

Saskatchewan Amendments

to the

National Building Code of Canada, 2010

(In force May 1, 2013)

1 The National Building Code of Canada 2010 is amended in the manner set forth in this Appendix.

2 Sentence 1.1.1.1.(3) of Division A is repealed.

3 Article 1.4.1.2. of Division A is amended:

(a) by adding the following definition after the definition of *Alteration*:

“*Alternative family care home* means a *dwelling unit* used as a single housekeeping unit where *care* is provided to the residents,

- that provides sleeping accommodation for not more than 10 occupants, and
- that is in a *building* where:
- the occupancy of the building is either *residential occupancy* or *care occupancy*, and
- there is not more than one other *dwelling unit* (See Appendix A)”; and

(b) by adding the following definition after the definition of *Caisson*:

“*Capable of self-preservation* means that a person is capable of recognizing and responding to an emergency given his or her physical, cognitive and behavioural abilities, and is able to arise and walk, or transfer from a bed or chair to a means of mobility, and leave the *building* or move to a safe location on his or her own without the assistance of another person”.

4 Sentence 1.4.1.2.(1) of Appendix A Explanatory Material of Division A is amended by adding the following information after the second paragraph of the definition of Care Occupancy:

“Care occupancies include occupancies within the following:

- the following buildings that are governed by *The Mental Health Services Act*:
 - an approved home
 - an approved facility providing care service without treatment
 - an in-patient facility providing care service without treatment
- the following buildings that are governed by *The Personal Care Homes Act*:
 - a convalescent home
 - a hospice home
 - a personal care home
- the following buildings that are governed by *The Residential Services Act*:
 - an approved private-service home

- an approved home
- a boarding home
- a custodial residence
- a detoxification home without treatment
- an emergency shelter
- a group home
- a group living home
- a maternity home
- the North View Home
- a nursing home
- a palliative care facility
- the South View Home
- a private-service home
- a residential service facility
- a respite home
- a special-care home
- a transition house
- the following buildings that are governed by *The Youth Justice Administration Act*:
 - a custodial home
 - a place of open custody
- the following buildings that are governed by *The Youth Drug Detoxification and Stabilization Act*:
 - a detoxification home without treatment
 - a detoxification facility without treatment
 - Any other home or other building similar to those mentioned above where *care* is provided”.

5 The following entries are added to Table 1.3.1.2. of Division B where they would appear alpha-numerically:

“CSA CAN/CSA-O118.3-93 Northern Pine Tapersawn Shakes 9.26.2.1.(1)”.

“ULC CAN/ULC-S132-93 Standard for Emergency Exit and Emergency Fire Exit Hardware 3.4.6.15.(2)”.

6 Article 3.1.2.5. of Division B is repealed and the following substituted:

“3.1.2.5. Alternative Family Care Homes

1) *Alternative family care homes* are permitted to be classified as *residential occupancies* within the application of Part 3, provided:

- a) interconnected *smoke alarms* are installed in accordance with Article 9.10.19.3.,
- b) carbon monoxide alarms are installed in accordance with Article 9.32.3.9.,
- c) emergency lighting is provided in accordance with Subsection 3.2.7., and
- d) either:
 - i) the occupants are *capable of self-preservation*, or
 - ii) the *building* is *sprinklered* throughout”.

7 Sentence 3.2.5.12.(2) of Division B is repealed and the following substituted:

“2) Instead of the requirements of Sentence (1), NFPA 13R, “Installation of Sprinkler Systems in Residential Occupancies up to and including Four Stories in Height,” is permitted to be used for the design, construction and installation of an automatic sprinkler system installed

- a) in a *building of residential occupancy* throughout that
 - i) is not more than 4 *storeys in building height* and conforms to Articles 3.2.2.47., 3.2.2.48., 3.2.2.50., or 3.2.2.53., or
 - ii) is not more than 3 *storeys in building height* and conforms to Article 9.10.1.3., or
- b) in a *building of care occupancy* provided
 - i) it contains not more than 2 *suites of care occupancy*,
 - ii) it has not more than 10 occupants in each *suite*, and
 - iii) is not more than 3 *storeys in building height* and conforms to Articles 3.2.2.42. to 3.2.2.46.”.

8 Sentence 3.2.5.12.(3) of Division B is repealed and the following substituted:

“3) Instead of the requirements of Sentence (1), NFPA 13D, “Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes,” is permitted to be used for the design, construction and installation of an automatic sprinkler system installed

- a) in a *building of residential occupancy* throughout that contains not more than 2 *dwelling units*, or
- b) in a *building of care occupancy*, provided
 - i) it contains not more than 1 *suite of care occupancy*, the *suite* has not more than 10 occupants and a 30-minute water supply demand can be met, or
 - ii) it contains not more than 2 *suites of care occupancy*, it has not more than 5 occupants in each *suite* and a 30-minute water supply demand can be met”.

9 Clause 3.2.7.9.(1)(b) of Division B is amended by adding the words “and the *building* is within the scope of Subsection 3.2.6.” after “supplied to the *building*”.

10 Sentence 3.2.7.10.(2) is repealed and the following substituted:

“2) Except as otherwise required by Sentence (3) and permitted by this Article, electrical conductors that are used in conjunction with systems identified in Sentence (1) shall

- a) be located in a *service space* that is separated from the remainder of the *building* by a *fire separation* that has a *fire-resistance rating* not less than 1 hr, or
- b) be protected against fire exposure from the source of power supply to the branch circuits serving the equipment to ensure continued operation for not less than 1 hr”.

11 Sentence 3.2.7.10.(3) is repealed and the following substituted:

“3) Electrical conductors identified in Clause (1)(c) shall

- a) be located in a *service space* that is separated from the remainder of the *building* by a *fire separation* that has a *fire-resistance rating* not less than 2 hr, or

b) be protected against fire exposure from the source of power supply to the branch circuits serving the equipment to ensure continued operation for not less than 2 hr”.

12 Sentence 3.3.2.7.(1) of Division B is amended by adding the words “locking or” before the word “latching” and by adding the words “lock or” before the word “latch”.

13 Sentence 3.4.6.16.(2) of Division B is amended by striking out the words “If a door is equipped with a latching mechanism, a device that will release the latch and allow the door to swing wide open” and replacing them with the words “If a door is equipped with a locking or latching mechanism, a device that complies with ULC-S132 “Standard for Emergency Exit and Emergency Fire Exit Hardware” and that will release the lock or latch and allow the door to swing wide open”.

14 Sentence 3.4.6.16.(3) of Division B is amended by adding the words “lock or” before each occurrence of the word “latch”.

15 Sentence 3.5.4.1.(1) of Division B is amended by adding the words “that is more than three *storeys* in *building height*” after “If one or more elevators are provided in a *building*”.

16 The following Article is added after Article 3.8.1.5. of Division B:

“3.8.1.6. Residential Occupancies

1) Notwithstanding Clause 3.8.2.3.(2)(a), in a *building* of *residential occupancy*, except where *dwelling units* are intended to be individually controlled by separate *owners*, at least the greater of

a) one, or

b) 5%

of the *suites* required to be accessible by a *barrier-free* path of travel shall be *barrier-free* in conformance with Article 3.8.3.18. (See Article 9.5.2.3.)”.

17 Clause 3.8.2.3.(2)(a) of Division B is amended by adding the words “except as required in Article 3.8.1.6.” after “a suite of *residential occupancy* or a *suite of care occupancy*”.

18 The following Article is added after Article 3.8.3.17. of Division B:

“3.8.3.18. Residential Occupancies

1) Except as provided in this Article, *suites* within a *residential occupancy* that are required to be *barrier-free* shall conform to the applicable requirements of this Article.

2) In washrooms there shall be

a) a floor space of at least 1 500 mm by 1 500 mm with no encroachment other than the water closet,

b) a door that

- i) swings outward, unless sufficient room is provided within the washroom to permit the door to be closed without interfering with a wheelchair,
 - ii) slides, or
 - iii) is a solid folding door,
 - c) a water closet that conforms to Clauses 3.8.3.8.(1)(c) and (d) and Article 3.8.3.9.,
 - d) a lavatory that conforms to Article 3.8.3.11.,
 - e) where a bathtub is provided, a bathtub equipped with
 - i) faucet handles of the lever type without spring loading,
 - ii) a pressure equalizing valve or an automatic thermostatic mixing valve controlled by a lever or other device operable with a closed fist from the seated position,
 - iii) a recessed soap holder that is within reach of a person in a seated position,
 - iv) an integral slip-resistant bottom,
 - v) grab bars that have
 - A) a horizontal section not less than 900 mm in length mounted on the back wall not less than 150 mm nor more than 300 mm above the rim of the bathtub, and
 - B) a vertical section continued from the horizontal section to rise not less than 600 mm from the horizontal section and located not less than 275 mm nor more than 325 mm from the end of the bathtub at which the controls are located, and
 - vi) where a shower is provided, a shower equipped
 - A) without shower doors, and
 - B) with a hand-held shower head with not less than 1 500 mm of flexible hose, located adjacent to the faucets and controls so that it can be reached from the seated position and equipped with a support so that it can operate as a fixed shower head.
- 3) In kitchens there shall be
- a) a clearance of not less than 1 500 mm between counters and all opposing base cabinets, countertops, appliances or walls, and
 - b) a clear turning circle of not less than 1 500 mm in diameter below countertop height.
- 4) In sleeping rooms there shall be a clear turning circle of not less than 1 500 mm in diameter on one side of the bed.
- 5) Balconies shall be *barrier-free* and shall conform to the size requirements of Sentence 3.3.1.7.(5).
- 6) Kitchen sinks, laundry sinks and other types of sinks shall have
- a) faucet handles of the lever type without spring loading,
 - b) no sharp edges or rough corners, and
 - c) all exposed pipes 1 200 mm or less above the floor insulated or otherwise protected where they may constitute a burn hazard”.

19 Article 6.2.4.1. of Division B is repealed and the following substituted:

“6.2.4.1. Carbon Monoxide Alarms

- 1) This Article applies to every *building* that contains a *residential occupancy*, a *care occupancy* with individual *suites*, a *care occupancy* containing sleeping rooms not within a *suite*, a *treatment occupancy* or a *detention occupancy*, and that also contains
 - a) a fuel-burning *appliance*, or
 - b) a *storage garage*.
- 2) Carbon monoxide (CO) alarms required by this Article shall
 - a) conform to CAN/CSA-6.19, “Residential Carbon Monoxide Alarming Devices,”
 - b) be equipped with an integral alarm that satisfies the audibility requirements of CAN/CSA-6.19, “Residential Carbon Monoxide Alarming Devices,”
 - c) have no disconnect switch between the overcurrent device and the CO alarm, where the CO alarm is powered by the electrical system serving the *suite* (see Appendix A), and
 - d) be mechanically fixed at a height above the floor as recommended by the manufacturer.
- 3) Where a fuel-burning *appliance* is installed in a *suite* of *residential occupancy*, a *suite* of *care occupancy*, a *treatment occupancy* or in a *detention occupancy*, a CO alarm shall be installed
 - a) inside each bedroom, or
 - b) outside each bedroom, within 5 m of each bedroom door, measured following corridors and doorways.
- 4) Where a fuel-burning *appliance* is installed in a *service room* that is not in a *suite* of *residential occupancy*, a *suite* of *care occupancy*, a *treatment occupancy* or in a *detention occupancy*, a CO alarm shall be installed
 - a) either inside each bedroom, or if outside, within 5 m of each bedroom door, measured following corridors and doorways, in every *suite* of *residential occupancy* or *suite* of *care occupancy* that shares a wall or floor/ceiling assembly with the *service room*, and
 - b) in the *service room*.
- 5) For each *suite* of *residential occupancy*, *suite* of *care occupancy*, *treatment occupancy* or *detention occupancy* that shares a wall or floor/ceiling assembly with a *storage garage* or that is adjacent to an attic or crawl space to which the *storage garage* is also adjacent, a CO alarm shall be installed
 - a) inside each bedroom, or
 - b) outside each bedroom, within 5 m of each bedroom door, measured following corridors and doorways”.

20 The following Article is added after Article 8.1.1.3. of Division B:

“8.1.1.4. Occupational Health and Safety

1) In the case of conflict between the provisions of this part and *The Occupational Health and Safety Regulations, 1996*, the provisions of *The Occupational Health and Safety Regulations, 1996* govern”.

21 Sentence 9.9.6.8.(1) of Division B is amended by adding the words “lock or” before the word “latch”.

22 Article 9.10.2.2. of Division B is repealed and the following substituted:

“9.10.2.2. Alternative Family Care Homes

1) *Alternative family care homes* are permitted to be classified as *residential occupancies* (Group C) provided that the home conforms to Article 3.1.2.5.”.

23 Sentence 9.10.15.1.(1) of Division B is repealed and the following substituted:

“1) This Subsection applies to *buildings* in which there is not more than one *dwelling unit* above another *dwelling unit*”.

24 Sentence 9.26.2.1.(1) of Division B is amended:

- (a) by striking out the word “or” after clause (r);
 - (b) by adding the word “or” after clause (s); and
 - (c) by adding the following clause after clause (s):
- “t) CAN/CSA O118.3, “Northern Pine Tapersawn Shakes” ”.

25 Article 9.32.3.9. of Division B is repealed and the following substituted:

“9.32.3.9. Carbon Monoxide Alarms (See Appendix A)

1) This Article applies to every *building* that contains a *residential occupancy*, a *care occupancy* with individual *suites*, or a *care occupancy* containing sleeping rooms not within a *suite*, and that also contains

- a) a fuel-burning *appliance*, or
- b) a *storage garage*.

2) Carbon monoxide (CO) alarms required by this Article shall

- a) conform to CAN/CSA-6.19 “Residential Carbon Monoxide Alarming Devices,”
- b) be equipped with an integral alarm that satisfies the audibility requirements of CAN/CSA-6.19 “Residential Carbon Monoxide Alarming Devices,”
- c) have no disconnect switch between the overcurrent device and the CO alarm, where the CO alarm is powered by the *dwelling unit’s* electrical system, and
- d) be mechanically fixed at a height recommended by the manufacturer.

3) Where a room contains a solid-fuel-burning *appliance*, a CO alarm conforming to CAN/CSA-6.19 “Residential Carbon Monoxide Alarming Devices” shall be mechanically fixed

- a) at the manufacturer’s recommended height where these instructions specifically mention solid-fuel-burning *appliances*, or
- b) in the absence of specific instructions related to solid-fuel-burning *appliances*, on or near the ceiling.

4) Where a fuel-burning *appliance* is installed in a *suite of residential occupancy* or in a *suite of care occupancy*, a CO alarm shall be installed

- a) inside each bedroom, or
- b) outside each bedroom, within 5 m of each bedroom door, measured following corridors and doorways.

5) Where a fuel-burning *appliance* is installed in a *service room* that is not in a *suite of residential occupancy* or that is not in a *suite of care occupancy*, a CO alarm shall be installed

- a) either inside each bedroom, or if outside, within 5 m of each bedroom door, measured following corridors and doorways, in every *suite of residential occupancy* or *suite of care occupancy* that shares a wall or floor/ceiling assembly with the *service room*, and
- b) in the *service room*.

6) For each *suite of residential occupancy* or *suite of care occupancy* that shares a wall or floor/ceiling assembly with a *storage garage* or that is adjacent to an attic or crawl space to which the *storage garage* is also adjacent, a CO alarm shall be installed

- a) inside each bedroom, or
- b) outside each bedroom, within 5 m of each bedroom door, measured following corridors and doorways.

7) Where CO alarms are installed in a house with a *secondary suite*, including their common spaces, the CO alarms shall be wired so that the activation of any one CO alarm causes all CO alarms within the house with a *secondary suite*, including their common spaces, to sound”.