



CSA B108.2:23
National Standard of Canada



Liquefied natural gas refuelling stations installation code



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stations installation code***



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Preface

This is the second edition of CSA B108.2, *Liquefied natural gas refuelling stations installation code*. It supersedes the previous editions published in 2021 and 2018 as Part 2 of CSA B108, *Natural gas refuelling stations installation code*.

CSA B108.1 is applicable to compressed natural gas (CNG) refuelling stations. CSA B108.2 is applicable to liquefied natural gas (LNG) refuelling stations, including LNG to CNG conversion systems. This Code supersedes Annex D of CSA Z276, *Liquefied natural gas (LNG) — Production, storage, and handling*.

The following are the major changes to this edition:

- a) reorganization and revisions of content for consistency of organization between this Code and CSA B108.1;
- b) clarification of definitions and requirements;
- c) clarification of requirements for liquid to compressed natural gas (L/CNG) pumps;
- d) clarification of such terminology as “flammable liquids” and “natural gas in liquid or gaseous form”;
- e) updated language and general requirements for L/CNG stations; and
- f) editorial revisions to
 - i) clarify wording and references, tables, and figures;
 - ii) resolve conflicts identified with other documents;
 - iii) provide consistency and clarification between this Code and CSA B108.1;
 - iv) correct metrication values; and
 - v) harmonize definitions with other industry codes and standards.

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This Code was prepared by the Subcommittee on Natural Gas for Vehicle Refuelling Stations Installation Code, under the jurisdiction of the Technical Committee on Natural Gas Transportation and the Strategic Steering Committee on Transportation, and has been formally approved by the Technical Committee.

This Code has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

Notes:

- 1) *Use of the singular does not exclude the plural (and vice versa) when the sense allows.*
- 2) *Although the intended primary application of this Code is stated in its Scope, it is important to note that it remains the responsibility of the users of the Code to judge its suitability for their particular purpose.*
- 3) *This Code was developed by consensus, which is defined by CSA Policy governing standardization — Code of good practice for standardization as “substantial agreement. Consensus implies much more than a simple majority, but not necessarily unanimity”. It is consistent with this definition that a member may be included in the Technical Committee list and yet not be in full agreement with all clauses of this Code.*
- 4) *To submit a request for interpretation of this Code, please send the following information to inquiries@csagroup.org and include “Request for interpretation” in the subject line:*
 - a) *define the problem, making reference to the specific clause, and, where appropriate, include an illustrative sketch;*
 - b) *provide an explanation of circumstances surrounding the actual field condition; and*