



## Formal Interpretations/ Interprétation formelle

This section lists questions that individuals have submitted about a particular standard. Each question has been reviewed and answered by the appropriate committee. If you would like to submit a question about a particular standard, please see the end notes in the preface of that standard.

*Posted November 24, 2014*

The following interpretation regarding CSA Standard ANSI Z21.89-2013/CSA 1.18-2013, Clause 5.21(c) (iii), *Outdoor Cooking Specialty Gas Appliances*, has been approved by the Gas Appliances and Related Accessories (JB101):

**Question:** Is the gas supply to the appliance burner required to be continuous for the entire 1 hour test period regardless of the capacity of the self-contained system?

**Answer:** Yes

*Posted November 24, 2014*

The following interpretation regarding CSA Standard B167-08, *Overhead travelling cranes - Design, inspection, testing, maintenance, and safe operation*, has been approved by the Technical Committee on Overhead Travelling Cranes:

**Question:** Consider a crane designed and manufactured outside of Canada for which all aspects other than welding would be strictly in accordance with the requirements of B167-08. However, the welds of this crane would not be qualified or inspected per W59 or W47.1 and the welders and facility would not be certified per W59 or W47.1. If a qualified welding engineer certified in accordance with CSA W47.1 were to establish that the welding qualifications and level of quality assurance were equivalent to that obtained by W59 and W47.1 (for example European or US standards), would this crane be considered compliant to B167-08?

**Answer:** Yes

*Posted September 4, 2014*

The following interpretation regarding Clause 14.3.4 of CSA Standard CAN/CSA-Z662-11, *Oil and gas pipeline systems*, has been approved by the Technical Committee on Petroleum & Natural Gas Industry Pipeline Systems and Materials:

**Question 1:** Per Clause 14.3.4.3, is it the intent that only fittings manufactured to ASME B16.9 and ASME B16.11 are permitted as the clause does not list an option for fittings manufactured to other component standards?



**Response:** No

**Question 2:** Per Clause 14.3.4, are fittings manufactured to another standard such as CSA Z245.11, MSS SP-75, or MSS SP-97 permitted provided these are either listed component standards in ASME B31.3 and/or CSA Z662 with listed material properties in ASME B31.3 at the design temperature, or qualified in accordance with Clause 14.3.2.1.

**Response:** Yes

**Question 3a:** In Clause 14.3.4.2, is it intended that only “fittings other than bends” require registration as specified in CSA B51

**Response:** Yes

**Question 3b:** Is it intended that “Flanges”, “Valves”, “Transition Pieces”, and “Bends” do not require such registration since the registration requirement only appears in Clause 14.3.4 and not in any of these other parallel clauses (or as a more general requirement in Clause 14.3.1)?

**Response:** Yes

*Posted September 4, 2014*

The following interpretation regarding CSA Standard N285.0-12, *General requirements for pressure-retaining systems and components in CANDU nuclear power plants*, including Update No 1, Table 1 – Summary of required documentation for registration and inspection, has been approved by the CANDU Nuclear Power Plant Systems and Components (N285A).

**Question:** Is it the intent of CSA N285.0-12 including Update No. 1, Table 1 that design reports need only be certified when required by clause 7.4.2 (b)?

**Answer:** Yes

*Posted June 4, 2014*

The following interpretation regarding CSA Standard C22.1, *Canadian Electrical Code, Part I*, has been approved by the Technical Committee for Canadian Electrical Code, Part I:

**Question:** Rule 4-038(3)(c) talks about colour-coding of conductors in a 3-phase ac circuit. Does the colour-coding for connectors referred to in Rule 66-456(2)(b) have to be identical to (match) the one specified in Rule 4-038(3)(c) for conductors?

**Answer:** No



*Posted June 4, 2014*

The following interpretation regarding CSA Standard CSA B45.5-11/IAPMO Z124-2011, *Plastic Plumbing Fixtures*, has been approved by the Technical Committee on Plumbing Fixtures (B45):

**Question:** Do shelf guard rails have to comply with the load test for grab bars in Clause 5.2.1.1 of CSA B45.5-11/IAPMO Z124-2011?

**Answer:** No

*Posted January 10, 2014*

The following interpretation regarding CSA Standard C22.1, *Canadian Electrical Code, Part I*, has been approved by the Technical Committee for Canadian Electrical Code, Part I (Inside Wiring Rules):

**Question:** Must equipment connected to a Class 2 circuit operating at not more than 42.4 V peak or dc (other than the equipment described in Subrule 16-222(2)) be "approved"?

**Answer:** No

**Question:** Does Subrule 26-402(1) apply to panelboards in other locations than in dwelling units?

**Answer:** Yes

**Question:** Does the code allow connecting a portable generator that has an internal neutral to frame connection to structural wiring loads through a transfer panel that only switches the two ungrounded conductors?

**Answer:** No

**Question:** When calculating the maximum unbalanced load in accordance with Subrule 4-024(2) and Section 8, does the code require that the calculation be based on the largest possible unbalance (all line to neutral loads connected to the same line)?

**Answer:** Yes

**Question:** A feeder calculation is done for a 100m<sup>2</sup> townhouse and is calculated to be 46amps. The minimum feeder permitted is 100 amps. When calculating the service to the complex, is the 100 amp load to be used rather than the calculated 46amps?

**Answer:** Yes