency equipment in hospitals shall be **inspected, tested** and maintained in conformance with CSA-Z32, "Electrical Safety and Essential Electrical Systems in Health Care Facilities".

(3) If an emergency power system or any part thereof is shut down

- (a) the **fire department** and **building** occupants shall be notified in accordance with Article 1.1.1.1., and
- (b) the **supervisory staff** shall be notified.

Instructions for switching and starting

6.7.1.2. Where an emergency power system is installed, instructions shall be provided for switching on essential loads and for starting the generator when this is not done automatically.

Inspection and testing

- * 6.7.1.3. Despite the requirements of Subsection 1.1.2., written records shall be maintained as required in CSA-C282, "Emergency Electrical Power Supply for Buildings".

Fuel supply

6.7.1.4. The amount of fuel stored and connected to the emergency power system shall be sufficient to operate the engine for at least 2 h.

6.7.1.5. (1) Liquid fuel **storage tanks** shall be drained and refilled with fresh fuel at intervals not greater than 12 months.

(2) The requirements of Sentence (1) may be achieved by replenishment as the result of the normal **test** program required in Article 6.7.1.1.

SECTION 6.8 SPECIAL FIRE SUPPRESSION SYSTEMS

Subsection 6.8.1. Installation

6.8.1.1. (1) Where a special fire suppression system is installed after November 21, 2007 to comply with this Code, the system shall conform to one of the standards set out in Sentences (3) and (4).

(2) If a water-based fire suppression system is not compatible with fire suppression for specific types of hazards, a special fire suppression system conforming to one of the standards set out in Sentence (3) is permitted to be installed in lieu of a water-based system.

(3) The design and installation of a special fire suppression system that is not water-based shall conform to one of the following standards:

- (a) NFPA 11, “Standard for Low-, Medium-, and High-Expansion Foam”,
- (b) NFPA 12, “Standard on Carbon Dioxide Extinguishing Systems”,
- (c) NFPA 12A, “Standard on Halon 1301 Fire Extinguishing Systems”,
- (d) NFPA 12B, “Standard on Halon 1211 Fire Extinguishing Systems”,
- (e) NFPA 17, “Standard for Dry Chemical Extinguishing Systems”,
- (f) NFPA 17A, “Standard for Wet Chemical Extinguishing Systems”, or
- (g) NFPA 2001, “Standard on Clean Agent Fire Extinguishing Systems”.

(4) The design and installation of a water-based special fire suppression system shall conform to one of the following standards:

- (a) NFPA 15, “Standard for Water Spray Fixed Systems for Fire Protection”, or
- (b) NFPA 16, “Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems”.

(5) Wetting agents used in conjunction with water-based fire suppressions systems shall conform to NFPA 18, “Standard on Wetting Agents”.

(6) A hazard for which a fire suppression system has been designed shall not be increased unless the level of fire protection is also commensurately increased.

(7) Operating and maintenance instructions for a special fire suppression system shall be posted in proximity to the equipment and, if manual controls are provided, shall also be posted near the manual controls.

(8) Valves and controls for a special fire suppression system shall be clearly marked to indicate their function and shall be accessible at all times.

Subsection 6.8.2. Inspection and Maintenance

6.8.2.1. (1) Except as otherwise provided in this Section, where special fire suppression systems have been installed, **inspection** and maintenance shall be provided in conformance with the appropriate standards set out in Sentences 6.8.1.1. (3), (4) and (5).

(2) Where a special fire suppression system of a type has been installed in accordance with a standard not referred to in Article 6.8.1.1., **inspection** and maintenance shall be provided in conformance with the specified standard and in the absence of a standard, to the manufacturer’s recommended maintenance instructions.

(3) If a special fire suppression system or any part thereof is shut down

- (a) the **fire department** and **building** occupants shall be notified in accordance with Article 1.1.1.1., and
- (b) the **supervisory staff** shall be notified.

Test records

- * 6.8.2.2. Written records shall be kept of **inspections**, maintenance and **testing** in conformance with Subsection 1.1.2.

Container maintenance

6.8.2.3. Extinguishing agent containers provided for special fire suppression systems shall be fully charged with the proper quantity of extinguishing agent and the necessary operating pressure maintained.

Discharge outlets

6.8.2.4. Discharge outlets for special fire suppression systems shall be kept free of dirt and residue.

Piping

6.8.2.5. Piping and equipment shall be mechanically secure and accessible for cleaning and maintenance.

Replacement equipment

6.8.2.6. No replacement equipment and devices provided for special fire suppression systems shall be used unless suitable for the installation in which they are to be placed.

SECTION 6.9 DECOMMISSIONING**Subsection 6.9.1. General**

6.9.1.1. Except as otherwise provided in this Part, fire protection equipment and life safety systems shall not be decommissioned or permanently taken out of service without **approval**.

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PART 7

*** CHECKING, INSPECTION, TESTING, NOTIFICATION AND
MAINTENANCE OF FIRE EMERGENCY SYSTEMS IN HIGH
BUILDINGS**

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SECTION 7.1 GENERAL

Subsection 7.1.1. General

Application

7.1.1.1. This Part applies to high **buildings** as described in Article 3.2.6.1. of Division B of the **Building Code**.

Requirements

7.1.1.2. The fire emergency systems required by this Code and the **Building Code** shall be **checked, inspected, tested** and maintained in accordance with Sections 7.2 and 7.3.

* SECTION 7.2 CHECKING, INSPECTION, TESTING, NOTIFICATION AND MAINTENANCE OF CERTAIN FIRE EMERGENCY SYSTEMS

Subsection 7.2.1. Intervals Between Tests

Intervals between tests

7.2.1.1. Unless otherwise prescribed in this Part, **tests** shall be carried out at intervals of not more than three months.

Subsection 7.2.2. Elevators

Testing

7.2.2.1. (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.

(2) Key-operated switches located outside an elevator shaft shall be **tested** to ensure that actuation of the switch will render the emergency stop switch in each car inoperative and bring all cars to the **street** floor or transfer lobby by cancelling all other calls after the car has stopped at the next floor at which it can make a normal stop.

- (3) Key-operated switches in each elevator car shall be **tested** to ensure that actuation of the switch will
- (a) enable the elevator to operate independently of other elevators,
 - (b) allow operation of the elevator without interference from floor call buttons,
 - (c) render door protective devices inoperative, and
 - (d) control the opening of power-operated doors only by continuous pressure on the door-opening buttons or switches, to ensure that if the "OPEN" button or switch is released while the door is opening, the doors will automatically close.

Out of service requirements

- * 7.2.2.2. (1) If a firefighters' elevator is not operational
- (a) the **supervisory staff** shall be notified, and
 - (b) where the firefighters' elevator is not operational for more than 24 hours, the **fire department** and the **building** occupants shall be notified by means of the procedure established under Sentence (2).

(2) A procedure of notification shall be established that may be used when a firefighters' elevator is out of service, and the procedure must include notifying the **fire department** and **building** occupants.

Subsection 7.2.3. Venting to Aid Fire Fighting

Inspection

7.2.3.1. (1) **Closures** in vent openings into smoke shafts from each **floor area** shall be **inspected** sequentially over a period not to exceed five years.

(2) Every **closure** in an opening to the outdoors at the top of a smoke shaft shall be **inspected** annually to ensure that it will open

- (a) manually from outside the **building**,
- (b) on a signal from the smoke or heat actuated device in the smoke shaft, and
- (c) when a **closure** in an opening between a **floor area** and the smoke shaft opens.

(3) In addition to the procedures described in Sentences (1) and (2), elevators in an elevator shaft that is intended for use as a smoke shaft shall be **inspected** semi-annually to ensure that on activation of the fire alarm system they will return to the **street** floor and remain inoperative.

(4) Where an air-handling system is used for venting **floor areas** in the event of a fire to comply with the requirements of the **Building Code**, the system shall be **inspected** annually to ensure that air is exhausted to the outdoors.

Subsection 7.2.4. Central Alarm and Control Facilities and Voice Communication Systems for Life Safety

7.2.4.1. The **checking, inspecting** and **testing** of central alarm and control facilities and voice communication systems for life safety shall be carried out in accordance with the requirements of Section 6.3.

Subsection 7.2.5. Maintenance

Maintenance of certain fire emergency systems

7.2.5.1. (1) In addition to the requirements of Part 6, components of fire emergency systems shall be maintained in accordance with Sentences (2) to (7).

(2) The keys required to recall elevators and to permit independent operation of each elevator shall be kept in the location required by the **Building Code**.

(3) Firefighters' elevators shall be maintained in operable condition.

(4) The firefighters' elevator symbol shall be maintained in identifiable condition.

(5) Access to windows and panels required to vent **floor areas** and vents to vestibules that are permitted to be manually openable shall be kept free of obstructions.

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

(7) Vents to vestibules that are permitted to be manually openable shall be maintained in operable condition.

SECTION 7.3 INSPECTION, TESTING AND MAINTENANCE OF SMOKE CONTROL EQUIPMENT

Subsection 7.3.1. General

7.3.1.1. Smoke control equipment shall be maintained in a manner that ensures that it is fully operational.

7.3.1.2. Where smoke control measures contained in Commentary C of NRC, User's Guide –NBC 1995, "Fire Protection, Occupant Safety and Accessibility (Part 3)" are used, the **inspections** and **tests** shall be carried out as outlined in Section 7.3 of Division B of NRC, "National Fire Code of Canada".

7.3.1.3. (1) Subject to Sentences (2) to (5), where a smoke control system is designed to meet the requirements of the **Building Code**, the **inspections** and **tests** for equipment shall be carried out in accordance with procedures established by the designer of the system.

(2) Where procedures described in Sentence (1) are not available, smoke control systems shall be assessed to ensure satisfactory operation using techniques described in MAH Supplementary Standard SB-4, "Measures for Fire Safety in High Buildings".

(3) Upon completion of the assessment described in Sentence (2), written procedures for periodic **inspections** and **tests** shall be established.

(4) The procedures described in Sentence (3) shall bear the signature and seal of a **Professional Engineer** or **Architect**.

(5) The **inspections** and **tests** established under Sentence (3) shall be implemented.

(6) Despite Sentences (1) and (3), other **inspection** and **test** procedures may be **approved**.

SECTION 8.1 GENERAL

Subsection 8.1.1. Application

Application

8.1.1.1. This Part applies to the prevention or control of fire during any **demolition** and the protection from fire of neighbouring occupied spaces and neighbouring properties.

Subsection 8.1.2. Requirements

Building services

8.1.2.1. (1) Subject to Sentence (2), before **demolition** of a **building** or part of a **building** is commenced, **building** services other than water supply for fire fighting shall be terminated at a point located outside the **building** or part under **demolition**.

(2) Instead of being terminated under Sentence (1), a service provider's connection shall be relocated and protected from damage if it is determined that

- (a) terminating the service at a point outside the **building** or part under **demolition** would interfere with service to a part of the **building** that is not under **demolition** or service to another **building** that is not under **demolition**, or
- (b) maintaining the service is necessary for **demolition** purposes.

(3) No steps shall be taken under Sentence (1) or (2) in respect of a service provider's connection unless that service provider and all other service providers whose connections will be affected by the termination or relocation of that connection have been notified.

Firewatch

8.1.2.2. (1) During periods when **demolition** operations create a fire hazard to parts of the **building** not under **demolition** or to neighbouring occupied spaces or neighbouring properties, a firewatch shall be conducted.

(2) If a firewatch is required, the **demolition** site shall be toured by firewatch personnel at least once each hour.

- (3) Facilities shall be provided to enable firewatch personnel to
 - (a) ensure that a fire warning is sounded to notify occupants, and
 - (b) communicate with the **fire department**.

(4) Firewatch personnel shall be equipped with portable illumination and protective equipment.

(5) Before **demolition** of a **building** or part of a **building** is commenced, a safety plan for the **demolition** site shall be prepared and implemented.

- (6) The **demolition** safety plan shall include
 - (a) the designation and organization of site personnel to carry out fire safety duties, including a firewatch when required,
 - (b) the emergency procedures to be followed in case of fire, including
 - (i) ensuring that a fire warning is sounded to notify occupants,
 - (ii) notifying the **fire department**, and
 - (iii) confining, controlling and extinguishing the fire,
 - (c) the requirement to train site personnel to carry out fire safety duties, including a firewatch and the emergency procedures referred to in Clause (b),
 - (d) the procedures to control fire hazards in and around the **demolition** site, including procedures to mitigate risks to parts of the **building** not under **demolition** or to neighbouring occupied spaces or neighbouring properties, and
 - (e) the maintenance of fire fighting facilities.

(7) If a **demolition** involves a **building** that is required to have a fire safety plan that complies with Section 2.8, the fire safety plan shall take into account changes to the **building** arising from the **demolition** in accordance with Sentences 2.8.2.1.(4) and (5).

Storage of combustibles

8.1.2.3. (1) Combustible salvage, waste material and rubbish shall not be accumulated on site in such quantity or such location as to cause a fire hazard.

- (2) If temporary chutes are installed on the exterior of a **building**, the chutes shall
- be of noncombustible material, or
 - be installed a distance of at least 3 m from any opening in the **building** face.

Burning of rubbish

8.1.2.4. Rubbish shall not be burned on the premises unless permitted in accordance with Article 2.4.4.4.

Hot work equipment

- * 8.1.2.5. The installation, operation and maintenance of hot work equipment shall be carried out in accordance with Section 5.17.

Standpipe systems

8.1.2.6. (1) Where a **building** being **demolished** floor by floor is equipped with a standpipe system, the system, together with **fire department** connections, valves, couplings and hose, shall be maintained in operable condition on all **storeys** below the one being demolished, except for the **storey** immediately below it.

(2) If no **fire department** standpipe connection exists in a **building** under **demolition** that is 4 **storeys** or more in **building height**, a temporary standpipe connection shall be provided.

(3) If no standpipe system exists in a **building** under **demolition** that is 8 **storeys** or more in **building height**, a temporary standpipe shall be provided.

(4) Standpipe systems shall be kept in such condition that they may be connected near **street** level, to a **fire department** pump, so as to supply water to every outlet on each floor.

(5) In a **building** under **demolition** that is over 84 m in height, the primary water supply serving the standpipe system, including fire pumps, shall be maintained in operating condition.

Access for fire fighting

8.1.2.7. (1) During **demolition**, fire fighting access routes shall be maintained in accordance with Section 2.5.

(2) Unobstructed access to fire hydrants, portable extinguishers and **fire department** connections for standpipe and sprinkler systems shall be maintained during **demolition**.

(3) If a **demolition** site is fenced so as to prevent general entry, provision shall be made for access by **fire department** equipment and personnel.

(4) Elevating devices shall be accessible for the use of firefighters for **buildings** under **demolition** that are more than 36 m in **building height**, measured between **grade** and the floor level of the top **storey**.

Portable extinguishers

8.1.2.8. (1) Portable extinguishers shall be provided in **buildings** under **demolition** in accordance with Subsection 6.2.6. as if the **buildings** were graded for ordinary hazard under Subsection 6.2.5.

(2) In addition to the other requirements of this Code, if a **building** is under **demolition**, portable extinguishers shall be provided

- adjacent to hot work operations,
- in areas where combustibles are stored,
- near or on any internal combustion engines,
- adjacent to areas where **flammable liquids**, **combustible liquids** or gases are stored or handled,
- adjacent to temporary oil-fired or gas-fired equipment, and
- adjacent to bitumen heating equipment.

(3) The extinguishers required by Sentence (2) shall have a minimum rating of

- 2A:10B:C on moveable equipment, and
- 4A:40B:C in all other locations.

(4) Portable extinguishers required in Sentences (1), (2) and (3) shall be maintained in conformance with Section 6.2.

SECTION 9.1 GENERAL

SUBSECTION 9.1.1. GENERAL

Scope

9.1.1.1. This Part provides for the upgrading of existing **buildings** through **retrofit**.

Compliance

- 9.1.1.2. (1) The requirements of this Part shall be satisfied
- (a) by implementing the requirements of the applicable Section, or
 - (b) by implementing an **approved** Life Safety Study in accordance with Subsection 9.1.4.

Approved alternatives

9.1.1.3. A requirement of this Part is deemed to be complied with if materials, equipment or systems are **approved** that, in the opinion of the **Chief Fire Official**, will provide protection for life safety similar to the protection provided by compliance with the requirement.

Subsection 9.1.2. Application

Application

9.1.2.1. The requirements for **buildings** that are covered by this Part shall be determined by their **occupancies** as regulated in the appropriate Sections in this Part.

Exemptions

9.1.2.2. (1) This Part does not apply to a **building** that contains a **residential occupancy**, consisting of no more than one **dwelling unit**, and no other **major occupancy**.

(2) Except for Article 9.4.5.5. and Sections 9.7 and 9.9, this Part does not apply to a **building** or part of a **building** that satisfies the requirements of the **Building Code**.

(3) Section 9.7 does not apply to a **building** or part of a **building** that contains a **care occupancy**, if the **building** or part of the **building** satisfies the requirements for a **care occupancy** contained in the **Building Code** as it read at any time on or after April 6, 1998.

(4) Section 9.7 does not apply to a **building** or part of a **building** that contains a **retirement home**, if the **building** or part of the **building** satisfies the requirements for a **retirement home** contained in the **Building Code** as it read at any time on or after January 1, 2014.

(5) Section 9.9 does not apply to a **building** or part of a **building** that satisfies the requirements of the **Building Code** as it read at any time on or after July 1, 1993.

(6) Sections 9.2 to 9.9 do not apply to a **building** with respect to which the **Chief Fire Official** has granted an exemption under a predecessor of this Regulation during such period as the exemption is valid.

Subsection 9.1.3. Schedule of Compliance

Compliance time for health care facilities, care occupancies and retirement homes

- * 9.1.3.1. (1) It is the responsibility of the **owner** of a **building** containing a home described in Section 9.4 to comply with Article 9.4.5.5. as of January 1, 2025.
- (2) It is the responsibility of the **owner** of a **building** to which Section 9.7 applies to comply with
- (a) Article 9.7.4.3. as of March 1, 2014,
 - (b) Articles 9.7.3.1., 9.7.4.1. and 9.7.4.2. as of January 1, 2015,
 - (c) Articles 9.7.2.1. and 9.7.4.4. as of January 1, 2016, and
 - (d) Article 9.7.5.1. as of January 1, 2019.

Extension of time

9.1.3.2. If compliance is not possible by the date required under Article 9.1.3.1. because of a strike, material shortage or other circumstances beyond an **owner's** control, the **Chief Fire Official** may grant an extension of the time for compliance.

Subsection 9.1.4. Life Safety Study

Life Safety Study

- 9.1.4.1. (1) A Life Safety Study is a proposal to the **Chief Fire Official** that consists of
- (a) a detailed assessment of the life safety performance requirements, clearly identifying items not meeting the requirements of this Part,
 - (b) a detailed description of how an acceptable level of life safety can be achieved, and
 - (c) a detailed time schedule to implement the provisions of Clause (b).

Contents

- 9.1.4.2. (1) A Life Safety Study shall deal with, but is not limited to
- (a) containment, including
 - (i) **fire separations**,
 - (ii) **firewalls**,
 - (iii) construction assemblies,
 - (iv) **occupancy** separations, and
 - (v) interior finishes,
 - (b) detection, including
 - (i) alarm and detection systems, and
 - (ii) voice communication systems,
 - (c) suppression, including
 - (i) **fire department** access,
 - (ii) standpipe and hose systems,
 - (iii) sprinkler or special fire suppression systems, and
 - (iv) firefighters' elevators, and
 - (d) egress, including
 - (i) the number, type, **access to**, direction to, lighting for and identification of **exits**,
 - (ii) fire escapes,
 - (iii) **occupant load**, and
 - (iv) emergency lighting.

Signature and seal

9.1.4.3. A Life Safety Study shall bear the signature and seal of a **Professional Engineer** or **Architect**, or both.

Time schedule

9.1.4.4. The time schedule referred to in Clause 9.1.4.1.(1)(c) may provide for a compliance date after the compliance date required by Article 9.1.3.1.

Extension of time

9.1.4.5. An **owner** or the **owner's** agent may apply to the **Chief Fire Official** for an extension of the compliance date to permit time for a Life Safety Study to be submitted.

Extension following Order

9.1.4.6. (1) Where an **owner** or the **owner's** agent has received an **Order** that requires compliance with this Part, the **owner** or the **owner's** agent may apply within five days of receipt of the **Order** to the **Chief Fire Official** to extend the time for compliance pending submission of a Life Safety Study.

(2) Upon receipt of the application referred to in Sentence (1), the **Chief Fire Official** shall, within 10 days, review the application and either grant or refuse an extension of the time for compliance to permit submission of a Life Safety Study.

- (b) the elevators satisfy the requirements of Sentences 3.2.6.8.(1) to (4) of the **1990 Building Code**,
- (c) emergency power is provided capable of operating one elevator car at a time, in **buildings** where the vertical distance between the floor of the top **storey** and **grade** exceeds 36 m, and
- (d) other elevator cabs in the same shaft as the elevator for use by firefighters satisfy the requirements of Sentences 3.2.6.8.(1) and (2) of the **1990 Building Code**.

Emergency power supply

9.6.5.7. (1) Emergency electric power shall be provided in accordance with Articles 3.2.7.5. and 3.2.7.8. of the **1990 Building Code** if the power is provided for

- (a) fire alarm and detection systems referred to in Sentence 9.6.4.1.(1) and Article 9.6.4.8.,
- (b) booster pumps serving standpipe systems referred to in Sentences 9.6.5.2.(4) and 9.6.5.3.(2), and
- (c) elevators referred to in Clause 9.6.5.6.(3)(c).

(2) Despite Sentence (1), existing emergency electric power generators that will provide reliable and sufficient electric power and that are **approved** may be used.

SECTION 9.7 BUILDINGS WITH A CARE OCCUPANCY OR RETIREMENT HOME

Subsection 9.7.1. Application and General

Application

9.7.1.1. (1) This Section applies to **buildings** containing a **care occupancy** or **retirement home**.

(2) Despite Sentence (1), this Section does not apply to a **building** or part of a **building** that is a home or hospital regulated by Section 9.4.

(3) Despite Sentence (1), if a **building** containing a **care occupancy** or **retirement home** also contains one or more other **occupancies** that are not governed by this Part, this Section does not apply to the fire safety systems, devices and structural elements of any of the other **occupancies** that do not affect the life safety of the **care occupancy** or **retirement home**.

Conflict

9.7.1.2. (1) In the event of a conflict between this Section and any other Section of this Part that applies to a **care occupancy** or **retirement home**, this Section prevails.

(2) If a **building** containing a **care occupancy** or **retirement home** also contains one or more other **occupancies** that are governed by other Sections of this Part, the fire safety systems, devices and structural elements of all the **occupancies** governed by this Part shall comply with the requirements that provide the greatest protection for life safety.

Additional requirements

9.7.1.3. (1) In addition to the requirements of this Section,

- (a) a **building** not greater than 6 **storeys** in **building height** shall comply with Subsections 9.5.2. to 9.5.5., and
- (b) a **building** greater than 6 **storeys** in **building height** shall comply with Subsections 9.6.2. to 9.6.5.

(2) Clause (1) (a) does not apply to a **building** not greater than 3 **storeys** in **building height** that provides sleeping accommodation for not more than four persons.

Definitions

9.7.1.4. For the purposes of this Section,

“**1990 Building Code**” means Ontario Regulation 413/90, as it read on October 9, 1992;

“existing” means in existence on January 1, 2014.

Subsection 9.7.2. Containment

Self-closing devices

- * 9.7.2.1. (1) Doors opening onto corridors that are **access to exits** and that serve resident **suites**, and resident sleeping rooms not within **suites**, in **care occupancies** and **retirement homes** shall be equipped with self-closing devices.
- (2) Sentence (1) does not apply
 - (a) in **buildings 3 storeys** or less in **building height** that provide sleeping accommodation for 10 or fewer persons, and
 - (b) in **buildings** where all of the corridors referred to in Sentence (1) are subdivided in accordance with Sentence (3).
- (3) The corridor subdivision referred to in Clause (2)(b) shall
 - (a) subdivide the corridor into at least two zones using **fire separations** that contain smoke-tight doors equipped with self-closing devices that act as **closures**,
 - (b) be arranged so that each subdivided corridor zone is able to accommodate, in addition to its own occupants, the occupants from any single adjacent zone, based on the requirements of 1.6 m² per person, unless otherwise **approved**, and
 - (c) be arranged so that the travel distance from any point in a subdivided corridor zone to an adjacent zone is no more than 15 m.

Subsection 9.7.3. Means of Egress

Emergency lighting

- 9.7.3.1. (1) Emergency lighting shall be provided in **exit stairways**, **public corridors** and other principal **access to exits**.
- (2) The emergency lighting shall be
 - (a) designed to provide illumination for a duration of at least 30 min,
 - (b) supplied by a source of energy that is separate from the primary electrical supply for the **building**, and
 - (c) designed to be automatically activated when the power to the **building** is interrupted.
- (3) The emergency lighting shall provide illumination that is at least an average of 10 lx at floor or tread level or at least 1 watt / m² of floor space.
- (4) Sentence (1) does not apply in **buildings 3 storeys** or less in **building height** that provide sleeping accommodation for 10 or fewer persons.

Subsection 9.7.4. Fire Alarm and Detection

Fire signal to fire department

- 9.7.4.1. (1) Fire alarm systems shall have provision for notifying the **fire department** in accordance with Article 3.2.4.7. of the **1990 Building Code** that a **fire alarm signal** or **alert signal** has been activated.
- (2) Fire alarm systems equipped with a monitoring service that complies with CAN/ULC-S561, “Installation and Services for Fire Signal Receiving Centres and Systems” are deemed to comply with Sentence (1).
- (3) Sentence (1) does not apply to **buildings** equipped with an interconnected **smoke alarm** system.

Sprinkler signal to fire department

- 9.7.4.2. (1) Sprinkler systems required by this Section shall have provision for notifying the **fire department** in accordance with Article 3.2.4.7. of the **1990 Building Code** that the sprinkler system has been activated.
- (2) Sprinkler systems equipped with a monitoring service that complies with CAN/ULC-S561, “Installation and Services for Fire Signal Receiving Centres and Systems” are deemed to comply with Sentence (1).

(2) Despite Sentence (1), an **exit** through a lobby or other entrance area that is within a stairway separation may be breached if the stairway is separated from the entrance area by a **fire separation** having a **fire-resistance rating** not less than 45 min.

9.9.2.18. No stairway enclosure or corridor shall be used as a **plenum** to exhaust air from other areas.

Cooking operations

* 9.9.2.19. (1) An existing cooking operation that complies with Sentences (2) to (6) is deemed to comply with Sentence 2.6.1.12.(1).

(2) Cooking operations shall have an existing exhaust system which, unless otherwise **approved**, shall be provided with

- (a) a hood or other primary collection device to collect and confine all cooking vapours and residues emanating from the cooking equipment,
- (b) a grease filter or other means of grease extraction,
- (c) a duct from the hood or other primary collection device which
 - (i) leads as directly as possible to the outside,
 - (ii) is independent and not connected to any other ventilation system, and
 - (iii) has adequate openings for **inspection** and cleaning purposes that are equipped with tight fitting doors,
- (d) a residue trap with provisions for cleanout at the base of each vertical riser, and
- (e) mechanically induced air flow of sufficient velocity to confine cooking vapours and residues to the hood or other primary collection means installed at the cooking equipment.

(3) Pipes, ducts, **plenums** and other components of the exhaust system shall be constructed of steel, **approved** noncombustible material or other **approved** material.

(4) Insulating material and adhesive used in the exhaust system shall be noncombustible or shall have a **flame-spread rating** of 25 or less or shall have some other **approved** composition.

(5) The cooking operation shall be

- (a) located in a kitchen that is separated from the remainder of the **building** by a **fire separation** having a **fire-resistance rating** not less than 45 min, or
- (b) protected by a fixed fire protection system.

(6) The **fire separation** referred to in Sentence (5) may contain an unprotected pass-through opening into the adjoining dining area if **approved** measures are provided to limit fire spread.

Subsection 9.9.3. Means of Egress

Occupant load

9.9.3.1. (1) The **occupant load** for calculation of the number and width of **access to exits** and **exits** referred to in this Section shall be determined in accordance with Subsection 3.1.16. of the **1994 Building Code**.

(2) The **occupant load** of a **floor area** may vary if it is used for different **occupancies** at different times, but the **exits** from the **floor area** shall provide the aggregate **exit** width prescribed in Article 9.9.3.2. for the greatest **occupant load**.

Access to exit

9.9.3.2. (1) Each room, **guest suite**, podium, terrace, platform, contained open space or other area intended for **occupancy** shall have egress facilities leading directly to

- (a) a public thoroughfare,
- (b) an **approved** open space that has access to a public thoroughfare, or
- (c) a corridor where it is possible to go in opposite directions to separate **exits**, except as otherwise permitted by this Article or Article 9.9.3.3.

Dead end corridors

(2) Dead end corridors shall not be longer than 6 m plus the width of the corridor, unless otherwise **approved**.

(3) Unless otherwise **approved**, no area may be served by a dead end corridor where

- (a) the area contains an **assembly occupancy** and its **occupant load** is greater than 20 persons,

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- (b) the area is intended for storage and exceeds 200 m², or
 - (c) the area is intended for a use other than that described in Clauses (a) and (b) and exceeds 100 m² in area or has an **occupant load** greater than 24 persons.
- (4) If a **guest suite** has access to a second **exit** or if a **guest suite** is in a **building** that is permitted to be served by a single **exit** in compliance with Article 9.9.3.3., a doorway from the **guest suite** may open onto
- (a) an **exit** stairway,
 - (b) a fire escape,
 - (c) a corridor served by a single **exit**, or
 - (d) an exterior passageway served by a single **exit** stairway.

Egress facilities

(5) Each room, **guest suite**, podium, terrace, platform, contained open space or other area intended for **occupancy** shall have two egress doorways placed in such a manner that one doorway could provide egress from the room or area if the other doorway becomes inaccessible to the occupants due to a fire which might originate in the room or area where

- (a) the space is intended for **assembly occupancy**, and
 - (i) the distance of travel to an egress door from any point in the space exceeds 15 m, or
 - (ii) the **occupant load** exceeds 60 persons,
 - (b) the space is intended for storage, and
 - (i) exceeds 200 m² in area, or
 - (ii) the distance of travel to an egress door from any point in the space exceeds 23 m, or
 - (c) the space is intended for a use other than that described in Clauses (a) and (b), and
 - (i) exceeds 100 m² in area, or
 - (ii) the **occupant load** exceeds 60 persons.
- (6) Despite Sentence (5), every room containing an **assembly occupancy** shall be provided with at least
- (a) three independent well-separated egress doorways, where its **occupant load** is 600 persons or more, and
 - (b) four independent well-separated egress doorways where its **occupant load** is 1000 persons or more.

(7) Where a room or **floor area** is divided into individual spaces for **assembly occupancy**, egress through an adjacent **assembly occupancy** is permitted provided each space has at least one independent egress doorway in accordance with Sentence (1) and dividing walls or **partitions** are not more than 1.35 m in height.

(8) Dividing walls or **partitions** in Sentence (7) may exceed 1.35 m in height if alternative provisions are **approved** to provide safe egress.

Egress widths

(9) The aggregate width of required **means of egress** from a **floor area** or portion of a **floor area** shall be determined by multiplying the **occupant load** of the area served by

- (a) 6.1 mm per person, for ramps with a gradient of not more than 1 in 8, doorways, corridors and passageways, or
- (b) 9.2 mm per person, for ramps with a gradient of more than 1 in 8 and stairs.

(10) Where two or more egress doorways are required from a **floor area** or portion of a **floor area**, a sufficient aggregate width shall be provided so that the egress capacity is not reduced by more than half if any one doorway or opening is inaccessible in an emergency.

- (11) Despite Sentences (9) and (10), the minimum clear width of a **means of egress** shall be not less than
- (a) 1100 mm for corridors,
 - (b) 900 mm for stairs, and
 - (c) 750 mm for doorways, ramps and all other areas.

Number of exits

9.9.3.3. (1) Each **floor area** shall be served by a minimum of two **exits** where

- (a) the **floor area** is intended for **assembly occupancy**, and
 - (i) the distance of travel to an **exit** from any point in the space exceeds 15 m, or
 - (ii) the **occupant load** exceeds 60 persons,
- (b) the **floor area** is intended for storage, and
 - (i) exceeds 200 m² in area, or
 - (ii) the distance of travel to an **exit** from any point in the space exceeds 23 m,

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Fire Code Supplement FCS-1

**OBJECTIVES
AND
FUNCTIONAL STATEMENTS
ATTRIBUTED TO THE
ACCEPTABLE SOLUTIONS**

December 2018

COMMENCEMENT

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Objectives and Functional Statements Attributed to the Acceptable Solutions

1. SCOPE

This document prescribes, for the purposes of Subsection 1.2.2. in Division A of the Fire Code, the **objectives** and **functional statements** that have been attributed to **acceptable solutions** set out in Division B of the Fire Code.

2. OBJECTIVES AND FUNCTIONAL STATEMENTS

The **objectives** referred to in this document are those set out in Part 2 of Division A of the Fire Code.

The **functional statements** referred to in this document are those set out in Part 3 of Division A of the Fire Code.

3. ATTRIBUTION TO ACCEPTABLE SOLUTIONS

For the purposes of compliance with the Fire Code, as provided in Clause 1.2.2.1.(1)(b) of Division A, the **objectives** and **functional statements** attributed to the **acceptable solutions** in Division B shall be the **objectives** and **functional statements** set out in Tables 2 to 9.

Where **objectives** and **functional statements** have not been attributed to an **acceptable solution** in Tables 2 to 9, the provisions of Clause 1.2.2.1.(1)(b) of Division A of the Fire Code do not apply and compliance with the Fire Code must be achieved by complying with the **acceptable solution** specified in Division B of the Fire Code. Refer to Sentence 1.2.2.1.(3) of the Fire Code for additional details.

4. USING THE TABLES

For the purposes of Tables 2 to 9, a notation made by the following mark “ ... ” identifies text contained in the Fire Code that is included for the purposes of the attribution but is omitted from the table for brevity. A notation made by the following mark “ ___ ” identifies text contained in the Fire Code that is deliberately excluded for the purposes of the attribution.

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Table 2
Objectives and Functional Statements Attributed to the
Acceptable Solutions in Part 2 of Division B

Acceptable Solution	Objectives and Functional Statements
SECTION 2.1	GENERAL
Subsection 2.1.1.	Scope and Application
2.1.1.1.	Note ¹
2.1.1.2.	Note ¹
2.1.1.3. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
Subsection 2.1.2.	Classification of Buildings or Parts of Buildings by Major Occupancy
2.1.2.1.	Note ¹
2.1.2.2.	[F01-OS1.1,OS1.2,OS1.5,OP1.1,OP1.2] [F03-OS1.2,OS1.5,OP1.2] [F04-OS1.3,OP1.3]
2.1.3.1.	Note ¹
SECTION 2.2	FIRE SEPARATIONS
Subsection 2.2.1.	Major Occupancies
2.2.1.1.	[F82-OS1.2,OP1.2]
Subsection 2.2.2.	Rooms and Spaces
2.2.2.1.	[F82-OS1.2,OP1.2]
Subsection 2.2.3.	Closures
2.2.3.1.	[F82-OS1.2,OP1.2]
2.2.3.2. (1)	[F82-OS1.2,OP1.2]
2.2.3.3.	Note ¹
2.2.3.4. (1)	[F03-OS1.2,OP1.2]
(2)	[F82-OS1.2,OP1.2]
(3)	Note ¹
(4)	[F82-OS1.4,OP1.4]
(5)	[F81-OS1.2,OS1.4,OP1.2,OP1.4]
2.2.3.4.	[F82-OS1.4,OP1.4]
2.2.3.5.	[F82-OS1.2,OP1.2]
SECTION 2.3	INTERIOR FINISHING, FURNISHING AND DECORATIVE MATERIALS
Subsection 2.3.1.	General
2.3.1.1. (1)	[F02-OS1.2,OP1.2]
(2)	Note ¹
2.3.1.2.	[F02-OS1.2,OP1.2]
Subsection 2.3.2.	Textile Flammability
2.3.2.1. (1)	[F02-OS1.2,OS1.5,OP1.2]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
(2)	Note ¹
(3)	Note ¹
2.3.2.2.	[F82-OS1.2,OS1.5,OP1.2]
SECTION 2.4	FIRE HAZARDS
Subsection 2.4.1.	Combustible Materials
2.4.1.1. (1)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2,OP3.1]
(2)	[F01-OS1.1,OP1.1] [F02,F03-OS1.2,OP1.2]
(3)	Note ¹
(4)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
(5)	[F02-OS1.2,OP1.2]
(6)	[F03-OS1.2,OP3.1]
2.4.1.2.	Note ¹
2.4.1.3. (1)	[F01-OS1.1,OP1.1]
(2)	Note ¹ Applies to the following text in the Fire Code: “combustible materials shall not be stored with ashes in the same receptacle”. [F01-OS1.1] Applies to the following text in the Fire Code: “Ashes shall be stored in receptacles that conform to Sentence (3)”.
(3)	[F03-OS1.2,OP1.2]
2.4.1.4. (1)	[F03-OS1.2,OP1.2]
2.4.1.5.	[F01-OS1.1,OP1.1]
2.4.1.6.	[F01-OS1.1,OP1.1] [F44-OS1.2,OP1.2]
Subsection 2.4.2.	RESERVED
Subsection 2.4.3.	Smoking
2.4.3.1. (1)	[F01-OS1.1,OP1.1]
(2)	[F02-OS1.2,OP1.2]
2.4.3.2.	[F81-OS1.1,OP1.1]
Subsection 2.4.4.	Open Flames
2.4.4.1. (1)	[F01-OS1.1,OP1.1]
(2)	Note ¹
(3)	[F01-OS1.1,OP1.1]
2.4.4.2. (1)	Note ¹
(2)	[F01-OS1.1,OP1.1]
(3)	[F01-OS1.1,OP1.1]
(4)	[F02,F12-OS1.2,OP1.2]
2.4.4.3.	[F01-OS1.1,OP1.1]

Acceptable Solution	Objectives and Functional Statements
2.4.4.4. (1)	[F01,F81-OS1.1,OP1.1] [F02,F03,F81-OS1.2,OP1.2,OP3.1]
(2)	Note ¹
Subsection 2.4.5.	Use of Hazardous Materials
2.4.5.1.	[F01-OS1.1,OP1.1]
2.4.5.2.	Note ¹
Subsection 2.4.6.	Electrical Hazards
2.4.6.1.	[F01-OS1.1,OP1.1]
Subsection 2.4.7.	Vacant Buildings
2.4.7.1.	[F34-OS1.1,OP1.1]
SECTION 2.5	FIRE DEPARTMENT ACCESS TO BUILDINGS
Subsection 2.5.1.	General
2.5.1.1. (1)	Note ¹
2.5.1.2. (1)	[F12-OS1.2,OP1.2]
(2)	[F12-OS1.2,OP1.2]
2.5.1.3.	[F12-OS1.2,OP1.2]
2.5.1.4.	[F12-OS1.2,OP1.2]
SECTION 2.6	SERVICE EQUIPMENT
Subsection 2.6.1.	Heating, Ventilating and Air-Conditioning
2.6.1.1.	Note ¹
2.6.1.2.	[F01-OS1.1,OP1.1]
2.6.1.3. (1)	[F01,F82-OS1.1,OP1.1] [F02,F82-OS1.2,OP1.2]
(2)	Note ¹
2.6.1.4. (1)	[F01,F82-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
(2)	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2] [F04-OS1.3,OP1.3]
(3)	[F82-OS1.1,OS1.2,OS1.3,OP1.1,OP1.2,OP1.3]
2.6.1.5.	[F82-OS1.1,OP1.1,OS1.2,OP1.2]
2.6.1.6.	RESERVED
2.6.1.7.	[F01-OS1.1] [F82-OS1.1,OS1.2,OP1.1,OP1.2]
2.6.1.8. (1)	[F82-OS1.2,OP1.2]
(2)	Note ¹
2.6.1.9.	[F01-OS1.1,OP1.1] [F81-OS1.1,OS1.2,OP1.1,OP1.2]
2.6.1.10. (1)	[F01-OS1.1,OP1.1] [F02,F03-OS1.2,OP1.2]
2.6.1.11.	[F43,F81-OS1.1,OP1.1]
2.6.1.12. (1)	[F01-OS1.1]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
	[F02,F03,F12-OS1.2,OP1.2] [F81-OS1.4,OP1.4]
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
2.6.1.13.	[F82-OS1.1,OS1.2,OS1.4,OP1.1,OP1.2,OP1.4]
2.6.1.14. (1)	[F12-OS1.2,OP1.2]
(2)	Note ¹
Subsection 2.6.2.	Solid-Fuel-Burning Appliances
2.6.2.1.	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2]
2.6.2.2.	[F01-OS1.1,OP1.1] [F82-OS1.1,OS1.2,OP1.1,OP1.2]
Subsection 2.6.3.	Incinerators
2.6.3.1. (1)	[F01-OS1.1,OP1.1,OP3.1] [F81-OS1.1,OP1.1]
(2)	Note ¹ Applies to the following text in the Fire Code: “the flue venting an incinerator shall not serve as the chute conveying waste material to the incinerator”. [F01-OS1.1] [F03-OS1.2,OP3.1] [F81-OS1.1,OS1.2] [F82-OS1.1] Applies to the following text in the Fire Code: “The design, construction, installation, alteration and maintenance of outdoor incinerators shall conform to NFPA 82, “Standard on Incinerators and Waste and Linen Handling Systems and Equipment”.
2.6.3.2.	[F01-OS1.1,OP1.1,OP3.1] [F82-OS1.2,OP1.2]
2.6.3.3. (1)	[F82-OS1.1,OP1.1]
(2)	[F01,F82-OS1.1,OP1.1]
Subsection 2.6.4.	Electrical Equipment Vaults
2.6.4.1.	Note ¹
2.6.4.2.	[F34-OS1.1,OP1.1]
SECTION 2.7	SAFETY TO LIFE
Subsection 2.7.1.	Means of Egress and Occupant Load
2.7.1.1.	[F10-OS1.5]
2.7.1.2.	RESERVED
2.7.1.3.	RESERVED
2.7.1.4. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
(3)	[F10-OS1.5]
(4)	Note ¹
(5)	Note ¹
(6)	Note ¹
(7)	[F10-OS1.5]
2.7.1.5. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]
2.7.1.6. (1)	Note ¹
(2)	[F10-OS1.5]
(3)	[F10-OS1.5]
(4)	Note ¹
(5)	[F10-OS1.5]
(6)	[F10-OS1.5]
(7)	[F10-OS1.5]
(8)	Note ¹
2.7.1.7. (1)	[F10,F30,F82-OS1.5] [F12-OS1.2,OP1.2]
(2)	[F82-OS1.5]
(3)	Note ¹
2.7.1.8. (1)	[F10-OS1.5] [F12-OS1.2,OP1.2] [F82-OS1.2,OS1.5,OP1.2]
(2)	[F10-OS1.5] [F12-OS1.2,OP1.2] [F82-OS1.2,OS1.5,OP1.2]
2.7.1.9. (1)	[F10-OS1.5]
(2)	Note ¹
(3)	[F10-OS1.5]
(4)	Note ¹
(5)	[F10-OS1.5]
(6)	[F10-OS1.5]
Subsection 2.7.2.	Door Hardware
2.7.2.1. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]
(3)	[F10-OS1.5]
(4)	Note ¹
(5)	Note ¹
2.7.2.2. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]
(3)	[F10-OS1.5]
(4)	[F10-OS1.5]
(5)	[F10-OS1.5]

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(6)	[F81-OS1.4,OS1.5]
(7)	Note ¹
Subsection 2.7.3.	Exit Lighting and Emergency Lighting
2.7.3.1.	[F10,F82-OS1.5]
2.7.3.2. (1)	[F10-OS1.5]
(2)	[F82-OS1.5]
2.7.3.3. (1)	[F82-OS1.5]
(2)	[F82-OS1.5]
(3)	[F82-OS1.5]
(4)	[F82-OS1.5]
(5)	[F82-OS1.5]
(6)	[F82-OS1.5]
Subsection 2.7.4.	Indoor Public Amusement Areas
2.7.4.1. (1)	[F01-OS1.1] [F02-OS1.2] [F10-OS1.5]
(2)	[F01-OS1.1] [F02-OS1.2]
2.7.4.2. (1)	[F10,F36-OS1.5]
SECTION 2.8	EMERGENCY PLANNING
Subsection 2.8.1.	General
2.8.1.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
2.8.1.2. (1)	[F12-OS1.2,OS1.4,OS1.5,OP1.2,OP1.4]
(2)	[F12-OS1.2,OS1.4,OS1.5]
(3)	Note ¹
2.8.1.3. (1)	[F12-OS1.2,OS1.4,OS1.5,OP1.2,OP1.4]
Subsection 2.8.2.	Fire Safety Plan
2.8.2.1. (1)	[F11-OS1.5] [F13-OS1.2,OS1.5,OP1.2]
(2)(a)(i)	[F11-OS1.5] [F13-OS1.2,OS1.5,OP1.2]
(ii)	[F13-OS1.2,OS1.5,OP1.2]
(iii)	[F11-OS1.5]
(iv)	[F10-OS1.5]
(v)	[F12,F36-OS1.5]
(vi)	[F02-OS1.2,OP1.2]
(b)	[F12-OS1.2,OS1.5,OP1.2]
(c)	[F12-OS1.2,OS1.5,OP1.2]
(d)	[F12-OS1.2,OS1.5,OP1.2]

Acceptable Solution	Objectives and Functional Statements
(e)	[F10,F12-OS1.5]
(f)	[F01-OS1.1,OP1.1]
(g)	[F82-OS1.1,OS1.2,OP1.1,OP1.2]
(h)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2] [F10,F11,F36-OS1.5] [F12-OS1.2,OS1.5] [F13-OS1.2,OS1.5,OP1.2] [F82-OS1.1,OS1.2,OP1.1,OP1.2]
(3)	[F12-OS1.2,OS1.5,OP1.2]
(4)	Note ¹
(5)	[F12-OS1.2,OS1.5,OP1.2]
(6)	[F11-OS1.5] [F13-OS1.2,OS1.5,OP1.2]
(7)	Note ¹
(8)	Note ¹
2.8.2.2. (1)	[F01-OS1.1] [F02-OS1.2] [F12-OS1.2,OS1.4,OS1.5]
(2)	[F01-OS1.1] [F02-OS1.2] [F12-OS1.2,OS1.4,OS1.5]
2.8.2.3. (1)	[F12-OS1.2,OS1.5,OP1.2] [F11-OS1.5]
2.8.2.4.	F12-OS1.2,OS1.4,OS1.5,OP1.2,OP1.4]
2.8.2.5. (1)	[F10-OS1.5]
(2)(a)	[F12-OS1.2,OS1.5,OP1.2]
(b)	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2] [F10-OS1.5]
(3)	[F13-OS1.2,OP1.2]
Subsection 2.8.3.	Fire Drills
2.8.3.1. (1)	[F10-OS1.5] [F12-OS1.2,OS1.5,OP1.2]
(2)	Note ¹
2.8.3.2. (1)	[F10-OS1.5] [F12-OS1.2,OS1.5,OP1.2]
(2)	[F10-OS1.5] [F12-OS1.2,OS1.5,OP1.2]
(3)	[F10-OS1.5] [F12-OS1.2,OS1.5,OP1.2]
(4)	[F10-OS1.5] [F12-OS1.2,OS1.5,OP1.2]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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(5)	[F10-OS1.5] [F12-OS1.2,OS1.5,OP1.2]
(6)	[F10-OS1.5] [F12-OS1.2,OS1.5,OP1.2]
2.8.3.3.	Note ¹
2.8.3.4. (1)	Note ¹
(2)	Note ¹
2.8.3.5.	[F10-OS1.5] [F12-OS1.2,OS1.5,OP1.2]
SECTION 2.9	TENTS AND AIR-SUPPORTED STRUCTURES
Subsection 2.9.1.	General
2.9.1.1.	Note ¹
2.9.1.2.	Note ¹
Subsection 2.9.2.	Materials
2.9.2.1.	[F82-OS1.2,OS1.5,OP1.2]
Subsection 2.9.3.	Fire Hazards and Control
2.9.3.1. (1)	[F02-OS1.2]
(2)	Note ¹
(3)	Note ¹
2.9.3.2.	[F01-OS1.1,OP1.1]
2.9.3.3. (1)	Note ¹
2.9.3.4. (1)	[F10-OS1.5] [F12-OS1.2,OS1.5]
2.9.3.5.	[F11-OS1.5] [F13-OS1.2,OP1.2]
SECTION 2.10	DAY CARE CENTRES
Subsection 2.10.1.	Application
2.10.1.1. (1)	Note ¹
(2)	Note ¹
Subsection 2.10.2.	Combustible Materials
2.10.2.1.	[F02-OS1.2,OP1.2]
2.10.2.2.	[F02,F03-OS1.2,OP1.2]
2.10.2.3.	Note ¹ Applies to the following text in the Fire Code: “ Flammable liquids and combustible liquids shall be stored in conformance with Part 4”. [F01,F34-OS1.1] Applies to the following text in the Fire Code: “ Flammable liquids and combustible liquids shall be stored ___ in areas inaccessible to children”.
Subsection 2.10.3.	Staffing
2.10.3.1.	[F12-OS1.5]

Acceptable Solution	Objectives and Functional Statements
SECTION 2.11	INSULATION AND RE-INSULATION
Subsection 2.11.1.	General
2.11.1.1.	Note ¹
2.11.1.2.	[F02-OS1.2,OP1.2]
2.11.1.3.	[F03-OS1.2,OP1.2]
SECTION 2.12	COVERED MALLS
Subsection 2.12.1.	General
2.12.1.1. (1)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2] [F10-OS1.5]
(2)	Note ¹
2.12.1.2.	[F02-OS1.2,OP1.2]
2.12.1.3. (1)	[F03-OS1.2,OP3.1]
(2)	Note ¹
2.12.1.4.	Note ¹
2.12.1.5.	[F11-OS1.5] [F12-OS1.2,OS1.5,OP1.2] [F13-OS1.2,OP1.2]
2.12.1.6.	Note ¹
2.12.1.7.	[F01,F81-OS1.1,OP1.1]
SECTION 2.13	INSTALLATION OF SMOKE ALARMS
Subsection 2.13.1.	Application and Responsibility
2.13.1.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
2.13.1.2.	Note ¹
Subsection 2.13.2.	Installation Requirements
2.13.2.1. (1)	[F11-OS1.5]
(2)	[F81-OS1.4]
(3)	[F11-OS1.5] [F81-OS1.4]
SECTION 2.14	OUTDOOR PUBLIC AMUSEMENT AREAS
Subsection 2.14.1.	General
2.14.1.1.	Note ¹
2.14.1.2. (1)	[F01-OS1.1] [F02-OS1.2] [F10-OS1.5]
(2)	[F01-OS1.1] [F02-OS1.2]
2.14.1.3.	[F01-OS1.1]
2.14.1.4. (1)	[F10,F36-OS1.5]
2.14.1.5. (1)(a)	[F11-OS1.5]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
	[F13-OS1.2,OS1.5,OP1.2]
(b)	[F10-OS1.5]
(c)	[F12-OS1.2,OS1.5,OP1.2]
(d)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
(2)	Note ¹
SECTION 2.15	PORTABLE OXYGEN SYSTEMS
Subsection 2.15.1.	General
2.15.1.1.	Note ¹
2.15.1.2.	[F01-OS1.1] [F02,F03-OS1.2,OP1.2]
SECTION 2.16	INSTALLATION OF CARBON MONOXIDE ALARMS
Subsection 2.16.1.	Application and Responsibility
2.16.1.1. (1)	Note ¹
(2)	Note ¹
2.16.1.2.	Note ¹
Subsection 2.16.2.	Installation Requirements
2.16.2.1. (1)	[F11-OS3.4]
(2)	[F11- OS3.4]
(3)	[F11- OS3.4]
(4)	[F11,F81- OS3.4]
(5)	[F11,F81- OS3.4]
(6)	[F11,F81- OS3.4]
(7)	[F11- OS3.4]

Table 3
Objectives and Functional Statements Attributed to the
Acceptable Solutions in Part 3 of Division B

Acceptable Solution	Objectives and Functional Statements
SECTION 3.1	GENERAL
Subsection 3.1.1.	Application
3.1.1.1.	Note ¹
SECTION 3.2	OUTDOOR STORAGE
Subsection 3.2.1.	Outdoor Storage of Tires
3.2.1.1. (1)	Note ¹
(2)	Note ¹
3.2.1.2. (1)	Note ¹
(2)	Note ¹
(3)	[F01-OS1.1,OH5,OP1.1]
(4)	[F01-OS1.1,OH5,OP1.1] [F06-OS1.2] [F12-OS1.2,OS3.3,OP1.2]
3.2.1.3. (1)	Note ¹
(2)	[F12-OS1.2,OH5,OP1.2]
(3)	[F12-OS1.2,OH5,OP1.2]
(4)	[F13-OS1.2,OH5,OP1.2]
3.2.1.4. (1)	[F02,F12-OS1.2,OH5,OP1.2] [F04-OS1.3]
(2)	[F01-OH5,OP1.1] [F03,F12-OH5, OP1.2,OP3.1]
(3)	[F03,F12-OS1.2,OH5,OP1.2]
3.2.1.5. (1)	Note ¹
(2)	[F02-OH5,OP1.2,OP3.1]
(3)	[F03-OH5,OP1.2,OP3.1]
3.2.1.6. (1)	Note ¹
3.2.1.7. (1)	[F12-OS1.2,OH5,OP1.2,OP3.1]
(2)	[F12-OS1.2,OH5,OP1.2,OP3.1]
(3)	Note ¹
3.2.1.8. (1)	[F34-OH5,OP1.1]
(2)	[F34-OH5,OP1.1]
(3)	[F12-OS1.2,OH5,OP1.2]
(4)	[F12-OS1.2,OH5,OP1.2]
(5)	[F12-OS1.2,OH5,OP1.2]
(6)	[F34-OH5,OP1.1]
3.2.1.9. (1)	[F12-OS1.2,OH5,OP1.2]
(2)	[F02-OS1.2,OH5,OP1.2]
(3)	[F02-OS1.2,OH5,OP1.2]

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Acceptable Solution	Objectives and Functional Statements
(4)	[F12-OS1.2,OH5,OP1.2]
3.2.1.10.	Note ¹
3.2.1.11.	[F02,F12-OS1.2,OH5,OP1.2]
Subsection 3.2.2.	Outdoor Storage of Lumber and Forest Products
3.2.2.1. (1)	Note ¹
(2)	Note ¹
3.2.2.2. (1)	[F03,F12-OP1.2,OP3.1] [F04-OS1.3,OP1.2,OP3.1]
(2)	Note ¹
3.2.2.3. (1)	[F03,F12-OP1.2,OP3.1] [F04-OS1.3,OP3.1]
(2)	Note ¹
3.2.2.4. (1)	[F03-OP1.2,OP3.1]
(2)	[F03-OP1.2,OP3.1]
(3)	[F12-OS1.2,OP1.2]
3.2.2.5. (1)	[F03-OP3.1]
(2)	Note ¹
3.2.2.6.	[F03-OP1.2,OP3.1]
3.2.2.7.	[F03-OP1.2,OP3.1]
3.2.2.8.	[F02-OP3.1,OS1.2] [F03-OP1.2]
3.2.2.9.	[F01-OS1.1] [F06-OS1.4,OP1.4] [F32-OS3.3]
3.2.2.10.	[F02-OS1.2,OP1.2]
3.2.2.11.	[F02,F12-OS1.2,OP1.2]
3.2.2.12. (1)	[F12-OS1.2,OP3.1]
(2)	[F12-OS1.2,OP1.2,OP3.1]
3.2.2.13. (1)	[F12-OS1.2,OP1.2,OP3.1]
(2)	[F12-OS1.2,OP1.2,OP3.1]
3.2.2.14.	[F02,F03-OP1.2] [F12-OS1.2,OP1.2,OP3.1]
3.2.2.15.	[F12-OS1.2,OP1.2,OP3.1]
3.2.2.16.	RESERVED
3.2.2.17.	[F01-OS1.1,OP1.1,OP3.1]
3.2.2.18.	[F01-OS1.1,OP1.1] [F03-OS1.2,OP3.1]
3.2.2.19.	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2,OP3.1]
3.2.2.20.	[F03-OS1.2,OP1.2]
3.2.2.21.	Note ¹
3.2.2.22.	[F01-OS1.1,OP1.1]

Acceptable Solution	Objectives and Functional Statements
3.2.2.23.	[F13-OS1.2,OP1.2,OP3.1]
3.2.2.24. (1)	[F02,F12-OS1.2,OP1.2]
(2)	[F12,F81-OS1.4,OP1.4]
(3)	[F12-OS1.2,OP1.2]
(4)	[F02,F12-OS1.2,OP1.2]
3.2.2.25	Note ¹
3.2.2.26.	Note ¹
3.2.2.27.	[F12-OS1.2,OP1.2,OP3.1]
Subsection 3.2.3.	Outdoor Storage of Wood Chips
3.2.3.1. (1)	Note ¹
(2)	Note ¹
3.2.3.2.	[F12-OP1.2,OP3.1]
3.2.3.3.	[F03-OP1.2,OP3.1]
3.2.3.4. (1)	[F03-OP1.2,OP3.1]
(2)	Note ¹
3.2.3.5.	[F12-OS1.2,OP1.2,OP3.1]
3.2.3.6. (1)	[F03-OP1.2] [F12-OS1.2,OP1.2,OP3.1]
(2)	[F03-OP1.2] [F12-OS1.2,OP1.2,OP3.1]
3.2.3.7.	[F12-OS1.2,OP1.2,OP3.1]
3.2.3.8. (1)	[F12-OS1.2,OP1.2,OP3.1]
(2)	Note ¹
3.2.3.9.	[F12-OS1.2,OP1.2,OP3.1]
3.2.3.10.	Note ¹
3.2.3.11.	[F12-OS1.2,OP1.2]
3.2.3.12. (1)	[F12-OS1.2,OP1.2,OP3.1]
(2)	[F02-OS1.2,OP1.2] [F12-OP1.2,OP3.1]
(3)	[F02,OS1.2] [F12-OP1.2,OP3.1]
3.2.3.13.	Note ¹
SECTION 3.3	INDOOR STORAGE
Subsection 3.3.1.	Indoor Tire Storage
3.3.1.1.	Note ¹
3.3.1.2.	[F02,F12-OS1.2,OP1.2]
3.3.1.3. (1)	[F02-OS1.2,OP1.2]
(2)	[F02-OS1.2,OP1.2]
3.3.1.4.	[F02-OS1.2,OP1.2]
3.3.1.5.	[F03,F12-OS1.2,OP1.2]
3.3.1.6.	[F04-OS1.3,OP1.3]
3.3.1.7.	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
3.3.1.8. (1)	[F02,F04-OS1.2,OP1.2]
(2)	[F02,F04-OS1.2,OP1.2]
3.3.1.9.	[F12-OS1.2,OP1.2]
3.3.1.10. (1)	Note ¹ Applies to the following text in the Fire Code: “In addition to the requirements of Section 6.2”. [F02,F12-OS1.2,OP1.2] Applies to the following text in the Fire Code: “multi-purpose dry chemical portable extinguishers ... does not exceed 25 m”.
Subsection 3.3.2.	Indoor General Storage
3.3.2.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
3.3.2.2. (1)	[F02,F12-OS1.2,OP1.2]
(2)	[F02,F12-OS1.2,OP1.2]
(3)	[F02,F12-OS1.2,OP1.2]
(4)	[F04-OS1.2,OP1.2,OS1.5]
(5)	[F02-OS1.2,OP1.2]
3.3.2.3. (1)	[F02-OS1.2,OP1.2]
(2)	[F02,F04-OS1.2,OS1.3,OP1.2,OP1.3]
3.3.2.4.	[F12-OS1.2,OP1.2]
3.3.2.5.	[F12-OS1.2,OP1.2]
3.3.2.6. (1)	[F12-OS1.2,OP1.2]
(2)	[F10-OS1.5] [F12-OS1.2,OP1.2] [F82-OS1.4]
(3)	[F10-OS1.5] [F12-OS1.2,OP1.2]
(4)	[F06-OS1.5] [F12-OS1.2,OP1.2]
(5)	Note ¹
(6)	[F12-OS1.2,OP1.2]
3.3.2.7.	[F04-OS1.3,OP1.3]
3.3.2.8.	[F03-OS1.2,OP1.2]
3.3.2.9.	[F02-OS1.2,OP1.2] [F03-OP3.1]
3.3.2.10. (1)	[F02-OS1.2,OP1.2]
(2)	[F02-OS1.2,OP1.2]
(3)	[F02-OS1.2,OP1.2]
3.3.2.11.	[F01-OS1.1,OP1.1]

Acceptable Solution	Objectives and Functional Statements
Subsection 3.3.3.	Indoor Storage of Ammonium Nitrate
3.3.3.1. (1)	Note ¹
(2)	Note ¹
3.3.3.2. (1)	Note ¹
(2)	Note ¹
(3)	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2]
(4)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
(5)	[F01,F81-OS1.1,OP1.1]
(6)	[F03-OP3.1]
(7)	Note ¹
(8)	Note ¹
(9)	Note ¹
(10)	[F03-OS1.2,OP1.2]
3.3.3.3. (1)	[F01,F81-OS1.1,OP1.1]
(2)	Note ¹
(3)	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2]
(4)	[F01-OS1.1,OP1.1]
3.3.3.4.	[F02,F12-OS1.2,OP1.2]
3.3.3.5. (1)	[F02-OS1.2,OP1.2] [F04-OS1.3]
(2)	[F02,F12-OS1.2,OP1.2]
(3)	Note ¹
(4)	[F12-OS1.2,OP1.2] [F81-OS1.1,OP1.1]
(5)	[F01-OS1.1,OP1.1]
(6)	[F81-OS1.1,OP1.1]
3.3.3.6. (1)	[F02-OS1.2,OP1.2]
(2)	Note ¹
3.3.3.7. (1)	Note ¹
(2)	[F01-OS1.1,OP1.1]
(3)	[F01-OS1.1,OP1.1]
(4)	[F01-OS1.1,OP1.1]
(5)	[F01-OS1.1,OP1.1]
3.3.3.8.	Note ¹
3.3.3.9. (1)	Note ¹
(2)	[F81-OS1.1,OP1.1]
3.3.3.10.	[F01-OS1.1,OP1.1]
Subsection 3.3.4.	Indoor Storage of Combustible Fibres
3.3.4.1.	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
3.3.4.2	[F02-OS1.2,OP1.2]
3.3.4.3. (1)	[F02,F03-OS1.2,OP1.2]
(2)	[F02,F03-OS1.2,OP1.2]
(3)	[F02,F03-OS1.2,OP1.2]
(4)	[F02,F03-OS1.2,OP1.2]
(5)	[F02,F03-OS1.2,OP1.2]
(6)	Note ¹
3.3.4.4. (1)(a)	[F02-OS1.2,OP1.2]
(b)	[F04-OS1.2,OS1.3,OP1.2,OP1.3]
(c)	[F03,F12-OS1.2,OP1.2]
(d)	[F04-OS1.3,OP1.3]
3.3.4.5.	[F04-OS1.2,OS1.3,OS1.5,OP1.2,OP1.3]
3.3.4.6. (1)	[F02-OS1.2,OP1.2]
(2)	[F02,F04-OS1.2,OS1.3,OP1.2,OP1.3]
3.3.4.7. (1)	[F01-OS1.1,OP1.1]
(2)	[F81-OS1.1,OP1.1]
3.3.4.8.	[F12-OS1.2,OP1.2]
3.3.4.9.	Note ¹
3.3.4.10.	[F04-OS1.3,OP1.3] [F12-OS1.2,OP1.2]
Subsection 3.3.5.	Indoor Storage of Matches
3.3.5.1.	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
3.3.5.2.	[F03-OS1.2,OP1.2]
3.3.5.3.	[F02,F03-OS1.2,OP1.2]
3.3.5.4.	[F03-OS1.2,OP1.2]
3.3.5.5.	[F03-OS1.2,OP1.2]
SECTION 3.4	INDUSTRIAL TRUCKS
Subsection 3.4.1.	General
3.4.1.1.	[F01-OS1.1,OP1.1]
Subsection 3.4.2.	Industrial Trucks
3.4.2.1. (1)	[F03-OS1.2,OP1.2]
(2)	[F01-OS1.1,OP1.1]
(3)	[F01-OS1.1,OP1.1]
(4)	[F02,F12-OS1.2,OP1.2]
(5)	Note ¹
3.4.2.2. (1)	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2]
(2)	[F02,F12-OS1.2,OP1.2]
(3)	[F01,F81-OS1.1,OP1.1]
3.4.2.3. (1)	[F01,F81-OS1.1,OP1.1]

Acceptable Solution	Objectives and Functional Statements
SECTION 3.5	SALVAGE SHOPS AND SALVAGE YARDS
Subsection 3.5.1.	General
3.5.1.1.	[F03-OS1.2,OP1.2]
3.5.1.2.	Note ¹
3.5.1.3.	[F01-OS1.1,OP1.1] [F02-OS1.2]
3.5.1.4.	[F12-OS1.2,OP1.2]
3.5.1.5.	[F02,F12-OS1.2,OP1.2]
3.5.1.6.	Note ¹
3.5.1.7.	[F12-OS1.2,OP1.2]
3.5.1.8.	Note ¹
3.5.1.9.	[F01-OS1.1,OP1.1]
3.5.1.10.	[F13-OP1.2,OS1.2]
Subsection 3.5.2.	Piling
3.5.2.1.	[F02,F12-OS1.2,OP1.2,OP3.1] [F03-OP3.1]
3.5.2.2.	[F03-OP1.2,OP3.1] [F12-OS1.2,OP1.2,OP3.1]
3.5.2.3.	[F03-OS1.2,OP1.2,OP3.1] [F12-OP1.2,OP3.1]
3.5.2.4. (1)	[F02,F12,F81-OS1.2,OP1.2]
(2)	[F12-OS1.2,OP1.2]
(3)	[F12-OS1.2,OP1.2]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Table 4
Objectives and Functional Statements Attributed to the
Acceptable Solutions in Part 4 of Division B

Acceptable Solution	Objectives and Functional Statements
SECTION 4.1	GENERAL
Subsection 4.1.1.	Application and Compliance
4.1.1.1. (1)	Note ¹
(2)	Note ¹
4.1.1.2. (1)	Note ¹
(2)	Note ¹
4.1.1.3.	Note ¹
4.1.1.4. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
Subsection 4.1.2.	Classification
4.1.2.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
4.1.2.2.	Note ¹
4.1.2.3. (1)	Note ¹
(2)	Note ¹
Subsection 4.1.3.	Flash Point
4.1.3.1. (1)	[F01-OS1.1]
(2)	[F01-OS1.1]
(3)	[F01-OS1.1]
(4)	[F01-OS1.1]
Subsection 4.1.4.	Electrical Installations
4.1.4.1. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]
Subsection 4.1.5.	Fire Prevention and Protection
4.1.5.1.	Note ¹
4.1.5.2.	RESERVED
4.1.5.3.	[F01-OS1.1,OP1.1]
4.1.5.4.	[F01-OS1.1,OP1.1]
4.1.5.5. (1)	[F01-OS1.1,OP1.1]
(2)	Note ¹
4.1.5.6.	Note ¹
4.1.5.7.	[F12-OS1.2,OP1.2,OP3.1]
4.1.5.8.	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
4.1.5.9. (1)	[F01,F12,F43-OS1.1,OP1.1] [F12-OS1.2,OP1.2]
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
4.1.5.10.	[F82-OS1.1,OS1.2,OS1.4,OP1.1,OP1.2,OP1.4]
Subsection 4.1.6.	Spill Control and Drainage Systems
4.1.6.1. (1)	[F44-OS1.1,OS1.2,OH5,OP1.1,OP1.2,OP3.1]
(2)	Note ¹
(3)	[F44-OS1.1,OS1.2,OH5,OP1.1,OP1.2]
(4)(a)	[F44-OS1.2,OP3.1]
(b)	[F44-OH5,OP3.1]
(c)	[F44-OS1.5]
(d)	[F44-OS1.2,OP3.1]
(e)	[F44-OS1.4,OP1.4]
(f)	[F44-OS1.2,OP1.2]
(g)	[F44-OS1.2,OP1.2]
(h)	[F44-OS1.2,OP1.2]
(i)	[F44-OS1.2,OP1.2]
(j)	[F44-OS1.2,OP1.2]
4.1.6.2. (1)(a)	[F44-OS1.1,OS1.2,OS1.4,OH5,OP1.1,OP1.2,OP1.4]
(b)	[F44-OS1.1,OS1.2,OS1.4,OP1.1,OP1.2,OP1.4,OP3.1]
(2)	[F03-OS1.2,OP1.2]
4.1.6.3. (1)	[F44,F82-OS1.1,OS1.2,OP1.1,OP1.2]
(2)	[F44-OS1.1,OS1.2,OP1.1,OP1.2]
(3)(a)	F03-OP3.1] [F44-OS1.1,OS1.2,OH5,OP1.1,OP1.2]
(b)	[F01,F44-OS1.1,OP1.1]
(4)	Note ¹
4.1.6.4. (1)	[F02-OS1.2,OP1.2] [F44-OS1.2,OP1.2,OP3.1]
(2)(a)	[F43,F81-OS1.1,OP1.1]
(b)	[F01-OS1.1,OP1.1]
(c)	[F01-OS1.1,OP1.1]
(d)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2] [F44-OS1.1,OS1.2,OP1.1,OP1.2]
(e)	[F12-OS1.2,OP1.2]
(f)	[F12-OS1.1,OS1.2,OP1.1,OP1.2]
(g)	[F82-OS1.1,OS1.2,OP1.1,OP1.2]
(h)	[F12-OS1.1,OS1.2,OP1.1,OP1.2]
(3)	[F12-OS1.1,OS1.2,OP1.1,OP1.2]

Acceptable Solution	Objectives and Functional Statements
Subsection 4.1.7.	Ventilation
4.1.7.1.	[F01-OS1.1,OP1.1]
4.1.7.2. (1)	[F01-OS1.1,OP1.1]
(2)	Note ¹
(3)	[F01-OS1.1,OP1.1]
(4)	[F01-OS1.1,OP1.1]
(5)	[F01,F11-OS1.1,OP1.1]
(6)	[F01-OS1.1,OP1.1]
4.1.7.3. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]
(3)	[F01-OS1.1,OP1.1]
4.1.7.4. (1)(a)	[F01-OS1.1,OP1.1]
(b)	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2,OP3.1]
4.1.7.5. (1)	[F03-OS1.2,OP1.2]
(2)	[F01-OS1.1,OP1.1]
(3)	[F01,F44-OS1.1,OP1.1]
4.1.7.6. (1)	[F01,F11-OS1.1,OP1.1]
(2)	[F01,F11-OS1.1,OP1.1]
4.1.7.7.	Note ¹
4.1.7.8.	[F82-OS1.1,OP1.1]
Subsection 4.1.8.	Handling of Flammable and Combustible Liquids
4.1.8.1. (1)	Note ¹
(2)	[F43-OS1.1,OP1.1]
(3)	Note ¹
4.1.8.2. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]
(3)	Note ¹
(4)	[F22-OS1.1,OP1.1]
4.1.8.3. (1)	[F43-OS1.1,OP1.1]
(2)	[F01,F20,F81-OS1.1,OP1.1]
4.1.8.4. (1)	[F01,F43,F81-OS1.1]
(2)	[F43-OS1.1,OP1.1]
SECTION 4.2	CONTAINER STORAGE AND HANDLING
Subsection 4.2.1.	Application
4.2.1.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
Subsection 4.2.2.	General
4.2.2.1. (1)	Note ¹
(2)	Note ¹
4.2.2.2.	[F04-OS1.2,OS1.5,OH5,OP1.2] [F20-OS1.1,OS1.2,OH5,OP1.1,OP1.2]
4.2.2.3. (1)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2] [F43-OS3.4]
(2)	Note ¹
Subsection 4.2.3.	Containers and Portable Tanks
4.2.3.1. (1)	[F01,F20,F43,F80,F81-S1.1,OP1.1] [F04-OS1.2,OP1.2]
4.2.3.2. (1)	[F01,F81-OS1.1,OP1.1] [F12-OS1.1,OS1.2,OP1.1,OP1.2]
(2)	Note ¹
4.2.3.3. (1)	Note ¹
Subsection 4.2.4.	Assembly and Residential Occupancies
4.2.4.1. (1)	Note ¹
4.2.4.2. (1)	Note ¹
(2)	[F02-OS1.2,OP1.2]
(3)	[F02-OS1.2,OP1.2]
(4)	[F02,F03-OS1.2,OP1.2]
4.2.4.3.	[F01-OS1.1,OP1.1] [F12-OS1.2,OP1.2]
4.2.4.4.	[F03-OS1.2,OP1.2]
4.2.4.5.	[F02-OS1.2,OP1.2]
4.2.4.6.	[F02-OS1.2,OP1.2]
Subsection 4.2.5.	Mercantile Occupancies
4.2.5.1. (1)	Note ¹
(2)	[F02-OS1.2,OP1.2]
(3)	[F02-OS1.2,OP1.2]
(4)	Note ¹
(5)	[F02,F03-OS1.2,OP1.2]
4.2.5.2. (1)	[F01,F43-OS1.1,OP1.1]
(2)	[F04-OS1.5,OP1.2] [F20-OS1.1,OS1.2,OP1.1]
(3)	Note ¹
4.2.5.3. (1)	[F01-OS1.1,OP1.1] [F02,F03,F44-OS1.2,OP1.2]
(2)	Note ¹
Subsection 4.2.6.	Business and Personal Services, Detention, Educational, Care, and Care and Treatment Occupancies

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
4.2.6.1. (1)	Note ¹
4.2.6.2. (1)	<p>[F01,F43-OS1.1,OP1.1] Applies to the following text in the opening line of Sentence (1) in the Fire Code: “Except as permitted in Article 4.2.6.3., flammable liquids and combustible liquids shall be kept in closed containers”.</p> <p>[F02,F03-OS1.2,OP1.2] Applies to the following text in the Fire Code: “Except as permitted in Article 4.2.6.3., flammable liquids and combustible liquids shall be __ stored (a) ..., or (b) ... Subsection 4.2.9.”</p>
4.2.6.3. (1)	Note ¹
	(2) Note ¹
4.2.6.4.	[F01,F04,F43-OS1.1,OP-1.1] [F02-OS1.2,OP1.2]
4.2.6.5.	Note ¹
Subsection 4.2.7.	Industrial Occupancies
4.2.7.1.	Note ¹
4.2.7.2. (1)	[F02,F03-OS1.2,OP1.2]
4.2.7.3.	[F03-OS1.2,OP1.2]
4.2.7.4. (1)	[F01-OS1.1] [F02,F03-OS1.2,OP1.2]
	(2) [F01-OS1.1,OP1.1] [F02,OS1.2,OP1.2]
4.2.7.5. (1)	[F01-OS1.1] [F02,F03-OS1.2,OP1.2] [F04-OS1.2,OS1.5,OH5,OP1.2] [F20-OS1.1,OS1.2]
	(2) [F03-OS1.2,OP1.2]
	(3) Note ¹
	(4) Note ¹
4.2.7.6.	Note ¹
4.2.7.7. (1)	[F02-OS1.2,OP1.2]
4.2.7.8. (1)	<p>[F02,F81-OS1.2,OP1.2] Applies to the following text in the Fire Code: “The clearance between the top of storage and the __ sprinkler head deflectors or other overhead fire protection system components shall be not less than 450 mm”.</p> <p>[F04-OS1.3,OP1.3] Applies to the following text in the Fire Code: “The clearance between the top of storage and the lowest structural members __ shall be not less than 450 mm”.</p>

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Acceptable Solution	Objectives and Functional Statements
(2)	[F10-OS1.5] [F81,F82-OS1.1,OP1.1]
4.2.7.9.	Note ¹
4.2.7.10.	Note ¹
4.2.7.11.	Note ¹
4.2.7.12.	Note ¹
4.2.7.13.	Note ¹
Subsection 4.2.8.	Incidental Use
4.2.8.1.	Note ¹
4.2.8.2. (1)	[F02-OS1.2,OP1.2]
(2)	[F02-OS1.2,OP1.2]
(3)	[F02-OS1.2,OP1.2]
4.2.8.3. (1)(a)	[F01-OS1.1,OP1.1]
(b)	Note ¹
(c)	Note ¹
(d)	Note ¹
(e)	Note ¹
4.2.8.4. (1)	Note ¹
(2)	[F02-OS1.2,OP1.2]
(3)	[F02-OS1.2,OP1.2]
(4)	[F02-OS1.2,OP1.2]
(5)	Note ¹
(6)	Note ¹
Subsection 4.2.9.	Rooms for Container Storage and Dispensing
4.2.9.1. (1)	[F02-OS1.2,OP1.2]
(2)	[F02-OS1.2,OP1.2]
(3)	Note ¹
4.2.9.2. (1)	[F44-OS1.1,OS1.2,OP1.1,OP1.2]
(2)	Note ¹
4.2.9.3.	Note ¹
4.2.9.4.	[F10-OS1.5] [F12-OS1.2,OP1.2] [F81,F82-OS1.1,OP1.1]
4.2.9.5.	[F01,F43-OS1.1]
4.2.9.6. (1)	[F02-OS1.3,OP1.3]
(2)	[F02-OS1.3,OP1.3]
(3)	Note ¹
4.2.9.7.	Note ¹
4.2.9.8. (1)	Note ¹
(2)	[F03-OS1.2,OP1.2] [F10-OS1.5]
(3)	[F10-OS1.5]

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
(4)	[F05-OS1.5]
(5)	[F10-OS1.5]
Subsection 4.2.10.	Cabinets for Container Storage
4.2.10.1.	[F01,F43-OS1.1,OP1.1]
4.2.10.2.	[F02-OS1.2,OP1.2]
4.2.10.3. (1)	[F02-OS1.2,OP1.2]
(2)	[F02-OS1.2,OP1.2]
(3)	[F02-OS1.2,OP1.2]
4.2.10.4.	[F01-OS1.1,OP1.1]
4.2.10.5. (1)	[F01-OS1.1] [F03-OS1.2,OP1.2] [F44-OS1.1,OP1.1]
4.2.10.6. (1)	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2]
Subsection 4.2.11.	Outdoor Container Storage
4.2.11.1. (1)	[F02,F03-OS1.2,OP3.1]
(2)	[F02,F03-OS1.2,OP3.1]
4.2.11.2.	Note ¹
4.2.11.3.	[F12-OP3.1]
4.2.11.4.	Note ¹
4.2.11.5. (1)	[F34-OS1.1]
SECTION 4.3	STORAGE TANKS
Subsection 4.3.1.	Application and Storage Tank Design, Construction and Use
4.3.1.1.	Note ¹
4.3.1.2. (1)	[F01,F20,F43,F80,F81-OS1.1,OP1.1]
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
(6)	Note ¹
(7)	Note ¹
(8)	[F20,F80,F81-OP1.1] [F43-OS1.1,OP1.1,OP3.1]
(9)	Note ¹
(10)	Note ¹
4.3.1.3. (1)	[F01,F20,F43,F80,F81-OS1.1,OP1.1]
(2)	[F01,F20,F43,F80,F81-OS1.1,OP1.1]
(3)	Note ¹
4.3.1.4.	Note ¹
4.3.1.5.	[F80-OS1.1,OP1.1]
4.3.1.6.	[F04-OS1.2,OP1.2]
4.3.1.7.	[F12-OS1.2,OP1.2]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
	[F81-OS1.1,OP1.1]
4.3.1.8. (1)	[F43-OS1.1,OP1.1]
(2)	[F43-OS1.1,OP1.1]
(3)	Note ¹
4.3.1.9.	[F01,F20,F43,F80,F81-OS1.1,OP1.1]
4.3.1.10. (1)	[F01,F20,F43-OS1.1,OP1.1]
(2)	[F01,F20,F43-OS1.1,OP1.1]
(3)	[F01,F20,F43-OS1.1,OP1.1]
(4)	Note ¹
Subsection 4.3.2.	Installation of Outside Aboveground Storage Tanks
4.3.2.1. (1)	Note ¹
(2)	[F03-OS1.2,OP3.1]
(3)	[F03-OS1.2,OP3.1]
(4)	[F03-OS1.2,OP3.1]
(5)	[F03-OS1.2,OP3.1]
(6)	Note ¹
(7)	Note ¹
(8)	[F03-OS1.2,OP3.1]
4.3.2.2. (1)	Note ¹ Applies to the following text in the Fire Code: “Except as required in Sentences (2) and (3) and in Article 4.3.2.3.” [F03,F12-OP1.2] Applies to the following text in the Fire Code: “the minimum distance between every combination of two aboveground storage tanks shall be 0.25 times the sum of their diameters”. [F82-OS1.1,OP1.1] Applies to the following text in the Fire Code: “the minimum distance between every combination of two aboveground storage tanks shall be not less than 1 m”.
(2)	[F82-OS1.1,OP1.1]
(3)	[F03-OP1.2]
4.3.2.3. (1)	[F03-OS1.2,OP1.2]
(2)	Note ¹ Applies to the following text in the Fire Code: “Secondary containments for flammable liquid or combustible liquid storage tanks shall not contain any liquefied petroleum gas cylinder or tank”. [F02,F03,F12-OS1.2,OP1.2] Applies to the following text in the Fire Code: “the centre line of the secondary containment wall shall be ... from a liquefied petroleum gas storage tank ”.

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
4.3.2.4. (1)	[F12-OP1.2]
(2)	[F12-OP1.2]
(3)	[F02,F03,F12-OP1.2]
4.3.2.5. (1)	Note ¹
(2)	[F2,F3,F12-OS1.2,OP1.2]
4.3.2.6.	Note ¹
Subsection 4.3.3.	Supports, Foundations and Anchorage for Aboveground Storage Tanks
4.3.3.1. (1)	[F02-OS1.2,OP1.2]
(2)	[F22,F80-OS1.1,OP1.1]
(3)	[F04-OS1.2,OP1.2]
(4)	[F20-OS1.1,OP1.1]
4.3.3.2. (1)	[F22-OS1.1,OP1.1]
4.3.3.3.	[F22-OS1.1,OP1.1]
Subsection 4.3.4.	Normal and Emergency Venting for Aboveground Storage Tanks
4.3.4.1. (1)	[F04-OS1.2,OP1.2] [F20-OS1.1,OS1.2,OP1.1,OP1.2]
4.3.4.2.	[F04-OS1.2,OP1.2] [F20-OS1.1,OS1.2,OP1.1,OP1.2]
Subsection 4.3.5.	Vent Piping for Aboveground Storage Tanks
4.3.5.1.	Note ¹
4.3.5.2. (1)	[F01,F43-OS1.1,OP1.1]
(2)	[F01,F43-OS1.1,OP1.1]
(3)	[F44-OS1.2,OP1.2]
4.3.5.3. (1)	[F20,F81-OS1.1,OP1.1]
(2)	[F01,F81-OS1.1,OP1.1]
Subsection 4.3.6.	Openings Other than Vents in Aboveground Storage Tanks
4.3.6.1. (1)	[F43-OS1.1,OP1.1]
(2)	[F43-OS1.1,OP1.1]
4.3.6.2. (1)	[F04-OS1.2,OP1.2] [F20-OS1.1,OP1.1]
(2)	[F04,F20-OS1.1,OP1.1]
4.3.6.3.	[F01,F43,F81-OS1.1,OP1.1]
4.3.6.4. (1)	[F01-OS1.1,OP1.1]
(2)	[F43-OS1.1,OP1.1]
(3)	[F01-OS1.1,OP1.1]
Subsection 4.3.7.	Secondary Containment for Aboveground Storage Tanks
4.3.7.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
4.3.7.2. (1)	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
	<p>Applies to the following text in the opening line of Sentence (1) in the Fire Code: “Except as provided in Sentence (2)”.</p> <p>[F04-OS1.2,OP1.2] Applies to the following text in the opening line of Sentence (1) in the Fire Code: “the base and walls of a secondary containment shall be made of noncombustible materials”.</p> <p>[F04-OH5] [F20-OS1.1,OP1.1,OP3.1] Applies to the following text in the Fire Code “the base and walls of a secondary containment __ shall be designed, constructed and maintained to (a) withstand full hydrostatic head”.</p> <p>[F04-OP3.1] [F44-OS1.1,OP1.1] Applies to the following text in the Fire Code “the base and walls of a secondary containment __ shall be designed, constructed and maintained to __ (b) provide a permeability of not more than 10^{-6} cm/s to the flammable liquids or combustible liquids contained in the storage tanks.”</p>
(2)	[F44-OS1.1,OP1.1]
(3)	Note ¹
(4)	Note ¹
4.3.7.3. (1)	[F44-OS1.1,OS1.2,OH5,OP1.1,OP1.2,OP3.1]
(2)	[F44-OS1.1,OS1.2,OH5,OP1.1,OP1.2,OP3.1]
(3)	[F44-OS1.1,OS1.2,OH5,OP1.1,OP1.2,OP3.1]
4.3.7.4. (1)	[F01,F82-OS1.1,OP1.1] [F81-OS1.2,OP1.2,OP3.1]
(2)	[F01,F82-OS1.1,OP1.1] [F81-OS1.2,OP1.2,OP3.1]
4.3.7.5. (1)(a)	[F12-OS1.2,OP1.2] [F82-OS1.1,OP1.1]
(b)	[F10-OS1.5]
(c)	[F12-OS1.2,OP1.2]
(2)	[F12-OS1.1,OP1.1]
4.3.7.6.	[F04-OS1.2,OP1.2]
4.3.7.7.	[F82-OS1.1,OP1.1]
4.3.7.8. (1)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2] Applies to the following text in the Fire Code: “Liquids, debris __ shall not be accumulated in the contained space created by the secondary containment”.

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
	[F12-OS1.2,OP1.2] [F44-OS1.1,OS1.2,OP1.1,OP1.2,OP3.1] [F82-OS1.1,OP1.1] Applies to the following text in the Fire Code: “liquids, debris and precipitation shall not be accumulated in the contained space created by the secondary containment”.
(2)	Note ¹
(3)(a)	[F44-OS1.1,OP1.1,OS1.2,OP1.2,OP3.1]
(b)	[F12-OS1.2,OH5,OP1.2,OP3.1]
(c)	[F12-OS1.2,OH5,OP1.2,OP3.1]
4.3.7.9.	Note ¹
Subsection 4.3.8.	Installation of Underground Storage Tanks
4.3.8.1. (1)	[F01,F43-OS1.1,OP1.1]
(2)	Note ¹
(3)	[F81-OS1.1,OP1.1]
(4)(a)	[F21-OS1.1,OP1.1]
(b)	[F01,F20,F21,F81-OS1.1,OP1.1]
(c)	[F20,F81-OS1.1,OP1.1]
4.3.8.2. (1)	[F20,F81-OS1.1,OP1.1]
(2)	[F20,F81-OS1.1,OP1.1]
(3)	[F20,F81-OS1.1,OP1.1]
(4)	[F04-OS1.2,OP1.2] [F20,F81-OS1.1,OP1.1]
4.3.8.3. (1)	[F82-OS1.1,OP1.1]
(2)	[F82-OS1.1,OP1.1]
4.3.8.4. (1)	[F81-OS1.1,OP1.1]
(2)	Note ¹
4.3.8.5. (1)	[F81-OS1.1,OP1.1]
(2)	[F81-OS1.1,OP1.1]
(3)	[F20-OS1.1,OP1.1]
4.3.8.6. (1)	Note ¹
4.3.8.7. (1)	[F43-OS1.1,OP1.1]
4.3.8.8.	Note ¹
4.3.8.9. (1)	[F22-OS1.1,OP1.1]
(2)	[F80,F81-OS1.1,OP1.1]
Subsection 4.3.9.	Corrosion Protection of Underground Steel Storage Tanks
4.3.9.1. (1)	[F80-OS1.1,OP1.1]
(2)	[F80-OS1.1,OP1.1]
Subsection 4.3.10.	Vents for Underground Storage Tanks
4.3.10.1.	[F20,F81-OS1.1,OP1.1]
4.3.10.2.	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
4.3.10.3. (1)	[F01,F43-OS1.1,OP1.1]
(2)	[F01,F43-OS1.1,OP1.1]
(3)	[F20,F81-OS1.1,OP1.1]
(4)	[F11,F20,F81-OS1.1,OP1.1]
(5)	[F20,F22,F81-OS1.1,OP1.1]
(6)	Note ¹
4.3.10.4. (1)	[F20,F81-OS1.1,OP1.1]
(2)	[F20-OS1.1,OP1.1]
(3)	[F01,F81-OS1.1,OP1.1]
Subsection 4.3.11.	Openings Other than Vents in Underground Storage Tanks
4.3.11.1.	[F01-OS1.1] [F43-OS1.1,OP1.1]
4.3.11.2.	[F01,F43,F81-OS1.1,OP1.1]
4.3.11.3. (1)	[F43-OS1.1,OP1.1]
(2)	Note ¹
(3)	[F01-OS1.1,OP1.1,OP3.1]
(4)	[F43-OS1.1,OP1.1,OP3.1]
(5)	[F01,F43-OS1.1,OP1.1]
(6)(a)	[F43-OS1.1,OP1.1]
(b)	[F43-OS1.1,OP1.1]
(c)	[F81,F82-OS1.2,OP1.2]
(7)	[F43-OS1.1,OP1.1]
(8)	Note ¹
Subsection 4.3.12.	Installation of Storage Tanks Inside Buildings
4.3.12.1.	Note ¹
4.3.12.2. (1)	[F01-OS1.1,OP1.1] [F02,F03,F04-OS1.2,OP1.2] [F43,F81-OS1.1,OS1.2,OP1.1,OP1.2]
(2)	Note ¹
4.3.12.3.	[F20-OS1.1,OP1.1]
4.3.12.4. (1)(a)	[F01-OS1.1,OP1.1] [F02,F03,F12-OS1.2,OP1.2] [F04-OS1.3,OP1.3] [F44-OS1.1,OS1.2,OH5,OP1.1,OP1.2]
(b)	[F01,F44-OS1.1,OP1.1] [F02,F03-OS1.2,OP1.2]
(2)	Note ¹
(3)	Note ¹
4.3.12.5.	[F03-OS1.2,OP1.2]
4.3.12.6. (1)	Note ¹
4.3.12.7. (1)(a)	[F44-OS1.1,OH5,OP1.1]
(b)	Note ¹

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
(c)	Note ¹
4.3.12.8. (1)	Note ¹
(2)	Note ¹
4.3.12.9. (1)	Note ¹
(2)	[F04-OS1.3,OP1.3] [F20,F22,F80,F81-OS1.1,OP1.1]
4.3.12.10. (1)	[F01-OS1.1,OP1.1]
Subsection 4.3.13.	Rooms for Storage Tanks
4.3.13.1. (1)(a)	[F03-OS1.2,OP1.2]
(b)	[F44-OS1.1,OS1.2,OH5,OP1.1,OP1.2]
(c)	[F44-OS1.1,OS1.2,OH5,OP1.1,OP1.2]
(d)	Note ¹
(e)	[F01-OS1.1,OP1.1]
4.3.13.2.	[F82-OS1.1,OP1.1]
4.3.13.3.	[F02-OS1.2,OP1.2] [F04-OS1.3,OP1.3]
4.3.13.4. (1)	[F12-OS1.2,OP1.2]
(2)	Note ¹
4.3.13.5. (1)	[F12-OS1.2,OP1.2]
(2)	[F12-OS1.2,OP1.2]
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
(6)	[F12-OS1.2,OP1.2]
Subsection 4.3.14.	Openings Other than Vents in Storage Tanks in Buildings
4.3.14.1. (1)	[F01,F43-OS1.1,OP1.1]
(2)	[F44-OS1.1,OP1.1]
4.3.14.2. (1)	[F01,F43,F81-OS1.1,OP1.1]
(2)	[F20,F81-OS1.1,OP1.1]
Subsection 4.3.15.	Leakage Testing of Storage Tanks
4.3.15.1. (1)	[F82-OS1.1,OP1.1]
(2)	[F82-OS1.1,OP1.1]
(3)	[F01,F82-OS1.1,OP1.1]
(4)	[F01,F82-OS1.1,OP1.1]
4.3.15.2.	RESERVED
4.3.15.3. (1)	[F43,F82-OS1.1,OP1.1]
(2)	[F12-OS1.2,OP1.2] [F43,F82-OS1.1,OP1.1]
4.3.15.4. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
(4)	[F82-OS1.1,OP1.1]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
(5)	[F81-OS3.4]
(6)	[F20,F82-OS1.1,OP1.1]
(7)	[F01-OS1.1,OP1.1]
4.3.15.5. (1)	Note ¹
(2)	[F20,F82-OS1.1,OP1.1]
Subsection 4.3.16.	Leakage Detection of Storage Tanks
4.3.16.1. (1)	[F82-OS1.1,OP1.1]
(2)	[F82-OS1.1,OP1.1]
(3)	[F82-OS1.1,OP1.1]
(4)	Note ¹
4.3.16.2. (1)	[F01,F82-OS1.1,OP1.1]
4.3.16.3. (1)	[F43,F82-OS1.1,OP1.1]
Subsection 4.3.17.	Out of Service
4.3.17.1. (1)(a)	[F82-OS1.1,OP1.1]
(b)	[F34,F81-OS1.1,OP1.1]
(c)	[F20-OS1.1]
(2)(a)	[F01,F43-OS1.1,OP1.1]
(b)	[F01-OS1.1]
(c)	[F82-OS1.1,OP1.1]
(d)	[F01,F34-OS1.1,OP1.1]
(3)(a)(i)	[F82-OS1.1,OP1.1]
(ii)	[F82-OS1.1,OP1.1]
(iii)	[F01,F34-OS1.1]
(b)	[F82-OS1.1,OP1.1]
(4)	[F82-OS1.1,OP1.1]
4.3.17.2. (1)	[F34-OS1.1,OP1.1]
(2)	[F82-OS1.1,OP1.1]
(3)(a)	[F01,F43-OS1.1,OP1.1]
(b)	[F81-OS1.1,OP1.1]
4.3.17.3.	[F81-OS1.1,OP1.1]
4.3.17.4. (1)(a)	[F01,F43-OS1.1,OP1.1]
(b)	[F01-OS1.1,OP1.1]
(c)	[F81-OS1.1,OP1.1]
(2)	[F44-OS1.1,OP1.1]
4.3.17.5. (1)	[F81-OS1.1,OP1.1]
(2)	[F81-OS1.1,OP1.1]
4.3.17.6.	[F80-OS1.1,OP1.1]
SECTION 4.4	PIPING AND TRANSFER SYSTEMS
Subsection 4.4.1.	Application
4.4.1.1. (1)	Note ¹
(2)	Note ¹

Acceptable Solution	Objectives and Functional Statements
Subsection 4.4.2.	Materials for Piping, Valves and Fittings
4.4.2.1. (1)	<p>[F20-OS1.1,OP1.1] Applies to the following text in the Fire Code: “Piping systems that contain flammable liquids or combustible liquids shall be made of materials that are suitable for the maximum anticipated working pressures and operating temperatures”.</p> <p>[F80-OS1.1,OP1.1] Applies to the following text in the Fire Code: “Piping systems that contain flammable liquids or combustible liquids shall be made of materials that are suitable __ for the chemical properties of the contained liquid”.</p>
(2)	Note ¹
(3)	<p>[F04-OS1.2,OH5,OP1.2] [F20,F81-OS1.1,OP1.1]</p>
(4)	[F20,F43,F80,F81-OS1.1,OP1.1]
(5)	[F20,F43,F80,F81-OS1.1,OP1.1]
(6)	Note ¹
4.4.2.2.	[F20,F80,F81-OS1.1,OP1.1]
4.4.2.3. (1)	[F01,F43-OS1.1,OP1.1]
(2)	Note ¹
(3)	Note ¹
Subsection 4.4.3.	Corrosion Protection of Piping Systems
4.4.3.1. (1)	[F80-OS1.1,OP1.1]
(2)	[F80-OS1.1,OP1.1]
Subsection 4.4.4.	Identification of Piping Systems
4.4.4.1. (1)	<p>[F12-OS1.2,OP1.2] [F81-OS1.1,OP1.1]</p>
(2)	<p>[F12-OS1.2,OP1.2] [F81-OS1.1,OP1.1]</p>
(3)	<p>[F12-OS1.1,OS1.2,OP1.1,OP1.2] [F81-OS1.1,OP1.1]</p>
4.4.4.2. (1)	[F12-OS1.2,OP1.2]
(2)	[F12-OS1.2,OP1.2]
Subsection 4.4.5.	Joints in Piping Systems
4.4.5.1.	[F43,F81-OS1.1,OP1.1]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
4.4.5.2. (1)	Note ¹ Applies to the following text in the Fire Code: “Welding of piping for flammable liquids or combustible liquids shall comply with Section 5.17”. [F04-OS1.2,OH5,OP1.2] [F20,F81-OS1.1,OP1.1] Applies to the following text in the Fire Code: “Welding of piping for flammable liquids or combustible liquids shall comply with __ (a) ... (b) ... Welding Practices”.”
(2)	[F01-OS1.1,OP1.1]
4.4.5.3. (1)	[F20,F43,F80,F81-OS1.1,OP1.1]
(2)	Note ¹
4.4.5.4.	[F04-OS1.1,OH5,OP1.1]
4.4.5.5.	[F04-OS1.2,OH5,OP1.2] [F20-OS1.1,OP1.1]
4.4.5.6. (1)	[F80,F82-OS1.1,OP1.1]
Subsection 4.4.6.	Leakage Testing of Piping Systems
4.4.6.1. (1)	Note ¹
(2)	[F82-OS1.1,OP1.1]
(3)	[F82-OS1.1,OP1.1]
4.4.6.2.	RESERVED
4.4.6.3.	[F82-OS1.1,OP1.1]
4.4.6.4. (1)	[F82-OS1.1,OP1.1]
(2)	[F82-OS1.1,OP1.1]
4.4.6.5. (1)	[F20-OS1.1,OP1.1]
(2)	[F20,F81-OS1.1,OP1.1]
(3)	[F81-OS1.1,OS3.1,OS3.4,OP1.1]
4.4.6.6.	[F43-OS1.1,OP1.1]
4.4.6.7.	[F81,F82-OS1.1,OP1.1]
Subsection 4.4.7.	Location and Arrangement of Piping
4.4.7.1. (1)	[F43-OS1.1,OP1.1]
(2)	[F43-OS1.1,OP1.1]
(3)	Note ¹
(4)	[F81-OS1.1,OP1.1]
4.4.7.2. (1)	[F20,F22-OS1.1,OP1.1]
(2)	[F81-OS1.1,OP1.1]
(3)	[F80,F82-OS1.1,OP1.1]
4.4.7.3. (1)(a)	[F02,F04-OS1.2,OP1.2]
(b)	[F04-OS1.2,OP1.2] [F44-OS1.1,OP1.1]

Acceptable Solution	Objectives and Functional Statements
(2)	[F02-OS1.2,OP1.2] [F44-OS1.1,OP1.1]
(3)	[F81-OS1.1,OP1.1]
(4)	[F04-OS1.2,OH5,OP1.2] [F21-OS1.1,OP1.1]
4.4.7.4. (1)	[F21,F22-OS1.1,OP1.1]
(2)	[F20-OS1.1,OP1.1]
(3)	[F21,F22-OS1.1,OP1.1]
(4)	[F21,F22-OS1.1,OP1.1]
4.4.7.5. (1)(a)	[F21,F22-OS1.1,OP1.1]
(b)	[F20,F21-OS1.1,OP1.1]
(2)	[F21,F22-OS1.1,OP1.1]
4.4.7.6.	Note ¹
4.4.7.7. (1)	[F21,F82-OS1.1,OP1.1]
(2)	[F44-OS1.1,OP1.1]
(3)	[F21-OS1.1,OP1.1]
4.4.7.8. (1)	[F81-OS1.1,OP1.1]
(2)	[F02-OS1.2,OP1.2] [F04-OS1.1,OP1.1]
4.4.7.9. (1)	Note ¹
(2)	[F01-OS1.1,OP1.1]
(3)	[F01-OS1.1,OP1.2] [F02-OS1.2,OP1.2]
4.4.7.10. (1)	[F81-OS1.1,OP1.1]
(2)	[F20-OS1.1,OP1.1]
(3)	[F20-OS1.1,OP1.1]
(4)	[F20-OS1.1,OP1.1]
4.4.7.11. (1)	[F20-OS1.1,OP1.1]
(2)	[F20-OS1.1,OP1.1]
4.4.7.12. (1)	[F81-OS1.1,OP1.1]
4.4.7.13. (1)	[F21-OS1.1,OP1.1]
(2)	[F20,F21,F81-OS1.1,OP1.1]
Subsection 4.4.8.	Valves in Piping Systems
4.4.8.1. (1)	[F20,F81-OS1.1,OP1.1]
(2)	[F20,F81-OS1.1,OP1.1]
(3)	[F20,F81-OS1.1,OP1.1]
(4)	Note ¹
4.4.8.2. (1)	[F44-OS1.1,OS1.2,OP1.1,OP1.2]
(2)	[F12,F44-OS1.1,OS1.2,OP1.1,OP1.2]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
(3)	<p>[F04-OS1.2,OH5,OP1.2] [F20-OS1.1,OP1.1] Applies to the following text in the opening line of Sentence (3) of the Fire Code: “steel shut-off valves shall be provided”.</p> <p>[F12,F44-OS1.1,OS1.2,OP1.1,OP1.2] Applies to Clauses (a) to (e) in the Fire Code.</p> <p>[F82-OS1.1,OP1.1] Applies to Clause (f) in the Fire Code.</p>
(4)	Note ¹
4.4.8.3.	Note ¹
4.4.8.4.	[F20-OS1.1,OP1.1]
4.4.8.5.	[F12-OS1.1,OS1.2,OP1.1,OP1.2]
4.4.8.6. (1)	[F12,F81-OS1.1,OH5,OP1.1]
(2)	[F12,F81-OS1.1,OP1.1]
Subsection 4.4.9.	Heating of Piping Systems
4.4.9.1.	[F01,F20,F81-OS1.1,OP1.1]
4.4.9.2. (1)	[F20,F81-OS1.1,OP1.1]
(2)	[F20,F81-OS1.1,OP1.1]
(3)	[F01,F81-OS1.1,OP1.1]
4.4.9.3.	Note ¹
4.4.9.4. (1)	Note ¹
(2)	<p>[F82-OS1.1,OP1.1] Applies to the following text in the opening line of Sentence (2) of the Fire Code: “Systems permitted in Sentence (1) shall be installed and tested as complete units”.</p> <p>[F01-OS1.1,OP1.1] Applies to Clause (a) in the Fire Code.</p> <p>[F20,F81-OS1.1,OP1.1] Applies to Clause (b) in the Fire Code.</p> <p>[F01-OS1.1,OP1.1] Applies to Clauses (c) and (d) in the Fire Code.</p>
(3)	[F82-OS1.1,OP1.1]
4.4.9.5. (1)	Note ¹
(2)	[F01,F81-OS1.1,OP1.1]
Subsection 4.4.10.	Method of Transfer in Piping Systems
4.4.10.1. (1)	[F01-OS1.1,OP1.1,OP3.1]
4.4.10.2. (1)	Note ¹

Acceptable Solution	Objectives and Functional Statements
(2)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
4.4.10.3. (1)	[F20,F81-OS1.1,OP1.1]
(2)	[F02-OS1.2,OP1.2] [F82-OS1.1,OS1.2,OP1.1,OP1.2] Applies to the following text in the Fire Code: “Pits provided in conformance with Sentence (1) shall not be larger than necessary for inspection and maintenance”. [F81-OS1.1,OP1.1] Applies to the following text in the Fire Code: “Pits provided in conformance with Sentence (1) shall be provided with a cover”.
4.4.10.4.	[F12,F44-OS1.1,OS1.2,OP1.1,OP1.2] Applies to the following text in the Fire Code: “Pumps for piping systems shall be provided with duplicate control switches __ with one located in the operating area and the other at a remote location”. [F44-OS1.1,OS1.2,OP1.1,OP1.2] Applies to the following text in the Fire Code: “to shut down the pumps in case of emergency”.
4.4.10.5. (1)	Note ¹
(2)	[F20,F81,F82-OS1.1,OP1.1]
(3)	[F20,F81-OS1.1,OP1.1]
(4)	[F20,F81-OS1.1,OP1.1]
(5)	[F43-OS1.1,OP1.1] [F44-OS1.2,OP1.2]
(6)	[F81-OS1.1,OP1.1]
4.4.10.6. (1)	[F20,F81,F82-OS1.1,OP1.1]
(2)	[F20,F81-OS1.1,OP1.1]
(3)	[F20,F81-OS1.1,OP1.1]
(4)	[F04,F81-OS1.2,OH5,OP1.2]
4.4.10.7. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]
Subsection 4.4.11.	Operating Procedures for Piping Systems
4.4.11.1.	[F12-OS1.1,OS1.2,OP1.1,OP1.2] [F81-OS1.1,OP1.1]
4.4.11.2. (1)(a)	[F12-OS1.1,OP1.1]
(b)	[F12,F43-OS1.1,OP1.1]
(c)	[F12-OS1.2,OP1.2]
(d)	[F12-OS1.1,OS1.2,OP1.1,OP1.2] [F81-OS1.1,OP1.1]

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Acceptable Solution	Objectives and Functional Statements
(2)	<p>[F12-OS1.1,OP1.1] Applies to the following text in the Fire Code: “Employees engaged in the operation of equipment for the transfer of flammable liquids or combustible liquids shall be trained in the location, function and operation of __ manual emergency shut-off valves”.</p> <p>[F12-OS1.2,OP1.2] Applies to the following text in the Fire Code: “Employees engaged in the operation of equipment for the transfer of flammable liquids or combustible liquids shall be trained in the location, function and operation of valves used for the operation of fire protection equipment”.</p>
4.4.11.3.	[F12-OS1.1,OS1.2,OP1.1,OP1.2]
4.4.11.4.	[F02,F12-OS1.2,OP1.2]
4.4.11.5. (1)	[F82-OS1.1,OP1.1]
(2)	[F82-OS1.1,OP1.1]
(3)	[F82-OS1.1,OP1.1]
(4)	Note ¹
4.4.11.6.	[F82-OS1.1,OP1.1]
4.4.11.7. (1)	[F01,F43-OS1.1,OP1.1]
(2)	[F43-OS1.1,OP1.1]
(3)	[F01-OS1.1,OP1.1]
(4)	[F81-OS1.1,OP1.1]
(5)	[F43-OS1.1,OP1.1]
(6)	[F01,F43-OS1.1,OP1.1]
4.4.11.8.	[F01,F43,F44,F81-OS1.1,OP1.1]
SECTION 4.5	FUEL DISPENSING STATIONS
Subsection 4.5.1.	Storage, Handling and Use of Flammable and Combustible Liquids
4.5.1.1.	<p>[F01,F03,F04,F12,F13,F20,F22,F34,F43,F44,F80,F81-OS1.1,OP1.1] [F02,F06,F12,F13,F44-OS1.2,OP1.2] [F01,F44-OP3.1] [F06,F12,F13,F43,F44,F81,F82-OH5]</p>
SECTION 4.6	BULK PLANTS
Subsection 4.6.1.	Application
4.6.1.1.	Note ¹
Subsection 4.6.2.	Storage
4.6.2.1. (1)	[F43-OS1.1,OP1.1]
4.6.2.2.	<p>[F03-OS1.2,OH5,OP1.2] [F21,F22,F81-OS1.1,OP1.1]</p>
4.6.2.3.	[F20,F82-OS1.1,OP1.1]

Acceptable Solution	Objectives and Functional Statements
4.6.2.4. (1)	Note ¹
(2)	Note ¹
4.6.2.5.	Note ¹
4.6.2.6. (1)	[F01,F34-OH5,OP3.1]
Subsection 4.6.3.	Dispensing
4.6.3.1.	Note ¹
4.6.3.2. (1)	[F34-OS1.1,OP1.1]
(2)	[F43,F81-OS1.1,OP1.1]
4.6.3.3.	Note ¹
4.6.3.4.	Note ¹
Subsection 4.6.4.	Loading and Unloading Facilities
4.6.4.1. (1)	[F01-OS1.1,OP3.1] [F03-OS1.2,OP1.2,OP3.1]
(2)	[F03-OS1.2,OH5,OP1.2] [F21,F22,F81-OS1.1,OP1.1]
(3)	Note ¹
4.6.4.2.	[F01-OS1.1]
4.6.4.3. (1)	[F01,F43-OS1.1,OP1.1]
(2)	[F43,F82-OS1.1,OP1.1]
4.6.4.4. (1)	[F43-OS1.1,OP1.1]
(2)	[F43,F81-OS1.1,OP1.1]
4.6.4.5. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]
(3)	[F01-OS1.1,OP1.1]
(4)	[F01-OS1.1,OP1.1]
(5)	[F01-OS1.1,OP1.1]
4.6.4.6.	Note ¹
Subsection 4.6.5.	Fire Protection
4.6.5.1.	[F02,F12-OS1.2,OP1.2]
Subsection 4.6.6.	Spill Control
4.6.6.1.	Note ¹
SECTION 4.7	PIERS AND WHARVES
Subsection 4.7.1.	Application
4.7.1.1.	Note ¹
Subsection 4.7.2.	General
4.7.2.1. (1)	[F03-OS1.2,OP3.1]
(2)	[F03-OS1.2,OP3.1]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
4.7.2.2.	[F04-OS1.2,OH5,OP1.2] [F20,F21,F80-OS1.1,OP1.1]
Subsection 4.7.3.	Storage Tanks
4.7.3.1. (1)	[F04-OS1.2,OH5,OP1.2] [F20-OS1.1,OP1.1]
(2)	[F04-OS1.2,OH5,OP1.2] [F20,F43-OS1.1,OP1.1]
(3)	[F04-OS1.2,OH5,OP1.2] [F20,F43-OS1.1,OP1.1]
Subsection 4.7.4.	Piping, Valves and Fittings
4.7.4.1.	Note ¹
4.7.4.2. (1)	[F20,F22-OS1.1,OP1.1]
(2)	[F04-OS1.2,OH5,OP1.2]
(3)	[F04-OS1.2,OH5,OP1.2]
4.7.4.3.	[F81-OS1.1,OP1.1]
4.7.4.4.	[F21-OS1.1,OP1.1]
4.7.4.5.	[F12,F44-OS1.1,OS1.2,OH5,OP1.1,OP1.2]
4.7.4.6. (1)	[F82-OS1.1,OS1.2,OH5,OP1.1,OP1.2]
(2)	[F82-OS1.2,OH5,OP1.2]
4.7.4.7.	[F12-OS1.1,OS1.2,OH5,OP1.1,OP1.2] [F81-OS1.1,OP1.1]
4.7.4.8. (1)	Note ¹
(2)	[F82-OS1.1,OP1.1]
Subsection 4.7.5.	Bonding and Grounding
4.7.5.1. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]
Subsection 4.7.6.	Fire Protection
4.7.6.1. (1)	[F02,F12-OS1.2,OP1.2]
(2)	[F12-OS1.2,OP1.2] Applies to the following text in the Fire Code: “Portable extinguishers shall be kept in the pump house or other suitable location where they will be accessible in the event of an emergency”. [F34-OS1.2,OP1.2] Applies to the following text in the Fire Code: “not accessible to the public”.
(3)	[F02,F12-OS1.2,OP1.2]
(4)	Note ¹

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
4.7.6.2.	[F12,F13-OS1.2,OP1.2]
Subsection 4.7.7.	Bulk Transfer Stations
4.7.7.1. (1)	[F01,F81-OS1.1,OH5,OP1.1]
(2)	[F34-OS1.1,OP1.1]
4.7.7.2. (1)	Note ¹
(2)	[F43-OS1.1,OP1.1]
4.7.7.3. (1)	[F12-OS1.1,OS1.2,OP1.1,OP1.2]
	[F22,F43-OS1.1,OP1.1]
	[F44-OS1.2,OP1.2]
(2)	[F22,F43-OS1.1,OP1.1]
(3)	Note ¹
Subsection 4.7.8.	Cargo Hose
4.7.8.1. (1)	[F20,F22,F81-OS1.1,OP1.1]
4.7.8.2.	[F20,F82-OS1.1,OP1.1]
4.7.8.3.	[F20,F22-OS1.1,OP1.1]
Subsection 4.7.9.	Cargo Pumps
4.7.9.1.	Note ¹
4.7.9.2.	[F20,F81-OS1.1,OP1.1]
4.7.9.3. (1)(a)	[F02-OS1.2,OP1.2]
(b)	[F01-OS1.1,OP1.1]
	[F03-OS1.2,OP1.2,OP3.1]
(2)	[F01-OS1.1,OP1.1]
	[F02,F44-OS1.2,OP1.2]
	[F03-OS1.2,OP3.1]
Subsection 4.7.10.	Pump Houses
4.7.10.1.	[F02-OS1.2,OP1.2]
	Applies to the following text in the Fire Code: “Pump houses shall be of noncombustible construction ”.
	[F44-OS1.1,OP1.1]
	Applies to the following text in the Fire Code: “with floors that are chemically resistant to the liquid being handled, liquid-tight and equipped with curbs or flashings around the base of the wall not less than 100 mm in height to contain any spilled liquid”.
4.7.10.2.	Note ¹
Subsection 4.7.11.	Transfer Operations
4.7.11.1. (1)	[F01,F12-OS1.1,OP1.1]
	[F02,F44-OS1.2,OP1.2]
	[F43-OS1.1,OH5,OP1.1]

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Acceptable Solution	Objectives and Functional Statements
(2)	[F12,F44-OS1.1,OP1.1] [F43-OS1.1,OH5,OP1.1]
(3)(a)	[F01-OS1.1,OP1.1]
(b)	[F43-OS1.1,OP1.1]
(c)	[F43-OS1.1,OP1.1] Applies to the following text in the Fire Code: “inspect the hose and connections for leakage”. [F44-OS1.1,OP1.1] Applies to the following text in the Fire Code: “if leakage occurs, stop the operations”.
4.7.11.2. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]
4.7.11.3. (1)	[F21-OS1.1,OP1.1]
(2)	[F43-OS1.1,OP1.1]
(3)	[F43-OS1.1,OP1.1]
(4)	[F44-OS1.1,OP1.1]
4.7.11.4. (1)	[F43-OS1.1,OP1.1]
(2)	[F43-OS1.1,OP1.1]
SECTION 4.8	PROCESS PLANTS
Subsection 4.8.1.	Application
4.8.1.1. (1)	Note ¹
(2)	Note ¹
Subsection 4.8.2.	Outdoor Processing Equipment
4.8.2.1. (1)	Note ¹
(2)	[F03-OS1.2,OP3.1]
(3)	[F03-OS1.2,OP3.1]
(4)	[F03-OS1.2,OP3.1]
Subsection 4.8.3.	Processing Buildings
4.8.3.1.	[F02-OS1.3,OP1.3]
4.8.3.2.	[F03-OS1.2,OP1.2]
4.8.3.3. (1)	Note ¹
(2)	[F01-OS1.1,OP1.1]
(3)	[F01-OS1.1,OP1.1]
4.8.3.4. (1)	Note ¹
(2)	[F01-OS1.1,OP1.1]
Subsection 4.8.4.	Fire Prevention and Protection
4.8.4.1. (1)(a)	[F01,F43-OS1.1,OP1.1]

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
(b)	[F02,F44-OS1.2,OP1.2]
(2)	Note ¹
4.8.4.2. (1)(a)	[F02,F20-OS1.2,OS1.3,OP1.2,OP1.3]
(b)	[F02,F20-OS1.2,OS1.3,OP1.2,OP1.3]
(c)	[F01-OS1.1,OP1.1]
4.8.4.3. (1)	[F01,F20-OS1.1,OP1.1,OP3.1] [F02,F03,F43-OS1.2,OP1.2,OP3.1] [F04-OS1.3,OP1.3,OP3.1] [F44-OS1.2,OH5,OP1.2,OP3.1] [F81-OS1.1,OS1.2,OP1.1,OP1.2,OP3.1]
(2)	[F01,F20-OS1.1,OP1.1,OP3.1] [F02,F03,F43-OS1.2,OP1.2,OP3.1] [F04-OS1.3,OP1.3,OP3.1] [F44-OS1.2,OH5,OP1.2,OP3.1] [F81-OS1.1,OS1.2,OP1.1,OP1.2,OP3.1]
(3)	[F81-OS1.1,OS1.2,OS1.3,OH5,OP1.1,OP1.2,OP1.3,OP3.1]
(4)	Note ¹
(5)	Note ¹
SECTION 4.9	DISTILLERIES
Subsection 4.9.1.	Application
4.9.1.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
Subsection 4.9.2.	General
4.9.2.1. (1)	Note ¹
(2)	Note ¹
Subsection 4.9.3.	Storage Tanks and Containers
4.9.3.1.	[F20,F43,F80-OS1.1,OP1.1]
4.9.3.2. (1)	[F02,F04-OS1.2,OP1.2]
(2)	[F04-OS1.2,OP1.2]
(3)	[F02-OS1.2,OP1.2]
4.9.3.3.	[F01-OS1.1,OP1.1] [F20,F81-OS1.1,OH5,OP1.1] [F04-OS1.2,OP1.2]
Subsection 4.9.4.	Storage
4.9.4.1. (1)	[F02-OS1.2,OP1.2] [F11-OS1.5]
(2)	[F02-OS1.2,OP1.2]

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Acceptable Solution	Objectives and Functional Statements
4.9.4.2.	Note ¹
Subsection 4.9.5.	Piping and Pumping Systems
4.9.5.1.	[F20,F80-OS1.1,OP1.1]
Subsection 4.9.6.	Ventilation
4.9.6.1. (1)	[F01-OS1.1]
(2)	Note ¹
Subsection 4.9.7.	Spill Control
4.9.7.1.	Note ¹
Subsection 4.9.8.	Fire Protection
4.9.8.1. (1)	Note ¹
(2)	[F02,F12-OS1.2,OP1.2]
(3)	[F02,F12-OS1.2,OP1.2]
(4)	[F02,F12-OS1.2,OP1.2]
4.9.8.2. (1)	[F01-OS1.1,OP1.1] [F02,F12-OS1.2,OP1.2]
(2)	Note ¹
SECTION 4.10	RESERVED
SECTION 4.11	TANK VEHICLES
Subsection 4.11.1.	Application
4.11.1.1.	Note ¹
Subsection 4.11.2.	General
4.11.2.1. (1)	[F02,F12-OS1.2,OP1.2]
(2)	[F12-OS1.2,OP1.2]
4.11.2.2.	Note ¹
4.11.2.3. (1)(a)	[F01,F43,F44-OS1.1,OH5,OP1.1] [F02,F03-OS1.2,OP1.2]
(b)	[F21-OS1.1,OP1.1]
(c)	Note ¹
4.11.2.4. (1)	[F02-OS1.2,OP3.1] [F34,F81-OS1.1]
(2)	[F03-OS1.2,OP3.1] [F81-OS1.1,OP3.1]
Subsection 4.11.3.	Loading, Unloading and Dispensing from Tank Vehicles
4.11.3.1.	Note ¹
4.11.3.2.	[F01-OS1.1,OP1.1]
4.11.3.3.	[F01-OS1.1,OP1.1]
4.11.3.4.	[F44-OS1.1,OS1.2,OP1.1,OP1.2]

Acceptable Solution	Objectives and Functional Statements
4.11.3.5.	[F01-OS1.1,OP1.1]
4.11.3.6.	[F01-OS1.1,OP1.1]
4.11.3.7. (1)	[F43-OS1.1,OP1.1]
(2)	[F20,F43,F81-OS1.1,OP1.1]
(3)	Note ¹
4.11.3.8.	[F01,F43,F44-OS1.1,OP1.1] [F03,F44,F81-OS1.2,OP3.1] [F02,F12-OS1.2,OP1.2]
SECTION 4.12	LABORATORIES
Subsection 4.12.1.	Application
4.12.1.1.	Note ¹
4.12.1.2.	Note ¹
Subsection 4.12.2.	Separation
4.12.2.1. (1)	[F03-OS1.2,OP1.2]
(2)	Note ¹
Subsection 4.12.3.	Maximum Quantities
4.12.3.1. (1)	[F02-OS1.2,OP1.2] [F43-OS1.1,OP1.1]
(2)	[F02-OS1.2,OP1.2]
(3)	[F03-OS1.2,OP1.2]
(4)	[F01,F43-OS1.1,OP1.1]
Subsection 4.12.4.	Emergency Planning
4.12.4.1. (1)	Note ¹
(2)	[F12-OS1.5]
(3)	[F01,F12-OS1.1,OP1.1]
(4)	[F34-OS1.1,OP1.1]
Subsection 4.12.5.	Spill Control
4.12.5.1.	Note ¹
Subsection 4.12.6.	Electrical Equipment
4.12.6.1.	Note ¹
Subsection 4.12.7.	Inspection and Maintenance
4.12.7.1. (1)	[F82-OS1.1,OS1.2,OP1.1,OP1.2]
(2)	[F82-OS1.1,OS1.2,OP1.1,OP1.2]
Subsection 4.12.8.	Ventilation
4.12.8.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹

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4.12.8.2. (1)	[F01-OS1.1,OP1.1]
(2)	[F01,F81-OS1.1,OP1.1]
4.12.8.3. (1)	[F01-OS1.1,OP1.1]
4.12.8.4. (1)	[F01-OS1.1,OP1.1]
(2)(a)	[F82-OS1.1,OS1.2,OP1.1,OP1.2]
(b)	[F02-OS1.2,OP1.2]
4.12.8.5. (1)(a)	[F01,F80-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
(b)	[F82-OS1.1,OP1.1]
(c)	[F81-OS1.1,OP1.1]
(d)	Note ¹
(2)(a)	Note ¹
(b)	Note ¹
(3)	Note ¹
Subsection 4.12.9.	Refrigerated Storage
4.12.9.1. (1)	[F81-OS1.1,OP1.1]
(2)	[F01,F43-OS1.1,OP1.1]
Subsection 4.12.10	Existing Laboratories in Basements
4.12.10.1. (1)(a)	[F02-OS1.2,OP1.2]
(b)	[F01-OS1.1,OP1.1]
(c)	[F01-OS1.1,OP1.1] [F13-OS1.4,OP1.4]
(d)	[F01-OS1.1] [F12-OS1.2,OS1.5,OP1.2]
(e)	[F02-OS1.2,OP1.2]
(f)	[F01-OS1.1,OP1.1] F13-OS1.1,OS1.2,OP1.1.OP1.2]
(g)	[F02,F20-OS1.2,OS1.3,OP1.2,OP1.3]

Table 5
Objectives and Functional Statements Attributed to the
Acceptable Solutions in Part 5 of Division B

Acceptable Solution	Objectives and Functional Statements
SECTION 5.1	GENERAL
Subsection 5.1.1.	Application
5.1.1.1.	Note ¹
Subsection 5.1.2.	Means of Egress
5.1.2.1.	[F10-OS1.5]
Subsection 5.1.3.	Electrical Installations
5.1.3.1.	[F01-OS1.1]
Subsection 5.1.4.	Ventilation
5.1.4.1.	[F01-OS1.1, OP1.1]
5.1.4.2. (1)	[F01-OS1.1,OP1.1]
5.1.4.2. (2)	Note ¹
SECTION 5.2	EXPLOSIVES, FIREWORKS AND PYROTECHNICS
Subsection 5.2.1.	General
5.2.1.1.	Note ¹
5.2.1.2.	[F01-OS1.1] [F02,F03-OS1.2]
5.2.1.3 (1)(a)	[F12-OS1.2,OP1.2]
(b)	[F12-OS1.2,OP1.2]
(c)	[F12-OS1.2,OP1.2]
(2)	Note ¹
5.2.1.4.	[F01-OS1.1] [F02,F03-OS1.2]
SECTION 5.3	RESERVED
SECTION 5.4	CELLULOSE NITRATE PLASTICS
Subsection 5.4.1.	Displays
5.4.1.1.	[F02,F03-OS1.2,OP1.2]
5.4.1.2.	[F01-OS1.1,OP1.1]
Subsection 5.4.2.	Manufacture
5.4.2.1.	[F01-OS1.1,OP1.1] [F02,F12-OS1.2,OP1.2]
5.4.2.2.	[F02-OS1.2,OP1.2]
5.4.2.3.	[F01-OS1.1,OP1.1] [F02,F03-OS1.2,OP1.2]
5.4.2.4.	[F01-OS1.1,OP1.1] [F02,F03-OS1.2,OP1.2]
5.4.2.5.	[F81-OS1.1,OP1.1]
5.4.2.6.	[F02-OS1.2,OP1.2]

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Acceptable Solution	Objectives and Functional Statements
5.4.2.7.	[F02-OS1.2,OP1.2]
5.4.2.8.	[F81-OS1.1,OP1.1]
Subsection 5.4.3.	Storage of Finished Products
5.4.3.1.	[F01-OS1.1,OP1.1]
5.4.3.2. (1)	[F01-OS1.1,OP1.1]
5.4.3.3. (1)	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2]
(2)	[F02-OS1.2,OP1.2]
5.4.3.4. (1)	[F01-OS1.1,OP1.1] [F02,F03-OS1.2,OP1.2] [F04-OS1.3,OP1.3]
5.4.3.5. (1)	[F01-OS1.1,OP1.1] [F02,F03-OS1.2,OP1.2] [F04-OS1.3,OP1.3]
Subsection 5.4.4.	Cellulose Nitrate Motion Picture Film
5.4.4.1.	Note ¹
5.4.4.2.	[F02,F03-OS1.2,OP1.2]
5.4.4.3.	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
Subsection 5.4.5.	Fire Protection
5.4.5.1.	[F02-OS1.2,OP1.2]
SECTION 5.5	RESERVED
SECTION 5.6	COMPRESSED GAS CYLINDERS
Subsection 5.6.1.	General
5.6.1.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
(6)	[F03-OS1.2,OP1.2]
(7)	Note ¹
(8)	Note ¹
5.6.1.2. (1)	[F01,F43-OS1.1,OP1.1]
(2)	[F01,F43-OS1.1,OP1.1]
5.6.1.3.	[F01,F43-OS1.1,OP1.1]
5.6.1.4.	[F01,F43,F81-OS1.1,OP1.1]
5.6.1.5.	[F20-OS1.1,OP1.1]
5.6.1.6.	[F01,F80-OS1.1,OP1.1]
5.6.1.7.	[F01-OS1.1,OP1.1]
Subsection 5.6.2.	Storage
5.6.2.1. (1)	[F01,F34,F80,F81-OS1.1]

Acceptable Solution	Objectives and Functional Statements
	[F02-OS1.2]
(2)	[F02-OS1.2]
5.6.2.2. (1)	[F12-OS1.2] [F34-OS1.1]
(2)	[F01-OS1.1] [F03-OS1.2]
5.6.2.3. (1)	[F44-OS1.1,OP1.1]
(2)	Note ¹
5.6.2.4. (1)(a)	[F03-OS1.2,OP1.2]
(b)	[F03,F12-OS1.2,OP1.2] [F44-OS1.1,OP1.1]
(c)	[F03,F12-OS1.2,OP1.2]
(d)	F03-OS1.2,OP1.2] [F44-OS1.1,OP1.1]
(e)	[F02-OS1.2,OP1.2] [F04-OS1.3,OP1.3]
(f)	[F01-OS1.1,OP1.1]
(g)	[F01-OS1.1,OP1.1]
(h)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
(2)	Note ¹
(3)	Note ¹
(4)	[F01-OS1.1,OP1.1]
(5)	[F01,F81-OS1.1,OP1.1] [F02,F03-OS1.2,OP1.2]
5.6.2.5.	RESERVED
5.6.2.6.	Note ¹
5.6.2.7. (1)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
(2)	Note ¹
(3)	Note ¹
5.6.2.8.	[F12-OS1.2,OP1.2]
SECTION 5.7	RESERVED
SECTION 5.8	RESERVED
SECTION 5.9	RESERVED
SECTION 5.10	COMBUSTIBLE DUST PRODUCING PROCESSES
Subsection 5.10.1.	Dust Collection
5.10.1.1.	Note ¹
5.10.1.2. (1)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
(2)	[F01-OS1.1,OP1.1]

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(3)	[F01-OS1.1,OP1.1]
5.10.1.3. (1)	[F01-OS1.1,OP1.1]
5.10.1.4. (1)	[F02-OS1.2,OP1.2]
(2)	[F01-OS1.1,OP1.1]
5.10.1.5. (1)	[F02-OS1.2,OP1.2]
(2)	[F02,F03-OS1.2,OP1.2] [F04-OS1.3,OP1.3]
(3)	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2]
(4)	Note ¹
(5)	Note ¹
5.10.1.6.	[F01-OS1.1,OP1.1]
5.10.1.7. (1)	[F02-OS1.2,OP1.2] [F04-OS1.3,OP1.3]
(2)	[F02-OS1.2,OP1.2] [F04-OS1.3,OP1.3]
5.10.1.8. (1)	[F02-OS1.2,OP1.2] [F04-OS1.3,OP1.3]
(2)	[F02-OS1.2,OP1.2] [F04-OS1.3,OP1.3]
5.10.1.9.	[F01-OS1.1,OP1.1]
5.10.1.10.	[F02-OS1.2,OP1.2]
5.10.1.11. (1)(a)	[F01,F20-OS1.1,OP1.1]
(b)	[F01,F20-OS1.1,OP1.1]
(c)	[F20-OS1.1,OP1.1]
(d)	[F20-OS1.1,OP1.1]
5.10.1.12.	[F01-OS1.1,OP1.1]
5.10.1.13.	[F01-OS1.1,OP1.1]
5.10.1.14.	[F01-OS1.1,OP1.1]
Subsection 5.10.2.	Woodworking Operations
5.10.2.1.	[F01-OS1.1,OP1.1]
5.10.2.2. (1)	Note ¹
(2)	Note ¹
5.10.2.3.	[F01-OS1.1,OP1.1] [F02,F03-OS1.2,OP1.2]
5.10.2.4.	[F02,F12-OS1.2,OP1.2]
SECTION 5.11	HOT SURFACE APPLICATIONS
Subsection 5.11.1.	Application
5.11.1.1.	Note ¹
Subsection 5.11.2.	General
5.11.2.1. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]

Acceptable Solution	Objectives and Functional Statements
5.11.2.2. (1)	[F01-OS1.1,OP1.1]
5.11.2.3. (1)	[F01-OS1.1,OP1.1]
(2)	Note ¹
5.11.2.4. (1)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
5.11.2.5. (1)	[F12-OS1.1,OS1.2,OP1.1,OP1.2]
(2)	[F12-OS1.1,OS1.2,OP1.1,OP1.2]
(3)	[F12-OS1.2,OS1.5,OP1.2]
(4)	[F12-OS1.2,OP1.2] [F30-OS3.1]
(5)	[F12-OS1.1,OS1.2,OP1.1,OP1.2]
5.11.2.6. (1)	[F12-OS1.2,OP1.2]
(2)	[F12-OS1.2,OP1.2]
SECTION 5.12	SPRAY APPLICATIONS USING FLAMMABLE AND COMBUSTIBLE MATERIALS
Subsection 5.12.1.	Application and Separation
5.12.1.1. (1)	Note ¹
(2)	Note ¹
5.12.1.2.	[F03-OS1.2,OP1.2]
Subsection 5.12.2.	Construction
5.12.2.1. (1)	[F02,F03-OS1.2,OP1.2]
(2)	[F02,F82-OS1.2,OP1.2]
(3)	[F02-OS1.2,OP1.2]
5.12.2.2. (1)	[F02-OS1.2,OP1.2] [F82-OS1.1,OS1.2,OP1.1,OP1.2]
(2)	Note ¹
5.12.2.3. (1)	[F02-OS1.2,OP1.2]
(2)	[F02-OS1.2,OP1.2]
(3)	[F82-OS1.2,OP1.2]
(4)	[F01-OS1.1,OP1.1]
(5)	[F82-OS1.1,OP1.1]
(6)	[F82-OS1.1,OS1.2,OP1.1,OP1.2]
(7)	[F01-OS1.1,OP1.1]
5.12.2.4.	[F01-OS1.1,OP1.1]
Subsection 5.12.3.	Ventilation
5.12.3.1. (1)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
5.12.3.2.	[F02-OS1.2,OP1.2] [F44-OS1.1,OP1.1]
5.12.3.3.	[F02-OS1.2,OP1.2] [F44-OS1.1,OP1.1]
5.12.3.4.	[F03-OS1.2,OP1.2]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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5.12.3.5.	[F44-OS1.1,OP1.1]
5.12.3.6. (1)	[F81-OS1.1,OP1.1]
(2)	[F81,F82-OS1.1,OP1.1]
Subsection 5.12.4.	Exhaust Ducts
5.12.4.1.	[F02,F03,F04-OS1.2,OP1.2]
5.12.4.2.	[F03-OS1.2,OP1.2]
5.12.4.3. (1)	[F03-OS1.2,OP1.2]
(2)	[F03-OS1.2,OP1.2]
5.12.4.4.	[F02-OS1.2,OP1.2] [F82-OS1.1,OP1.1]
5.12.4.5. (1)	[F03-OS1.2,OP1.2,OP3.1]
Subsection 5.12.5.	Electrical Equipment
5.12.5.1.	[F01-OS1.1,OP1.1]
5.12.5.2.	[F01-OS1.1,OP1.1]
5.12.5.3.	[F01-OS1.1,OP1.1]
Subsection 5.12.6.	Flammable Liquids and Combustible Liquids
5.12.6.1.	<p>Note¹ Applies to the following text in the Fire Code: “Flammable liquids and combustible liquids for use in spraying areas shall be stored and handled in conformance with Part 4”.</p> <p>[F02-OS1.2,OP1.2] Applies to the following text in the Fire Code: “at no time shall the amount of flammable liquids and combustible liquids in the spraying areas exceed one day’s supply”.</p>
5.12.6.2.	[F01,F43-OS1.1,OP1.1]
5.12.6.3.	[F01,F43-OS1.1,OP1.1]
5.12.6.4.	[F81-OS1.1,OP1.1]
Subsection 5.12.7.	Control of Fire Hazards
5.12.7.1. (1)	<p>[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2] Applies to the following text in the Fire Code: “The spraying equipment for spray booths and spray rooms shall be interlocked to shut down in the event of (a) failure of the ventilation system”.</p> <p>[F01,F81-OS1.1,OP1.1] [F02-OS1.2,OP1.2] Applies to the following text in the Fire Code: “The spraying equipment for spray booths and spray rooms shall be interlocked to shut down in the event of __ (b) failure of the circulating water pump of a water-wash filtration system, or (c) failure of the filter roll-down mechanism of an overspray collection system.”</p>
5.12.7.2. (1)	[F02-OS1.2,OP1.2]

Acceptable Solution	Objectives and Functional Statements
(2)	[F02-OS1.2,OP1.2]
(3)	Note ¹
5.12.7.3.	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
5.12.7.4.	RESERVED
5.12.7.5.	[F01-OS1.1,OP1.1]
5.12.7.6.	[F01-OS1.1,OP1.1]
Subsection 5.12.8.	Fire Protection Equipment
5.12.8.1.	Note ¹
5.12.8.2. (1)	[F02-OS1.2,OP1.2]
(2)	[F02-OS1.2,OP1.2]
(3)	Note ¹
5.12.8.3. (1)	[F81-OS1.2,OP1.2]
(2)	[F82-OS1.2,OP1.2]
Subsection 5.12.9.	Drying Operations
5.12.9.1.	[F01-OS1.1,OP1.1]
5.12.9.2.	[F01-OS1.1,OP1.1]
5.12.9.3. (1)	Note ¹
5.12.9.4. (1)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
Subsection 5.12.10.	Electrostatic Spraying
5.12.10.1.	Note ¹
5.12.10.2. (1)	[F01-OS1.1,OP1.1]
(2)	Note ¹
5.12.10.3. (1)	[F01,F81-OS1.1,OP1.1] [F11-OS1.1,OS1.5,OP1.1]
5.12.10.4.	[F01,F82-OS1.1,OP1.1]
5.12.10.5.	[F01,F81-OS1.1,OP1.1]
5.12.10.6.	[F02-OS1.2,OP1.2]
5.12.10.7.	[F01,F81-OS1.1,OP1.1]
5.12.10.8.	[F01-OS1.1,OP1.1]
5.12.10.9.	[F01-OS1.1,OP1.1]
5.12.10.10.	[F01-OS1.1,OP1.1]
5.12.10.11.	[F01-OS1.1,OP1.1]
5.12.10.12.	[F01-OS1.1,OP1.1]
5.12.10.13.	[F01,F43-OS1.1,OP1.1]
5.12.10.14.	[F01-OS1.1,OP1.1]
5.12.10.15.	[F01,F81-OS1.1,OP1.1]
5.12.10.16.	[F01,F82-OS1.1,OP1.1]
5.12.10.17. (1)	[F81-OS1.1,OP1.1]
5.12.10.18.	[F02-OS1.2,OP1.2]
Subsection 5.12.11.	Dry Powder-Coating Using Spray Guns

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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5.12.11.1. (1)	Note ¹
(2)	[F01-OS1.1,OP1.1] [F02,F03-OS1.2,OP1.2]
5.12.11.2.	[F01-OS1.1,OP1.1]
5.12.11.3.	[F01-OS1.1,OP1.1]
5.12.11.4. (1)	[F01-OS1.1,OP1.1]
(2)	[F81-OS1.1,OP1.1]
5.12.11.5.	[F01-OS1.1,OP1.1]
5.12.11.6.	Note ¹ Applies to the following text in the Fire Code: “shall not be released to the outside atmosphere”. [F01-OS1.1,OP1.1] Applies to the following text in the Fire Code: “Waste air-suspended powders shall be removed by exhaust ducts to a powder recovery system”.
5.12.11.7.	[F01-OS1.1,OP1.1]
5.12.11.8.	[F01-OS1.1,OP1.1]
5.12.11.9.	[F01,F82-OS1.1,OP1.1]
5.12.11.10. (1)	Note ¹
(2)	[F81-OS1.1,OP1.1]
SECTION 5.13	DIP TANKS
Subsection 5.13.1.	Location
5.13.1.1. (1)	[F02,F03-OS1.2,OP1.2]
5.13.1.2.	Note ¹
Subsection 5.13.2.	Construction
5.13.2.1.	[F44-OS1.1,OS1.2,OH5,OP1.1,OP1.2]
5.13.2.2. (1)	[F04-OS1.2,OP1.2]
(2)	[F02-OS1.2,OP1.2]
5.13.2.3.	[F43-OS1.1,OH5,OP1.1]
5.13.2.4.	[F04-OS1.2,OP1.2]
5.13.2.5.	[F03,F44-OS1.2,OP1.2]
5.13.2.6.	[F03,F44-OS1.2,OP1.2]
Subsection 5.13.3.	Overflow and Drain Pipes
5.13.3.1.	[F43-OS1.1,OP1.1]
5.13.3.2.	[F03-OS1.2,OP1.2] [F43-OS1.1,OP1.1]
5.13.3.3.	[F03-OS1.2,OP1.2] [F43-OS1.1,OP1.1]
5.13.3.4.	[F03-OS1.2,OP1.2] [F43-OS1.1,OP1.1]
5.13.3.5.	[F81-OS1.1,OP1.1]

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
5.13.3.6.	<p>[F82-OS1.1,OP1.1] Applies to the following text in the Fire Code: “Piping connections for __ overflow lines shall be designed so as to allow for easy access to their interiors for cleaning purposes”.</p> <p>[F82-OS1.2,OP1.2] Applies to the following text in the Fire Code: “Piping connections for drains __ shall be designed so as to allow for easy access to their interiors for cleaning purposes”.</p>
5.13.3.7.	[F02,F43-OS1.2,OP1.2]
5.13.3.8.	[F02,F03-OS1.2,OP1.2]
5.13.3.9.	[F02-OS1.2,OP1.2]
5.13.3.10.	[F06,F12-OS1.2,OP1.2]
5.13.3.11.	[F02-OS1.2,OP1.2]
5.13.3.12.	[F81-OS1.2,OP1.2]
Subsection 5.13.4.	Salvage Tanks
5.13.4.1.	[F81-OS1.2,OP1.2]
5.13.4.2.	[F43-OS1.2,OP1.2]
5.13.4.3.	[F03-OS1.2,OP1.2]
5.13.4.4.	[F01,F20,F22,F43,F81-OS1.1,OP1.1]
Subsection 5.13.5.	Control of Fire Hazards
5.13.5.1.	[F01-OS1.1,OP1.1]
5.13.5.2.	[F01-OS1.1,OP1.1] [F11-OS1.1,OS1.5,OP1.1]
5.13.5.3.	[F01-OS1.1,OP1.1]
5.13.5.4.	[F02,F03-OS1.2,OP1.2]
5.13.5.5.	[F01-OS1.1,OP1.1]
5.13.5.6.	[F01-OS1.1,OP1.1]
5.13.5.7. (1)	Note ¹
(2)	[F02-OS1.2,OP1.2]
5.13.5.8.	Note ¹
5.13.5.9.	[F81-OS1.1,OP1.1]
Subsection 5.13.6.	Fire Protection
5.13.6.1.	[F02-OS1.2,OP1.2] [F04-OS1.3,OP1.3]
5.13.6.2. (1)	[F02,F03-OS1.2,OP1.2]
5.13.6.3.	Note ¹
5.13.6.4.	Note ¹
SECTION 5.14	SPECIAL PROCESSES INVOLVING FLAMMABLE AND COMBUSTIBLE LIQUIDS
Subsection 5.14.1.	Quench Tanks
5.14.1.1. (1)	[F01-OS1.1,OP1.1]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
(2)	[F01-OS1.1,OP1.1]
5.14.1.2.	[F01-OS1.1]
5.14.1.3.	Note ¹
5.14.1.4. (1)	[F01,F11-OS1.1,OP1.1] [F81-OS1.2,OP1.2]
(2)	[F01,F81-OS1.1,OP1.1]
5.14.1.5.	[F01-OS1.1,OP1.1]
5.14.1.6.	Note ¹
5.14.1.7.	[F01-OS1.1,OP1.1]
Subsection 5.14.2.	Flow-Coating Operations
5.14.2.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
5.14.2.2. (1)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
Subsection 5.14.3.	Roll-Coating Processes
5.14.3.1. (1)	Note ¹
(2)	Note ¹
5.14.3.2. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]
5.14.3.3.	[F02,F03-OS1.2,OP1.2]
Subsection 5.14.4.	Electrostatic Detearing Processes
5.14.4.1. (1)	Note ¹
(2)	Note ¹
5.14.4.2. (1)	[F01-OS1.1,OP1.1]
(2)	Note ¹
5.14.4.3. (1)	[F01,F81-OS1.1,OP1.1] [F11-OS1.1,OS1.5,OP1.1]
5.14.4.4.	[F01,F82-OS1.1,OP1.1]
5.14.4.5. (1)	[F01-OS1.1,OP1.1]
(2)	[F81-OS1.1,OP1.1]
5.14.4.6.	[F02-OS1.2,OP1.2]
5.14.4.7.	[F01,F81-OS1.1,OP1.1]
5.14.4.8.	[F01-OS1.1,OP1.1]
5.14.4.9.	[F01-OS1.1,OP1.1]
Subsection 5.14.5.	Automobile Undercoating
5.14.5.1.	Note ¹
5.14.5.2. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]
5.14.5.3. (1)	[F01-OS1.1,OP1.1]
(2)	[F81-OS1.1,OP1.1]
5.14.5.4.	Note ¹

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
5.14.5.5.	Note ¹
5.14.5.6.	[F02,F12-OS1.2,OP1.2]
5.14.5.7.	[F01,F82-OS1.1,OP1.1] [F02,F03-OS1.2,OP1.2]
Subsection 5.14.6.	Dry Powder-Coating Using Fluidized Beds
5.14.6.1. (1)	Note ¹
(2)	[F01-OS1.1,OP1.1] [F02,F03-OS1.2,OP1.2]
(3)	Note ¹
5.14.6.2.	[F01-OS1.1,OP1.1]
5.14.6.3. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]
5.14.6.4. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]
(3)	[F81-OS1.1,OP1.1]
5.14.6.5.	[F01-OS1.1,OP1.1]
5.14.6.6.	[F01-OS1.1,OP1.1]
5.14.6.7.	Note ¹ Applies to the following text in the Fire Code: “shall not be released to the outside atmosphere”. [F01-OS1.1,OP1.1] Applies to the following text in the Fire Code: “All waste air-suspended powders shall be removed by exhaust ducts to a powder recovery system”.
5.14.6.8.	[F01-OS1.1,OP1.1]
5.14.6.9.	[F01-OS1.1,OP1.1]
5.14.6.10.	[F01,F82-OS1.1,OP1.1]
5.14.6.11. (1)	Note ¹
(2)	[F81-OS1.1,OP1.1]
Subsection 5.14.7.	Organic Peroxides and Dual Component Coatings
5.14.7.1.	[F02,F03-OS1.2,OP1.2]
5.14.7.2.	[F01-OS1.1,OP1.1]
5.14.7.3.	[F01-OS1.1,OP1.1]
5.14.7.4.	[F01-OS1.1,OP1.1]
5.14.7.5.	[F01-OS1.1,OP1.1]
5.14.7.6.	[F81-OS1.1,OP1.1]
New 5.14.8.	Floor Finishing
5.14.8.1.	Note ¹
5.14.8.2.	Note ¹
5.14.8.3.	Note ¹
5.14.8.4. (1)	[F01-OS1.1,OP1.1]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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(2)	[F01-OS1.1,OP1.1]
5.14.8.5. (1)	Note ¹ Applies to the following text in the Fire Code: “During the application of flammable liquids and for at least 1 h after such application ___ (b) and (c)”.
	[F01-OS1.1,OP1.1] Applies to the following text in the Fire Code: “During the application of flammable liquids and for at least 1 h after such application (a)”.
5.14.8.6.	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
Subsection 5.14.9.	Bowling Alleys
5.14.9.1.	Note ¹
5.14.9.2.	[F01-OS1.1,OP1.1] [F12-OS1.2,OP1.2]
5.14.9.3.	Note ¹
5.14.9.4. (1)	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2]
5.14.9.5. (1)	Note ¹
(2)	[F81-OS1.1,OP1.1]
5.14.9.6.	Note ¹
5.14.9.7. (1)	[F01-OS1.1,OP1.1]
(2)	[F03-OS1.2,OP1.2]
Subsection 5.14.10.	Drycleaning and Dyeing Plants
5.14.10.1. (1)	[F01,F81-OS1.1,OP1.1] [F02,F81-OS1.2,OS1.3,OP1.2,OP1.3] [F03-OS1.2,OP1.2]
(2)	Note ¹
5.14.10.2. (1)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2]
(2)	Note ¹
Subsection 5.14.11.	Extraction Operations
5.14.11.1.	Note ¹
5.14.11.2.	Note ¹
SECTION 5.15	RADIOACTIVE NUCLEAR SUBSTANCES
Subsection 5.15.1.	Application
5.15.1.1.	Note ¹
Subsection 5.15.2.	Storage
5.15.2.1.	[F12-OS1.2,OP1.2] [F43-OS3.4,OH5]
5.15.2.2.	[F12-OS1.2,OP1.2] [F43-OS3.4,OH5]

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
5.15.2.3.	Note ¹
Subsection 5.15.3.	Emergency Procedures
5.15.3.1. (1)	[F12-OS3.4]
SECTION 5.16	FUMIGATION AND THERMAL INSECTICIDAL FOGGING
Subsection 5.16.1.	Application
5.16.1.1. (1)	Note ¹
(2)	Note ¹
Subsection 5.16.2.	Safety Precautions
5.16.2.1. (1)	[F01-OS1.1,OP1.1] [F12-OS1.2,OP1.2]
5.16.2.2.	[F11-OS1.5,OP3.1]
5.16.2.3.	[F01-OS1.1,OP1.1]
5.16.2.4.	[F01-OS1.1,OP1.1]
5.16.2.5.	[F81-OS1.4,OP1.4]
5.16.2.6.	[F12-OS1.2,OP1.2]
5.16.2.7. (1)	[F34-OS1.1,OP1.1]
(2)	[F34,F81-OS1.1,OP1.1]
(3)	[F34-OS1.1,OP1.1]
SECTION 5.17	HOT WORKS
Subsection 5.17.1.	Application
5.17.1.1.	Note ¹
5.17.1.2.	[F01-OS1.1,OP1.1]
Subsection 5.17.2.	Use and Maintenance of Equipment
5.17.2.1.	[F01,F81-OS1.1,OP1.1]
5.17.2.2.	Note ¹
5.17.2.3.	Note ¹
5.17.2.4.	[F81-OS1.1,OP1.1]
5.17.2.5.	Note ¹
5.17.2.6. (1)	[F82-OS1.1,OP1.1]
(2)	[F82-OS1.1,OP1.1]
(3)	[F81,F82-OS1.1,OP1.1]
5.17.2.7.	[F01,F43-OS1.1,OP1.1]
5.17.2.8.	[F01-OS1.1,OP1.1]
Subsection 5.17.3.	Prevention of Fires
5.17.3.1. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]
(3)	[F01-OS1.1,OP1.1]
5.17.3.2.	[F81-OS1.1,OP1.1]
5.17.3.3. (1)	[F01-OS1.1,OP1.1]
(2)	Note ¹
(3)	[F12-OS1.2,OP1.2]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
SECTION 5.18	INDUSTRIAL OVENS FOR BAKING AND DRYING PROCESSES
Subsection 5.18.1.	Application
5.18.1.1.	Note ¹
Subsection 5.18.2.	Location
5.18.2.1.	[F01-OS1.1,OP1.1] [F12-OS1.2,OP1.2]
Subsection 5.18.3.	Construction
5.18.3.1.	[F02-OS1.2,OP1.2] Applies to the following text in the Fire Code: “with smooth interior surfaces to permit cleaning”. [F03-OS1.2,OP1.2] Applies to the following text in the Fire Code: “Industrial ovens shall be constructed of noncombustible materials”.
5.18.3.2.	[F01-OS1.1,OP1.1]
5.18.3.3. (1)	[F02-OS1.2,OP1.2]
(2)	[F02-OS1.2,OP1.2]
(3)	Note ¹
(4)	Note ¹
5.18.3.4. (1)(a)	[F03-OS1.2,OP1.2]
(b)	[F03-OS1.2,OP3.1]
(c)(i)	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2,OP3.1]
(ii)	[F01-OS1.1,OP1.1] [F03-OS1.2,OP1.2,OP3.1]
Subsection 5.18.4.	Ventilation
5.18.4.1.	[F01-OS1.1,OP1.1]
5.18.4.2. (1)	[F01-OS1.1,OP1.1]
5.18.4.3. (1)	[F01-OS1.1,OP1.1] [F02,F03-OS1.2,OP1.2]
Subsection 5.18.5.	Maintenance
5.18.5.1. (1)	[F82-OS1.1,OS1.2,OP1.1,OP1.2]
(2)	[F82-OS1.1,OS1.2,OP1.1,OP1.2]
(3)	[F82-OS1.1,OS1.2,OP1.1,OP1.2]
Subsection 5.18.6.	Fire Protection
5.18.6.1.	Note ¹
5.18.6.2.	[F02-OS1.2,OP1.2]
5.18.6.3.	[F02-OS1.2,OP1.2]
5.18.6.4.	[F02-OS1.2,OP1.2]

Table 6
Objectives and Functional Statements Attributed to the
Acceptable Solutions in Part 6 of Division B

Acceptable Solution	Objectives and Functional Statements
SECTION 6.1	GENERAL
Subsection 6.1.1.	Scope
6.1.1.1.	Note ¹
6.1.1.2.	Note ¹
SECTION 6.2	PORTABLE EXTINGUISHERS
Subsection 6.2.1.	General
6.2.1.1.	[F02,F12-OS1.2,OP1.2]
6.2.1.2.	[F82-OS1.4,OP1.4]
6.2.1.3. (1)	[F12-OS1.2,OP1.2]
(2)	Note ¹ Applies to the following text in the Fire Code: "... and where portable extinguishers are located in a fire hose cabinet, an approved lockable, scored glass break-front cabinet may be used." [F81-OS1.4,OP1.4] Applies to the following text in the Fire Code: "A lockable break-front glazed cabinet may be used for security purposes ..."
(3)	[F81-OS1.4,OP1.4]
6.2.1.4.	[F12-OS1.2,OS1.5,OP1.2]
6.2.1.5.	[F12-OS1.2,OP1.2]
6.2.1.6.	[F06,F12-OS1.2,OP1.2]
6.2.1.7.	[F80-OS1.4,OP1.4]
6.2.1.8. (1)	[F81-OS1.4,OP1.4]
6.2.1.9.	[F20,F81-OS1.4,OP1.4]
Subsection 6.2.2.	Classification
6.2.2.1.	[F02,F12-OS1.2,OP1.2]
Subsection 6.2.3.	Selection Requirements
6.2.3.1.	[F02,F12-OS1.2,OP1.2]
Subsection 6.2.4.	Installation Requirements
6.2.4.1.	[F02,F12-OS1.2,OP1.2]
6.2.4.2.	[F12-OS1.2,OP1.2] [F30-OS3.1]
6.2.4.3.	[F12-OS1.2,OP1.2] [F30-OS3.1]
6.2.4.4.	[F12-OS1.2,OP1.2]
Subsection 6.2.5.	Grading of Hazards
6.2.5.1.	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
6.2.5.2.	Note ¹
6.2.5.3.	Note ¹
Subsection 6.2.6.	Distribution
6.2.6.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
6.2.6.2.	[F02,F12-OS1.2,OP1.2]
6.2.6.3.	[F02,F12-OS1.2,OP1.2]
6.2.6.4.	[F02,F12-OS1.2,OP1.2]
6.2.6.5.	[F02,F12-OS1.2,OP1.2]
6.2.6.6.	Note ¹
6.2.6.7.	[F02,F12-OS1.2,OP1.2]
6.2.6.8. (1)	Note ¹
(2)	Note ¹
6.2.6.9. (1)	[F12-OS1.2,OP1.2]
(2)	[F02-OS1.2,OP1.2]
(3)	[F12-OS1.2,OP1.2]
6.2.6.10. (1)	Note ¹
(2)	Note ¹
6.2.6.11.	Note ¹
6.2.6.12. (1)	[F02,F12-OS1.2,OP1.2]
(2)	Note ¹
6.2.6.13.	[F02,F12-OS1.2-OP1.2] [F32-OS3.3]
6.2.6.14.	Note ¹
6.2.6.15.	Note ¹
6.2.6.16. (1)	[F02,F12-OS1.2,OP1.2]
(2)	[F12-OS1.2,OP1.2]
Subsection 6.2.7.	Inspection, Testing and Maintenance
6.2.7.1. (1)	[F82-OS1.4,OP1.4]
(2)	Note ¹
6.2.7.2.	[F82-OS1.4,OP1.4]
6.2.7.3.	[F82-OS1.4,OP1.4]
6.2.7.4. (1)	[F82-OS1.4,OP1.4]
(2)	Note ¹
6.2.7.5.	Note ¹
6.2.7.6.	[F82-OS1.4,OP1.4]
6.2.7.7.	[F82-OS1.4,OP1.4]

Acceptable Solution	Objectives and Functional Statements
6.2.7.8.	[F82-OS1.4,OP1.4]
6.2.7.9. (1)	[F82-OS1.4,OP1.4]
(2)	Note ¹
SECTION 6.3	FIRE ALARM AND VOICE COMMUNICATION SYSTEMS FOR LIFE SAFETY
Subsection 6.3.1.	General
6.3.1.1.	[F82-OS1.4]
6.3.1.2. (1)	[F13-OS1.2,OS1.5,OP1.2]
(2)	Note ¹
(3)	Note ¹
(4)	[F13-OS1.2,OS1.5,OP1.2] [F82-OS1.4,OP1.4]
(5)	[F13-OS1.2,OS1.5,OP1.2] [F82-OS1.4,OP1.4]
6.3.1.3. (1)	[F11,F12-OS1.5] [F13-OS1.2,OS1.5,OP1.2]
6.3.1.4.	[F10,F11-OS1.5] [F13-OS1.2,OS1.5,OP1.2] [F82-OS1.4,OP1.4]
6.3.1.5. (1)	[F11,F81-OS1.5]
(2)	Note ¹
6.3.1.6.	[F81-OS1.4,OP1.4]
6.3.1.7. (1)	Note ¹
(2)	Note ¹
6.3.1.8.	[F11-OS1.5] [F13-OS1.2,OP1.2] [F82-OS1.4,OP1.4]
Subsection 6.3.2.	Check, Inspect and Test
6.3.2.1. (1)	Note ¹
(2)	Note ¹
6.3.2.2. (1)	[F82-OS1.4]
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
6.3.2.3.	[F82-OS1.4,OP1.4]
6.3.2.4.	[F82-OS1.4,OP1.4]
6.3.2.5. (1)	Note ¹
(2)	[F82-OS1.4,OP1.4]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
(3)	[F82-OS1.4,OP1.4]
(4)	Note ¹
6.3.2.6. (1)	Note ¹
(2)	[F11-OS1.5] [F82-OS1.4]
(3)	[F82-OS1.4]
(4)	[F82-OS1.4]
(5)	[F82-OS1.4]
(6)	Note ¹
Subsection 6.3.3. Smoke Alarms – Maintenance and Testing	
6.3.3.1. (1)	Note ¹
6.3.3.2.	Note ¹
6.3.3.3. (1)	[F81,F82-OS1.4]
(2)	[F81,F82-OS1.4]
(3)	[F81,F82-OS1.4]
6.3.3.4.	[F81,F82-OS1.4]
6.3.3.5. (1)	[F81,F82-OS1.4]
6.3.3.6	[F81-OS1.4]
6.3.3.7. (1)	[F81,F82-OS1.4]
(2)	[F11-OS1.5]
(3)	Note ¹
6.3.3.8. (1)	Note ¹
(2)	[F82-OS1.4]
(3)	[F82-OS1.4]
(4)	[F82-OS1.4]
(5)	[F82-OS1.4]
(6)	[F82-OS1.4]
Subsection 6.3.4. Carbon Monoxide Alarms – Maintenance and Testing	
6.3.4.1.	Note ¹
6.3.4.2.	Note ¹
6.3.4.3. (1)	[F81,F82-OS3.4]
(2)	[F81,F82-OS3.4]
6.3.4.4.	[F81,F82-OS3.4]
6.3.4.5. (1)	[F81,F82-OS3.4]
6.3.4.6.	[F81-OS3.4]
6.3.4.7. (1)	Note ¹

Acceptable Solution	Objectives and Functional Statements
(2)	Note ¹
(3)	[F81,F82-OS3.4]
(4)	[F81-OS3.4]
(5)	Note ¹
(6)	Note ¹
6.3.4.8. (1)	Note ¹
(2)	[F82-OS3.4]
(3)	[F82-OS3.4]
(4)	[F82-OS3.4]
(5)	[F82-OS3.4]
SECTION 6.4	STANDPIPE AND HOSE SYSTEMS
Subsection 6.4.1.	General
6.4.1.1.	[F02,F12-OS1.2,OP1.2]
6.4.1.2.	[F82-OS1.4,OP1.4]
6.4.1.3. (1)	[F81-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
(3)	[F81,F82-OS1.4,OP1.4]
6.4.1.4. (1)	[F12-OS1.4,OP1.4]
6.4.1.5.	Note ¹
6.4.1.6.	Note ¹
Subsection 6.4.2.	Maintenance and Inspection of Hose Stations and Equipment
6.4.2.1.	[F82-OS1.4,OP1.4]
6.4.2.2.	[F81-OS1.4,OP1.4]
6.4.2.3.	[F12-OS1.2,OP1.2] [F81-OS1.4,OP1.4]
6.4.2.4.	[F82-OS1.4,OP1.4]
6.4.2.5. (1)	[F82-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
6.4.2.6. (1)	[F12,F81-OS1.4,OP1.4]
(2)	[F12,F81-OS1.4,OP1.4]
6.4.2.7. (1)	Note ¹
(2)	Note ¹
Subsection 6.4.3.	Checking, Inspection and Testing
6.4.3.1. (1)	Note ¹
(2)	Note ¹
6.4.3.2.	[F82-OS1.4,OP1.4]
6.4.3.3.	[F82-OS1.4,OP1.4]

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6.4.3.4. (1)	[F82-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
6.4.3.5.	[F82-OS1.4,OP1.4]
6.4.3.6. (1)	[F82-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
6.4.3.7. (1)	[F82-OS1.4,OP1.4]
6.4.3.7. (2)	Note ¹
6.4.3.7. (3)	[F82-OS1.4,OP1.4]
6.4.3.7. (4)	Note ¹
6.4.3.8.	[F82-OS1.4,OP1.4]
SECTION 6.5	SPRINKLER SYSTEMS
Subsection 6.5.1.	General
6.5.1.1. (1)	[F02-OS1.2,OP1.2]
(2)	Note ¹
6.5.1.2.	[F02,F03-OS1.2,OP1.2] [F82-OS1.4,OP1.4]
6.5.1.3. (1)	[F81-OS1.4,OP1.4]
6.5.1.4.	[F81-OS1.4,OP1.4]
6.5.1.5. (1)	[F02-OS1.2,OP1.2]
(2)	[F02-OS1.2,OP1.2]
6.5.1.6. (1)	Note ¹
(2)	[F82-OS1.4,OP1.4]
(3)	[F81-OS1.4,OP1.4]
(4)	Note ¹
(5)	[F82-OS1.4,OP1.4]
(6)	[F82-OS1.4,OP1.4]
(7)	[F82-OS1.4,OP1.4]
(8)	[F82-OS1.4,OP1.4]
6.5.1.7. (1)	[F82-OS1.4,OP1.4]
(2)	Note ¹
6.5.1.8. (1)	Note ¹
(2)	Note ¹
Subsection 6.5.2.	Sprinkler System Shutdowns
6.5.2.1.	Note ¹
6.5.2.2. (1)	Note ¹
(2)	Note ¹

Acceptable Solution	Objectives and Functional Statements
6.5.2.3.	[F81-OS1.4,OP1.4]
6.5.2.4. (1)	[F10,F12-OS1.4,OP1.4]
6.5.2.5.	[F12,F81-OS1.4,OP1.4]
6.5.2.6.	[F12,F81-OS1.4,OP1.4]
Subsection 6.5.3.	Checking
6.5.3.1.	[F82-OS1.4,OP1.4]
6.5.3.2.	[F82-OS1.4,OP1.4]
6.5.3.3.	[F82-OS1.4,OP1.4]
6.5.3.4.	[F82-OS1.4,OP1.4]
Subsection 6.5.4.	Inspection
6.5.4.1.	[F82-OS1.4,OP1.4]
6.5.4.2.	[F82-OS1.4,OP1.4]
6.5.4.3.	[F82-OS1.4,OP1.4]
6.5.4.4. (1)	[F81-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
(3)	[F81,F82-OS1.4,OP1.4]
6.5.4.5. (1)	<p>[F81-OS1.4,OP1.4] Applies to the following text in the Fire Code: “valves controlling sprinkler water supplies or alarms shall be sealed in the open position”.</p> <p>[F82-OS1.4,OP1.4] Applies to the following text in the Fire Code: “valves controlling sprinkler water supplies or alarms shall be <u>inspected</u> weekly”.</p>
(2)	[F82-OS1.4,OP1.4]
(3)	[F82-OS1.4,OP1.4]
Subsection 6.5.5.	Testing
6.5.5.1.	[F11,F12-OS1.5]
6.5.5.2. (1)	[F82-OS1.4,OP1.4]
(2)	[F81,F82-OS1.4,OP1.4]
6.5.5.3.	[F82-OS1.4,OP1.4]
6.5.5.4. (1)	[F82-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
(3)	Note ¹
(4)	[F82-OS1.4,OP1.4]
(5)	[F82-OS1.4,OP1.4]
6.5.5.5.	[F82-OS1.4,OP1.4]
6.5.5.6.	[F82-OS1.4,OP1.4]
6.5.5.7. (1)	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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(2)	Note ¹
(3)	[F82-OS1.4,OP1.4]
Subsection 6.5.6.	Maintenance
6.5.6.1.	[F81-OS1.4,OP1.4]
6.5.6.2.	[F12-OS1.2,OP1.2] [F82-OS1.4,OP1.4]
6.5.6.3.	[F12-OS1.2,OP1.2] [F51,F82-OS1.4,OP1.4]
6.5.6.4. (1)	[F81-OS1.4,OP1.4]
(2)	Note ¹
6.5.6.5. (1)	Note ¹
(2)	[F81,F82-OS1.4,OP1.4]
(3)	[F82-OS1.4,OP1.4]
(4)	[F81-OS1.4,OP1.4]
(5)	[F82-OS1.4,OP1.4]
6.5.6.6.	[F06-OS1.4,OP1.4]
SECTION 6.6	WATER SUPPLIES FOR FIRE PROTECTION
Subsection 6.6.1.	General
6.6.1.1.	[F80-OS1.4,OP1.4]
6.6.1.2. (1)	[F81-OS1.4,OP1.4] Applies to the following text in the Fire Code: “valves controlling water supplies used exclusively for fire protection systems or combined domestic water supplies and fire protection systems shall be sealed in the open position”. [F82-OS1.4,OP1.4] Applies to the following text in the Fire Code: “valves controlling water supplies used exclusively for fire protection systems or combined domestic water supplies and fire protection systems shall be <u>inspected</u> weekly”.
(2)	[F82-OS1.4,OP1.4]
(3)	[F82-OS1.4,OP1.4]
6.6.1.3.	[F81-OS1.4,OP1.4]
6.6.1.4.	[F81-OS1.4,OP1.4]
6.6.1.5. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
Subsection 6.6.2.	Tanks
6.6.2.1.	[F82-OS1.4,OP1.4]

Acceptable Solution	Objectives and Functional Statements
6.6.2.2.	[F82-OS1.4,OP1.4]
6.6.2.3.	[F81,F82-OS1.4,OP1.4]
6.6.2.4.	[F81,F82-OS1.4,OP1.4]
6.6.2.5.	[F82-OS1.4,OP1.4]
6.6.2.6. (1)	[F82-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
6.6.2.7.	[F82-OS1.4,OP1.4]
6.6.2.8.	[F82-OS1.4,OP1.4]
6.6.2.9.	[F82-OS1.4,OP1.4]
6.6.2.10.	[F04,F20,F81,F82-OS1.4,OP1.4]
6.6.2.11.	[F82-OS1.4,OP1.4]
6.6.2.12. (1)	[F82-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
6.6.2.13.	[F82-OS1.4,OP1.4]
Subsection 6.6.3.	Fire Pumps and Reservoirs
6.6.3.1.	[F82-OS1.4,OP1.4]
6.6.3.2.	[F82-OS1.4,OP1.4]
6.6.3.3. (1)	[F82-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
6.6.3.4. (1)	[F82-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
6.6.3.5.	[F82-OS1.4,OP1.4]
6.6.3.6.	Note ¹
Subsection 6.6.4.	Hydrants
6.6.4.1.	[F12-OS1.2,OP1.2] [F82-OS1.4,OP1.4]
6.6.4.2.	[F12-OS1.2,OP1.2]
6.6.4.3.	[F12-OS1.2,OP1.2]
Subsection 6.6.5.	Inspection of Hydrants
6.6.5.1.	[F82-OS1.4,OP1.4]
6.6.5.2. (1)	[F81-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
(3)	[F81,F82-OS1.4,OP1.4]
6.6.5.3.	[F81,F82-OS1.4,OP1.4]
6.6.5.4.	[F82-OS1.4,OP1.4]
6.6.5.5.	Note ¹
6.6.5.6.	[F82-OS1.4,OP1.4]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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6.6.5.7.	[F82-OS1.4,OP1.4]
6.6.5.8.	Note ¹
Subsection 6.6.6.	Uniform Marking of Hydrants
6.6.6.1.	[F12-OS1.2,OP1.2]
SECTION 6.7	EMERGENCY POWER SYSTEMS
Subsection 6.7.1.	General
6.7.1.1. (1)	[F82-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
(3)	[F12-OS1.4,OP1.5]
6.7.1.2.	[F12,F81-OS1.4,OP1.4]
6.7.1.3.	Note ¹
6.7.1.4.	[F82-OS1.4,OP1.4]
6.7.1.5. (1)	[F82-OS1.4,OP1.4]
(2)	Note ¹
SECTION 6.8	SPECIAL FIRE SUPPRESSION SYSTEMS
Subsection 6.8.1.	Installation
6.8.1.1. (1)	Note ¹
(2)	Note ¹
(3)	[F02,F81-OS1.2,OP1.2]
(4)	[F02,F81-OS1.2,OP1.2]
(5)	[F02,F81-OS1.2,OP1.2]
(6)	[F02-OS1.2,OP1.2]
(7)	[F12,F82-OS1.4,OP1.4]
(8)	[F12-OS1.4,OP1.4]
Subsection 6.8.2.	Inspection and Maintenance
6.8.2.1. (1)	[F82-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
(3)	[F12-OS1.4,OP1.4]
6.8.2.2.	Note ¹
6.8.2.3.	[F82-OS1.4,OP1.4]
6.8.2.4.	[F82-OS1.4,OP1.4]
6.8.2.5.	[F20,F82-OS1.4,OP1.4]
6.8.2.6.	[F81-OS1.4,OP1.4]
SECTION 6.9	DECOMMISSIONING
Subsection 6.9.1.	General
6.9.1.1.	Note ¹

Table 7
Objectives and Functional Statements Attributed to the
Acceptable Solutions in Part 7 of Division B

Acceptable Solution	Objectives and Functional Statements
SECTION 7.1	GENERAL
Subsection 7.1.1.	General
7.1.1.1.	Note ¹
SECTION 7.2	INSPECTION, TESTING, NOTIFICATION AND MAINTENANCE OF CERTAIN FIRE EMERGENCY SYSTEMS
Subsection 7.2.1.	Intervals Between Tests
7.2.1.1.	[F82-OS1.4,OP1.4]
Subsection 7.2.2.	Elevators
7.2.2.1. (1)	[F82-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
(3)	[F82-OS1.4,OP1.4]
7.2.2.2. (1)	Note ¹
7.2.2.2. (2)	Note ¹
Subsection 7.2.3.	Venting to Aid Fire Fighting
7.2.3.1. (1)	[F82-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
(3)	[F82-OS1.4,OP1.4]
(4)	[F82-OS1.4,OP1.4]
Subsection 7.2.4.	Central Alarm and Control Facilities and Voice Communication Systems for Life Safety
7.2.4.1.	Note ¹
Subsection 7.2.5.	Maintenance
7.2.5.1.(1)	Note ¹
(2)	[F12-OS1.2,OS1.5,OP1.2]
(3)	[F12-OS1.2,OS1.5,OP1.2]
(4)	[F12-OS1.2,OS1.5,OP1.2]
(5)	[F12-OS1.2,OS1.5,OP1.2] [F82-OS1.4,OP1.4]
(6)	[F12-OS1.2,OS1.5,OP1.2] [F82-OS1.4,OP1.4]
(7)	[F12-OS1.2,OS1.5,OP1.2] [F82-OS1.4,OP1.4]
SECTION 7.3	INSPECTION, TESTING AND MAINTENANCE OF SMOKE CONTROL EQUIPMENT
Subsection 7.3.1.	General
7.3.1.1.	[F03,F05-OS1.5]

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
	[F12-OS1.2,OS1.5,OP1.2]
7.3.1.2.	[F82-OS1.4,OP1.4]
7.3.1.3. (1)	[F82-OS1.4,OP1.4]
(2)	[F82-OS1.4,OP1.4]
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
(6)	Note ¹

Table 8
Objectives and Functional Statements Attributed to the
Acceptable Solutions in Part 8 of Division B

Acceptable Solution	Objectives and Functional Statements
SECTION 8.1	GENERAL
Subsection 8.1.1.	Application
8.1.1.1.	Note ¹
Subsection 8.1.2.	Requirements
8.1.2.1. (1)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2,OP3.1]
(2)	[F01-OS1.1,OP1.1] [F02-OS1.2,OP1.2,OP3.1]
(3)	[F81-OS1.1,OS1.2,OP1.1,OP1.2,OP3.1]
8.1.2.2. (1)	[F11-OS1.5] [F13-OS1.2,OP1.2] Applies to the following text in the Fire Code: “During periods when demolition operations create a fire hazard to parts of the building not under demolition or to neighbouring occupied spaces ____, a firewatch shall be conducted.” [F13-OP3.1] Applies to the following text in the Fire Code: “During periods when demolition operations create a fire hazard to ____ neighbouring properties, a firewatch shall be conducted.”
(2)	[F11-OS1.5] [F13-OS1.2,OP1.2,OP3.1]
(3)	[F11-OS1.5] [F13-OS1.2,OP1.2,OP3.1]
(4)	[F12,F30-OS1.2,OS1.5,OP1.2,OP3.1]
(5)	[F11-OS1.5] [F13-OS1.2,OP1.2,OP3.1]
(6)	[F01-OS1.1,OP1.1,OP3.1] [F11-OS1.5] [F12-OS1.5,OP1.2] [F13-OS1.2,OS1.5,OP1.2,OP3.1] [F82-OS1.4,OP1.4,OP3.1]
(7)	Note ¹
8.1.2.3. (1)	[F01-OS1.1,OP1.1,OP3.1]
(2)	[F02-OS1.2,OS1.5,OP3.1] [F03-OP1.2]
8.1.2.4.	[F01-OP3.1]
8.1.2.5.	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
8.1.2.6. (1)	[F12-OS1.2,OP1.2,OP3.1]
(2)	[F12-OS1.2,OP1.2,OP3.1]
(3)	[F12-OS1.2,OP1.2,OP3.1]
(4)	[F12-OS1.2,OP1.2,OP3.1]
(5)	[F12-OS1.2,OP1.2,OP3.1] [F82-OS1.4,OP1.4,OP3.1]
8.1.2.7. (1)	Note ¹
(2)	[F12-OS1.2,OP1.2]
(3)	[F12-OS1.2,OS1.5,OP1.2]
(4)	[F12-OS1.2,OP1.2]
8.1.2.8. (1)	Note ¹
(2)	[F12-OS1.2,OP1.2]
(3)	[F02-OS1.2,OP1.2]
(4)	Note ¹
8.1.2.9.	Note ¹
8.1.2.10. (1)	[F01-OS1.1,OP1.1]
(2)	[F01-OS1.1,OP1.1]
8.1.2.11.	[F01-OS1.1,OP1.1]
8.1.2.12.	[F10-OS1.5]
8.1.2.13.	[F11-OS1.5]
8.1.2.14. (1)	[F01,F43,F81-OS1.1,OP1.1]
(2)	[F01,F43,F81-OS1.1,OP1.1]

Table 9
Objectives and Functional Statements Attributed to the
Acceptable Solutions in Part 9 of Division B

Acceptable Solution	Objectives and Functional Statements
SECTION 9.1	GENERAL
Subsection 9.1.1.	General
9.1.1.1.	Note ¹
9.1.1.2. (1)	Note ¹
9.1.1.3.	Note ¹
Subsection 9.1.2.	Application
9.1.2.1.	Note ¹
9.1.2.2. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
(6)	Note ¹
Subsection 9.1.3.	Schedule of Compliance
9.1.3.1. (1)	Note ¹
(2)	Note ¹
9.1.3.2.	Note ¹
Subsection 9.1.4.	Life Safety Study
9.1.4.1. (1)	Note ¹
9.1.4.2. (1)	Note ¹
9.1.4.3.	Note ¹
9.1.4.4.	Note ¹
9.1.4.5.	Note ¹
9.1.4.6. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
(6)	Note ¹
(7)	Note ¹
(8)	Note ¹
9.1.4.7. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
(6)	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
(7)	Note ¹
9.1.4.8.	Note ¹
SECTION 9.2	ASSEMBLY OCCUPANCIES
Subsection 9.2.1.	Application and General
9.2.1.1. (1)	Note ¹
9.2.1.2. (1)	Note ¹
(2)	Note ¹
9.2.1.3.	Note ¹
Subsection 9.2.2.	Containment
9.2.2.1. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	Note ¹
9.2.2.2. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	Note ¹
9.2.2.3. (1)	[F03-OS1.2]
(2)	[F03-OS1.2]
(3)	Note ¹
(4)	[F03-OS1.2]
(5)	Note ¹
9.2.2.4. (1)	[F02-OS1.2]
(2)	Note ¹
(3)	Note ¹
Subsection 9.2.3.	Means of Egress
9.2.3.1.	Note ¹
9.2.3.2. (1)	[F10-OS1.5]
(2)	Note ¹
9.2.3.3. (1)	[F10-OS1.5]
(2)	Note ¹
9.2.3.4. (1)	[F10-OS1.5]
(2)	Note ¹
9.2.3.5.	[F10-OS1.5]
9.2.3.6. (1)	[F10-OS1.5]
9.2.3.7. (1)	[F10-OS1.5]
9.2.3.8.	[F10-OS1.5]
9.2.3.9.	Note ¹
9.2.3.10.	[F10-OS1.5]
9.2.3.11. (1)	[F03-OS1.2] [F05,F10,F20,F30-OS1.5]
(2)	Note ¹
9.2.3.12.	[F10,F30-OS1.5]
9.2.3.13. (1)	[F10-OS1.5]

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
(2)	Note ¹
9.2.3.14.	[F10-OS1.5]
9.2.3.15. (1)	[F03-OS1.2] [F05-OS1.5]
(2)	[F03-OS1.2] [F05-OS1.5]
(3)	Note ¹
(4)	Note ¹
9.2.3.16. (1)	[F03-OS1.2] [F05,F10-OS1.5]
(2)	Note ¹
9.2.3.17. (1)	[F02,F03-OS1.2] [F05-OS1.5]
(2)	[F03-OS1.2] [F05-OS1.5]
(3)	Note ¹
9.2.3.18. (1)	[F05-OS1.5]
(2)	[F05-OS1.5]
(3)	Note ¹
Subsection 9.2.4.	Fire Alarm and Detection
9.2.4.1. (1)	[F11-OS1.5]
(2)	Note ¹
Subsection 9.2.5.	Suppression
9.2.5.1. (1)	[F12-OS1.2,OS1.5]
(2)	Note ¹
(3)	Note ¹
9.2.5.2. (1)	[F02-OS1.2]
(2)	Note ¹
(3)	[F02-OS1.2]
(4)	[F02-OS1.2]
(5)	Note ¹
(6)	[F02-OS1.2]
SECTION 9.3	BOARDING, LODGING AND ROOMING HOUSES
Subsection 9.3.1.	Application and General
9.3.1.1. (1)	Note ¹
(2)	Note ¹
9.3.1.2. (1)	Note ¹
(2)	Note ¹
9.3.1.3.	Note ¹
Subsection 9.3.2.	Containment
9.3.2.1.	[F03-OS1.2]
9.3.2.2. (1)(a)	[F03-OS1.2]

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Acceptable Solution	Objectives and Functional Statements
(b)	[F03-OS1.5]
(2)	Note ¹
9.3.2.3.	Note ¹
9.3.2.4. (1)	[F03-OS1.2]
(2)	Note ¹
9.3.2.5. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	[F03-OS1.2]
(4)	[F03-OS1.2]
(5)	Note ¹
(6)	[F03-OS1.2]
(7)	Note ¹
9.3.2.6.	[F81-OH1.1]
Subsection 9.3.3.	Means of Egress
9.3.3.1. (1)	[F10-OS1.5]
(2)	Note ¹
(3)	Note ¹
9.3.3.2. (1)	[F10-OS1.5]
(2)	[F05-OS1.5]
(3)	Note ¹
(4)	[F05-OS1.5]
(5)	Note ¹
9.3.3.3.	Note ¹
9.3.3.4. (1)	[F03-OS1.2] [F10,F20,F30-OS1.5]
(2)	Note ¹
(3)	[F10-OS1.5]
9.3.3.5. (1)	[F03-OS1.2] [F05-OS1.5]
(2)	Note ¹
(3)	Note ¹
9.3.3.6. (1)	[F03-OS1.2]
(2)	[F03-OS1.2]
9.3.3.7.	Note ¹
9.3.3.8. (1)	[F03-OS1.2] [F05-OS1.5]
(2)	[F03-OS1.2] [F05-OS1.5]
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
9.3.3.9.	Note ¹

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
9.3.3.10. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]
9.3.3.11.	[F02-OS1.2] [F10-OS1.5]
9.3.3.12.	[F10,F30-OS1.5]
9.3.3.13.	[F10-OS1.5]
Subsection 9.3.4.	Fire Alarm and Detection
9.3.4.1. (1)	[F11-OS1.5]
(2)	[F11-OS1.5]
9.3.4.2. (1)	[F11-OS1.5]
9.3.4.3.	Note ¹
9.3.4.4.	Note ¹
Subsection 9.3.5.	Suppression
9.3.5.1. (1)	[F02-OS1.2]
(2)	[F02-OS1.2]
SECTION 9.4	HEALTH CARE FACILITIES
Subsection 9.4.1.	Application and General
9.4.1.1. (1)	Note ¹
9.4.1.2.	Note ¹
Subsection 9.4.2.	Containment
9.4.2.1. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	[F03-OS1.2]
9.4.2.2. (1)	Note ¹
(2)	[F03-OS1.2] [F04-OS1.3]
(3)	Note ¹
9.4.2.3. (1)	Note ¹
(2)	[F03-OS1.2] [F04-OS1.3]
(3)	[F10-OS1.5]
(4)	Note ¹
9.4.2.4. (1)(a)	[F03-OS1.2] [F04-OS1.3]
(b)	[F02-OS1.2]
(2)	Note ¹
9.4.2.5. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
9.4.2.6. (1)	[F03-OS1.2]
(2)	[F05-OS1.5]
(3)	Note ¹
(4)	Note ¹
9.4.2.7. (1)	[F03-OS1.2,OS1.5] [F10-OS1.5]
(2)	[F10-OS1.5]
(3)	Note ¹
9.4.2.8. (1)	[F03-OS1.2] [F05-OS1.5]
(2)	[F03-OS1.2] [F05-OS1.5]
(3)	Note ¹
(4)	Note ¹
(5)	[F03-OS1.2]
(6)	Note ¹
9.4.2.9.	[F03-OS1.2]
9.4.2.10. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	[F03-OS1.2]
9.4.2.11.	[F81-OH1.1]
9.4.2.12.	[F03-OS1.2]
9.4.2.13. (1)	[F03-OS1.2]
(2)	Note ¹
9.4.2.14. (1)	[F02-OS1.2]
(2)	Note ¹
(3)	[F03-OS1.2]
9.4.2.15.	[F03-OS1.2]
Subsection 9.4.3.	Means of Egress
9.4.3.1. (1)	[F10-OS1.5]
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
9.4.3.2.	[F10,F12-OS1.5]
9.4.3.3. (1)	[F03-OS1.2] [F05-OS1.5]
(2)	Note ¹
9.4.3.4. (1)	[F10-OS1.5]
(2)	Note ¹
9.4.3.5. (1)	[F10-OS1.5]
(2)	Note ¹
9.4.3.6. (1)	[F10-OS1.5]

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
(2)	[F03-OS1.2] [F05,F10,F20,F30-OS1.5]
(3)	Note ¹
9.4.3.7.	[F10-OS1.5]
Subsection 9.4.4.	Fire Alarm and Detection
9.4.4.1.	[F11-OS1.5]
9.4.4.2. (1)	[F11,F13-OS1.5]
(2)	Note ¹
(3)	Note ¹
9.4.4.3. (1)	[F13-OS1.5,OS1.2]
(2)	Note ¹
9.4.4.4. (1)	[F03-OS1.2] [F10-OS1.5]
(2)	[F03-OS1.2] [F10-OS1.5]
Subsection 9.4.5.	Fire Suppression
9.4.5.1. (1)	[F12-OS1.2,OS1.5]
(2)	Note ¹
(3)	Note ¹
9.4.5.2. (1)	[F02,F03-OS1.2]
(2)	Note ¹
(3)	Note ¹
9.4.5.3. (1)	[F10-OS1.5] [F12-OS1.2]
(2)	Note ¹
9.4.5.4. (1)	[F11-OS1.5]
(2)	Note ¹
9.4.5.5. (1)	[F02-OS1.2]
(2)	[F02-OS1.2] [F81-OS1.4]
(3)	Note ¹
(4)	[F11,F13-OS1.5]
(5)	[F02-OS1.2] [F81-OS1.4]
(6)	Note ¹
SECTION 9.5	BUILDINGS UP TO AND INCLUDING 6 STOREYS IN BUILDING HEIGHT WITH RESIDENTIAL OCCUPANCIES
Subsection 9.5.1.	Application and General
9.5.1.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
9.5.1.2. (1)	Note ¹
(2)	Note ¹
9.5.1.3.	Note ¹
Subsection 9.5.2.	Containment
9.5.2.1. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	[F03-OS1.2]
(6)	Note ¹
9.5.2.2. (1)	Note ¹
(2)	[F03-OS1.2] [F04-OS1.3]
(3)	Note ¹
(4)	Note ¹
9.5.2.3. (1)	Note ¹
9.5.2.4. (1)	Note ¹
(2)	[F03-OS1.2] [F04-OS1.3]
(3)	[F11-OS1.5]
(4)	Note ¹
9.5.2.5. (1)(a)	[F03-OS1.2] [F04-OS1.3]
(b)	[F02-OS1.2]
(2)	Note ¹
(3)	Note ¹
9.5.2.6. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	Note ¹
9.5.2.7. (1)	[F03-OS1.2]
(2)	[F03-OS1.2] [F05-OS1.5]
(3)	Note ¹
9.5.2.8. (1)	[F03-OS1.2] [F05-OS1.5]
(2)	[F03-OS1.2] [F05-OS1.5]
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
(6)	Note ¹
(7)	[F03-OS1.2]

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
(8)	Note ¹
9.5.2.9. (1)(a)	[F03-OS1.2]
(b)(i)	[F02-OS1.2]
(ii)	[F03-OS1.2] [F11-OS1.5]
(2)	Note ¹
(3)	Note ¹
9.5.2.10. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	Note ¹
9.5.2.11.	[F81-OH1.1]
9.5.2.12. (1)	[F03-OS1.2]
(2)	[F02-OS1.2]
9.5.2.13. (1)	[F03-OS1.2]
(2)	Note ¹
9.5.2.14. (1)	[F03-OS1.2]
(2)	[F02-OS1.2]
(3)	Note ¹
(4)	Note ¹
9.5.2.15.	[F03-OS1.2]
Subsection 9.5.3.	Means of Egress
9.5.3.1. (1)	[F10-OS1.5]
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
9.5.3.2. (1)	[F10-OS1.5]
(2)	Note ¹
(3)	Note ¹
9.5.3.3. (1)	[F03-OS1.2] [F05-OS1.5]
(2)	Note ¹
(3)	[F03-OS1.2] [F05-OS1.5]
9.5.3.4.	[F10-OS1.5]
9.5.3.5. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]
(3)	[F10-OS1.5]
9.5.3.6. (1)	[F02-OS1.2] [F10-OS1.5]
(2)	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
9.5.3.7. (1)	[F03-OS1.2] [F10,F20,F30-OS1.5]
(2)	[F05-OS1.5]
(3)	[F05-OS1.5]
(4)	[F05-OS1.5]
(5)	Note ¹
(6)	Note ¹
9.5.3.8.	[F10-OS1.5]
9.5.3.9. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]
(3)	[F10-OS1.5]
Subsection 9.5.4.	Fire Alarm and Detection
9.5.4.1. (1)	[F11-OS1.5]
(2)	Note ¹
(3)	Note ¹
9.5.4.2. (1)	Note ¹
9.5.4.3. (1)	[F11-OS1.5]
(2)	[F11-OS1.5]
(3)	Note ¹
9.5.4.4. (1)	[F11-OS1.5]
9.5.4.5. (1)	[F11-OS1.5]
(2)	Note ¹
(3)	[F81-OS1.4]
(4)	Note ¹
9.5.4.6.	Note ¹
Subsection 9.5.5.	Suppression
9.5.5.1. (1)	[F12-OS1.2,OS1.5]
(2)	Note ¹
9.5.5.2. (1)	[F02,F12-OS1.2]
(2)	Note ¹
(3)	Note ¹
9.5.5.3. (1)	[F02-OS1.2]
(2)	Note ¹
(3)	Note ¹
SECTION 9.6	BUILDINGS HIGHER THAN 6 STOREYS IN BUILDING HEIGHT WITH RESIDENTIAL OCCUPANCIES
Subsection 9.6.1.	Application and General
9.6.1.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
9.6.1.2. (1)	Note ¹
(2)	Note ¹

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
9.6.1.3.	Note ¹
Subsection 9.6.2.	Containment
9.6.2.1. (1)	[F03-OS1.2]
(2)	Note ¹
9.6.2.2. (1)	[F03-OS1.2]
(2)	[F03-OS1.2] [F04-OS1.3]
(3)	Note ¹
9.6.2.3. (1)	[F02-OS1.2]
(2)	Note ¹
9.6.2.4. (1)	[F03-OS1.2]
(2)	Note ¹
9.6.2.5. (1)	[F03-OS1.2]
(2)	[F03-OS1.2] [F05-OS1.5]
(3)	Note ¹
(4)	Note ¹
9.6.2.6. (1)	[F03-OS1.2] [F05-OS1.5]
(2)	[F03-OS1.2]
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
(6)	Note ¹
(7)	Note ¹
(8)	[F03-OS1.2]
(9)	Note ¹
9.6.2.7. (1)(a)	[F03-OS1.2]
(b)	[F02-OS1.2]
(2)	Note ¹
9.6.2.8. (1)	[F03-OS1.2]
(2)	Note ¹
9.6.2.9. (1)	[F03-OS1.2]
(2)	Note ¹
9.6.2.10.	[F81-OH1.1]
9.6.2.11. (1)	[F02,F03-OS1.2]
9.6.2.12. (1)	[F03-OS1.2]
(2)	Note ¹
9.6.2.13. (1)	[F03-OS1.2]
(2)	[F02-OS1.2]
(3)	Note ¹

Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

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Acceptable Solution	Objectives and Functional Statements
9.6.2.14.	[F03-OS1.2] [F11-OS1.5]
9.6.2.15. (1)	[F03-OS1.2]
(2)	[F02-OS1.2]
(3)	Note ¹
9.6.2.16. (1)	[F03-OS1.2,OS1.5]
(2)	Note ¹
(3)	Note ¹
Subsection 9.6.3.	Means of Egress
9.6.3.1. (1)	[F10-OS1.5]
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
9.6.3.2. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]
9.6.3.3. (1)	[F10-OS1.5]
9.6.3.4. (1)	[F03-OS1.2] [F05-OS1.5]
(2)	Note ¹
9.6.3.5.	[F10-OS1.5]
9.6.3.6. (1)	[F10-OS1.5]
(2)	[F10-OS1.5] [F12-OS1.2,OS1.5]
9.6.3.7. (1)	[F02-OS1.2] [F10-OS1.5]
(2)	Note ¹
9.6.3.8.	[F10-OS1.5]
9.6.3.9. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]
(3)	[F10-OS1.5]
Subsection 9.6.4.	Fire Alarm and Detection
9.6.4.1. (1)	[F11-OS1.5] [F13-OS1.2,OS1.5]
(2)	Note ¹
9.6.4.2. (1)	[F11-OS1.5] [F13-OS1.2,OS1.5]
(2)	[F11-OS1.5] [F13-OS1.2,OS1.5]
(3)	Note ¹
9.6.4.3.	[F11-OS1.5]
9.6.4.4. (1)	[F81-OS1.4]
(2)	Note ¹

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
9.6.4.5. (1)	[F12-OS1.5]
(2)	Note ¹
9.6.4.6.	[F13-OS1.5]
9.6.4.7. (1)	[F11,F12-OS1.5]
(2)	[F11,F12-OS1.5]
(3)	Note ¹
9.6.4.8.	[F11,F13-OS1.5] [F81-OS1.4]
9.6.4.9.	[F03-OS1.2]
9.6.4.10. (1)	[F11-OS1.5]
(2)	Note ¹
(3)	[F81-OS1.4]
Subsection 9.6.5.	Suppression
9.6.5.1. (1)	[F12- OS1.2,OS1.5]
(2)	Note ¹
9.6.5.2. (1)	[F02,F12-OS1.2]
(2)	Note ¹
(3)	Note ¹
(4)	[F81-OS1.4]
9.6.5.3. (1)	[F12-OS1.2]
(2)	Note ¹
(3)	Note ¹
9.6.5.4. (1)	[F12-OS1.2]
(2)	Note ¹
(3)	Note ¹
9.6.5.5. (1)	[F02-OS1.2] [F81-OS1.4]
(2)	Note ¹
9.6.5.6. (1)	[F12-OS1.2,OS1.5]
(2)	Note ¹
(3)	Note ¹
9.6.5.7. (1)	[F81-OS1.4]
(2)	Note ¹
SECTION 9.7	BUILDINGS WITH A CARE OCCUPANCY OR A RETIREMENT HOME
Subsection 9.7.1.	Application and General
9.7.1.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
9.7.1.2. (1)	Note ¹
(2)	Note ¹

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Acceptable Solution	Objectives and Functional Statements
9.7.1.3. (1)	Note ¹
(2)	Note ¹
9.7.1.4.	Note ¹
Subsection 9.7.2.	Containment
9.7.2.1. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	[F03-OS1.2] [F05,F10-OS1.5]
Subsection 9.7.3.	Means of Egress
9.7.3.1. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]
(3)	[F10-OS1.5]
(4)	Note ¹
Subsection 9.7.4.	Fire Alarm and Detection
9.7.4.1. (1)	[F13-OS1.2,OS1.5]
(2)	Note ¹
(3)	Note ¹
9.7.4.2. (1)	[F13-OS1.2,OS1.5]
(2)	Note ¹
(3)	Note ¹
9.7.4.3. (1)	[F11,F13-OS1.5]
(2)	[F81-OS1.4]
(3)	Note ¹
(4)	[F81-OS1.4] [F11,F13-OS1.5]
(5)	[F81-OS1.4] [F11,F13-OS1.5]
(6)	Note ¹
9.7.4.4. (1)	[F11,F12-OS1.5]
(2)	Note ¹
(3)	Note ¹
Subsection 9.7.5.	Suppression
9.7.5.1. (1)	[F02-OS1.2] [F81-OS1.4]
(2)	[F02-OS1.2] [F81-OS1.4]
(3)	Note ¹

Acceptable Solution	Objectives and Functional Statements
(4)	Note ¹
(5)	[F11,F13-OS1.5]
(6)	[F02-OS1.2] [F81-OS1.4]
(7)	Note ¹
SECTION 9.8	TWO UNIT RESIDENTIAL OCCUPANCIES
Subsection 9.8.1.	Application and General
9.8.1.1. (1)	Note ¹
9.8.1.2. (1)	Note ¹
Subsection 9.8.2.	Containment
9.8.2.1. (1)	[F03-OS1.2]
(2)	[F03-OS1.2]
(3)	Note ¹
(4)	Note ¹
9.8.2.2. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	Note ¹
9.8.2.3.	Note ¹
9.8.2.4.	[F81-OH1.1]
9.8.2.5. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	Note ¹
Subsection 9.8.3.	Means of Egress
9.8.3.1.	Note ¹
9.8.3.2. (1)	[F10-OS1.5]
9.8.3.3. (1)	[F10-OS1.5]
(2)	[F11-OS1.5]
9.8.3.4. (1)(a)	[F10-OS1.5]
(b)	[F10,F11-OS1.5]
(2)	[F10-OS1.5]
(3)	[F10-OS1.5]
9.8.3.5.	Note ¹
Subsection 9.8.4.	Fire Alarm and Detection
9.8.4.1. (1)	[F11-OS1.5]
(2)	[F11-OS1.5] [F81-OS1.4]
9.8.4.2. (1)	[F11-OS1.5] [F81-OS1.4]
(2)	Note ¹
(3)	[F81-OS1.4]
(4)	Note ¹

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Acceptable Solution	Objectives and Functional Statements
Subsection 9.8.5.	Suppression
9.8.5.1.	[F02-OS1.2] [F81-OS1.4]
Subsection 9.8.6.	Electrical
9.8.6.1. (1)	[F01-OS1.1]
(2)	[F82-OS1.1]
(3)	Note ¹
SECTION 9.9	HOTELS
Subsection 9.9.1.	Application and General
9.9.1.1. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
(6)	Note ¹
(7)	Note ¹
9.9.1.2. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
Subsection 9.9.2.	Containment
9.9.2.1. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
(6)	[F03-OS1.2]
(7)	Note ¹
(8)	Note ¹
9.9.2.2. (1)	Note ¹
(2)	[F03-OS1.2] [F04-OS1.3]
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
9.9.2.3. (1)	Note ¹
(2)	[F03-OS1.2] [F04-OS1.3]
(3)	[F11-OS1.5]
(4)	Note ¹
9.9.2.4. (1)	[F02,F03-OS1.2] [F04-OS1.3]

Acceptable Solution	Objectives and Functional Statements
(2)	Note ¹
(3)	Note ¹
9.9.2.5. (1)	[F02,F03-OS1.2] [F04-OS1.3]
(2)	Note ¹
9.9.2.6. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	Note ¹
9.9.2.7. (1)	Note ¹
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
9.9.2.8. (1)	[F03-OS1.2]
(2)	[F03-OS1.2] [F05-OS1.5]
(3)	Note ¹
9.9.2.9. (1)	[F03-OS1.2]
(2)	Note ¹
9.9.2.10. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
(6)	Note ¹
(7)	[F03-OS1.2]
(8)	Note ¹
9.9.2.11.	[F03-OS1.2]
9.9.2.12. (1)	[F03-OS1.2]
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
(5)	[F81-OH1.1]
(6)	Note ¹
(7)	Note ¹
9.9.2.13. (1)	[F03-OS1.2]
(2)	Note ¹
9.9.2.14. (1)	[F03-OS1.2]
(2)	[F03-OS1.2]
(3)	[F02,F03-OS1.2]
(4)	Note ¹
9.9.2.15. (1)	Note ¹
(2)	[F03-OS1.2,OS1.5]

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Acceptable Solution	Objectives and Functional Statements
(3)	[F03-OS1.2,OS1.5]
(4)	Note ¹
(5)	Note ¹
9.9.2.16. (1)	[F02-OS1.2]
(2)	[F02-OS1.2]
(3)	[F02-OS1.2]
9.9.2.17. (1)	[F05-OS1.5]
(2)	Note ¹
9.9.2.18.	[F05-OS1.5]
9.9.2.19. (1)	Note ¹
(2)	[F01-OS1.1] [F02,F03-OS1.2] [F82-OS1.1,OS1.2]
(3)	[F02-OS1.2]
(4)	[F02-OS1.2]
(5)	[F03-OS1.2]
(6)	Note ¹
Subsection 9.9.3.	Means of Egress
9.9.3.1. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]
9.9.3.2. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]
(3)	[F10-OS1.5]
(4)	Note ¹
(5)	[F10-OS1.5]
(6)	[F10-OS1.5]
(7)	Note ¹
(8)	Note ¹
(9)	[F10-OS1.5]
(10)	[F10-OS1.5]
(11)	[F10-OS1.5]
9.9.3.3. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]
(3)	[F10-OS1.5]
(4)	Note ¹
(5)	[F10-OS1.5]
(6)	Note ¹
9.9.3.4.	Note ¹
9.9.3.5. (1)	[F10-OS1.5]
9.9.3.6. (1)	[F03-OS1.2] [F05-OS1.5]
(2)	[F10-OS1.5]

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Note¹ – Objectives and functional statements have not been attributed and the acceptable solution in Division B of the Fire Code applies.

Acceptable Solution	Objectives and Functional Statements
(3)	Note ¹
(4)	Note ¹
(5)	Note ¹
(6)	Note ¹
9.9.3.7. (1)	Note ¹
(2)	[F03-OS1.2] [F10,F20,F30-OS1.5]
(3)	Note ¹
(4)	[F05-OS1.5]
(5)	[F05-OS1.5]
(6)	[F10-OS1.5]
(7)	[F10-OS1.5]
(8)	Note ¹
9.9.3.8.	[F10-OS1.5]
9.9.3.9.	[F10-OS1.5]
9.9.3.10. (1)	[F10-OS1.5]
(2)	[F10-OS1.5] [F12-OS1.2,OS1.5]
(3)	Note ¹
9.9.3.11. (1)	[F02-OS1.2] [F05-OS1.5]
(2)	Note ¹
9.9.3.12.	[F02-OS1.2]
9.9.3.13.	[F10-OS1.5]
9.9.3.14. (1)	[F10-OS1.5]
(2)	[F10-OS1.5]
(3)	[F10-OS1.5]
Subsection 9.9.4.	Fire Alarm and Detection
9.9.4.1. (1)	[F11-OS1.5] [F13-OS1.2,OS1.5]
(2)	Note ¹
(3)	Note ¹
9.9.4.2. (1)	[F11-OS1.5] [F13-OS1.2,OS1.5]
(2)	[F11-OS1.5] [F13-OS1.2,OS1.5]
(3)	Note ¹
(4)	Note ¹
9.9.4.3. (1)	[F11-OS1.5] [F13-OS1.2,OS1.5]
(2)	Note ¹
(3)	[F11-OS1.5]

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Acceptable Solution	Objectives and Functional Statements
	[F13-OS1.2,OS1.5]
9.9.4.4. (1)	[F11,F13-OS1.5]
9.9.4.5. (1)	[F12-OS1.2,OS1.5]
(2)	Note ¹
9.9.4.6.	[F03-OS1.2]
9.9.4.7. (1)	[F81-OS1.4]
9.9.4.8.	[F11-OS1.5] [F13-OS1.2,OS1.5]
9.9.4.9.	[F11-OS1.5] [F13-OS1.2,OS1.5]
9.9.4.10.	[F81-OS1.4]
9.9.4.11. (1)	[F81-OS1.4]
(2)	Note ¹
(3)	[F81-OS1.4]
(4)	[F81-OS1.4]
9.9.4.12. (1)	[F81-OS1.4]
(2)	[F81-OS1.4]
(3)	Note ¹
9.9.4.13. (1)	[F11-OS1.5]
(2)	[F11-OS1.5] [F81-OS1.4]
(3)	Note ¹ Applies to the following text in the Fire Code: “ Smoke alarms ___ shall have no disconnect switches between the overcurrent device and the smoke alarm ”.
	[F81-OS1.4] Applies to the following text in the Fire Code: “ Smoke alarms shall be installed with permanent connections to an electrical circuit”.
(4)	Note ¹
(5)	[F11-OS1.5]
9.9.4.14. (1)	[F11,F12-OS1.5]
(2)	[F11,F12-OS1.5]
(3)	Note ¹
Subsection 9.9.5.	Suppression
9.9.5.1. (1)	[F12-OS1.2,OS1.5]
(2)	Note ¹
(3)	Note ¹
(4)	Note ¹
9.9.5.2. (1)	[F02,F12-OS1.2]
(2)	Note ¹
(3)	Note ¹

Acceptable Solution	Objectives and Functional Statements
(4)	Note ¹
(5)	Note ¹
(6)	Note ¹
9.9.5.3. (1)	[F12-OS1.2,OS1.5]
(2)	Note ¹
(3)	Note ¹
9.9.5.4.	[F02-OS1.2] [F81-OS1.4]
9.9.5.5. (1)	[F81-OS1.4]
(2)	[F81-OS1.4]

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