



Province of Alberta

SAFETY CODES ACT

GAS CODE REGULATION

Alberta Regulation 111/2010

With amendments up to and including Alberta Regulation 227/2012

Office Consolidation

© Published by Alberta Queen's Printer

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(Consolidated up to 227/2012)

ALBERTA REGULATION 111/2010

Safety Codes Act

GAS CODE REGULATION

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Schedules

Interpretation

1(1) In this Regulation,

- (a) “Act” means the *Safety Codes Act*;
- (b) “Administrator” means an Administrator appointed under section 14(1) of the Act with respect to gas;
- (c) “Standards Council of Canada” means the Standards Council of Canada established by the *Standards Council of Canada Act* (Canada);
- (d) “utility” means an individual, firm, corporation or other entity authorized to distribute gas services to a consumer in Alberta.

(2) If a code that is declared in force in this Regulation defines a word that is used in this Regulation in a reference to that code, the word has, for the purposes of the reference, the meaning given to it in the code.

Paramourncy

2 If there is a conflict between a code declared in force in this Regulation and another regulation under an Act of Alberta, the other regulation prevails over this Regulation.

Gas systems equipment

3(1) No person shall manufacture, install, sell or offer for sale any equipment related to gas systems for use in Alberta unless the equipment has been

- (a) tested and certified by a certification body accredited by the Standards Council of Canada, or
- (b) inspected and accepted by a certification body accredited by the Standards Council of Canada, and the equipment bears evidence of having been accepted in the manner authorized by the certification body.

(2) If a code, standard or body of rules respecting gas systems that is declared in force under the Act refers to approved equipment, that equipment must meet the requirements of this section.

Prohibition

4 No person shall fuse or join plastic pipe or aluminum pipe unless that person has satisfactorily completed a course of training prescribed by or acceptable to the Administrator.

Natural gas and propane installation code

5 CSA Standard B149.1-10, *Natural gas and propane installation code*, published in January, 2010 by the Canadian Standards Association, is declared in force with the variations specified in Schedule 1.

Propane storage and handling code

6 CSA Standard B149.2-10, *Propane storage and handling code*, published in January, 2010 by the Canadian Standards Association, is declared in force with the variations specified in Schedule 2.

Installation code for propane fuel systems and tanks on highway vehicles

7 CSA Standard B149.5-10, *Installation code for propane fuel systems and tanks on highway vehicles*, published in January, 2010 by the Canadian Standards Association, is declared in force with the variations specified in Schedule 3.

Natural Gas Fuelling Stations Installation Code

8 CSA Standard B108-99, *Natural Gas Fuelling Stations Installation Code*, published in February, 1999 by the Canadian Standards Association, is declared in force with the variations specified in Schedule 4.

Natural Gas for Vehicles Installation Code

9 CSA Standard B109.01, *Natural Gas for Vehicles Installation Code*, published in June, 2001 by the Canadian Standards Association, is declared in force with the variations specified in Schedule 5.

Repeal

10 The *Gas Code Regulation* (AR 113/2005) is repealed.

11 Repealed AR 227/2012 s4.

Coming into force

12 This Regulation comes into force on September 1, 2010.

Schedule 1**Variations to CSA Standard B149.1-10,
Natural gas and propane installation code**

1 Part 2 is amended by striking out “*National Building Code of Canada, 2005*” and substituting “*Alberta Building Code 2006*”.

2 Part 3 is amended in the definition of “building” by striking out “applicable building code of the authority having jurisdiction or, in the absence of such, in accordance with the *National Building Code of Canada*” and substituting “*Alberta Building Code 2006*”.

3 Part 4 is amended

(a) by striking out Clauses 4.8.2 and 4.8.3 and substituting the following:

4.8.2 When a *mobile home* is placed on a permanent foundation, a replacement *furnace* or water heater is not required to be certified specifically for use within the *mobile home* but it shall be installed in accordance with CSA Z.240.

4.8.3 When a *mobile home* is placed on a permanent foundation and permanent structural alterations are made to the floor, an exterior wall, or both, gas fired *appliances* and gas supply piping may be installed in accordance with the requirements of the Code.

- (b) **by striking out Clause 4.14.5 and substituting the following:**

4.14.5 An *appliance* shall not be installed on a roof of a *building* exceeding 13 ft (4 m) in height from grade to roof elevation unless direct access is provided in accordance with the *Alberta Building Code 2006*.

- (c) **in Clause 4.16.4 by striking out** “in accordance with local building codes or in the absence of local codes, the *National Building Code of Canada*” **and substituting** “the *Alberta Building Code 2006*”;

- (d) **in Clause 4.17.2 by striking out** “*National Building Code of Canada*” **and substituting** “*Alberta Building Code 2006*”.

4 Part 6 is amended

- (a) **by striking out Clause 6.14.5 and substituting the following:**

6.14.5 Bending of gas supply piping shall be made only with bending equipment and procedures especially intended for that purpose.

- (b) **by striking out Clause 6.15.12 and substituting the following:**

6.15.12 An *approved* transition *fitting* shall be used for connecting piping of either steel or copper to plastic. A mechanical compression transition *fitting* shall not be located within 15 ft (4.5 m) of a *building*.”

5 Part 7 is amended

- (a) **in the Note to Clause 7.2.3.2 by striking out** “*National Building Code of Canada or local code*” **and substituting** “*Alberta Building Code 2006*”;
- (b) **by adding the following after Clause 7.2.3.2:**

7.2.3.3 The fuel supply for generators mentioned in Clauses 7.2.3.1 and 7.2.3.2 shall comply with the requirements of the *Alberta Building Code 2006*;

- (c) in Clauses 7.23.2 and 7.24.2 by striking out “local building code or, in the absence of such, with the *National Building Code of Canada*” and substituting “*Alberta Building Code 2006*”.

6 Part 8 is amended

- (a) in Clause 8.12.1 by striking out “local building code or, in the absence of such, in accordance with the *National Building Code of Canada*” and substituting “*Alberta Building Code 2006*”;
- (b) in Clause 8.30.1(a) by striking out “local building code or, in the absence of such, with the requirements of the *National Building Code of Canada*” and substituting “*Alberta Building Code 2006*”.

7 Part 9 is amended

- (a) in Clause 9.1.3 by striking out “*National Building Code of Canada*” and substituting “*Alberta Building Code 2006*”;
- (b) in Clause 9.1.5 by striking out “6.22” and substituting “6.21”.

Schedule 2

**Variations to CSA Standard B149.2-10,
*Propane storage and handling code***

1 Part 2 is amended by striking out “*National Building Code of Canada 2005*” and substituting “*Alberta Building Code 2006*”.

2 Part 3 is amended in the definition of “building” by striking out “applicable building code of the authority having jurisdiction or, in the absence of such, in accordance with the *National Building Code of Canada*” and substituting “*Alberta Building Code 2006*”.

Schedule 3**Variations to CSA Standard B149.5-10,
*Installation code for propane fuel systems
and tanks on highway vehicles***

1 Clause 5.14.1 is amended by striking out “Except for a vehicle with an installed *tank* that is equipped with a *stop-fill valve*,” **and substituting** “Except for a vehicle that is in compliance with this Code,”.

Schedule 4**Variations to CSA Standard B108-99,
*Natural Gas Fuelling Stations Installation Code***

1 Part 1 is amended by adding the following after Clause 1.3:

1.4 This Code and any standards referenced in the Code do not make or imply any assurance or guarantee with respect to the life expectancy, durability or operating performance of equipment and materials referenced in the Code.

2 Part 2 is amended in the definition of “building” by striking out “applicable building code of the authority having jurisdiction or, in the absence of such, in accordance with the *National Building Code of Canada*” **and substituting** “*Alberta Building Code 2006*”.

3 Part 6 is amended in Clause 6.15 by striking out “under the local building code”.

4 Part 9 is amended in Clause 9.2 by striking out “CSA Standard CAN/CGA B149.1” **and substituting** “CSA Standard B149.1-10”.

5 Part 10 is amended in Clause 10.4 by striking out “CSA Standard CAN/CGA B149.1” **and substituting** “CSA Standard B149.1-10”.

Schedule 5**Variations to CSA Standard B109.01,
Natural Gas for Vehicles Installation Code****1 Part 3 is amended by adding the following after Clause 3.1.4:**

3.1.5 This Code and any standards referenced in the Code do not make or imply any assurance or guarantee with respect to the life expectancy, durability or operating performance of equipment and materials referenced in the Code.

2 Part 4 is amended

(a) **in Clause 4.4.6.1 by striking out** “Note: When the cylinder is clamped by the neck, a resilient gasket is not required between the clamping mount and the cylinder neck when direct contact between these materials does not produce galvanic corrosion and the clamping system does not leave a space where road salts and moisture may accumulate and cause corrosion that may lead to premature failure at either the cylinder or clamp.”;

(b) **by striking out Clause 4.6.8.1 and substituting the following:**

4.6.8.1 A pressure regulator shall be installed

- (a) such that the regulator’s weight is not placed on, or supported by, the attached natural gas fuel lines, and
- (b) in an accessible location.



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