



CSA B108.2:23
National Standard of Canada



Liquefied natural gas refuelling stations installation code



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REVISED APRIL 2024

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Revision History

CSA B108.2:23, Liquefied natural gas refuelling stations installation code

Errata — April 2024	Revision symbol (in margin)
Clauses 7.2 , 11.4 , 13.2.4 , and 13.4.1 Tables 3 , 6 , and 7 Figures 3B , 6A , and 6B	Δ

Standards Update Service

CSA B108.2:23 December 2023

Title: *Liquefied natural gas refuelling stations installation code*

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CSA B108.2:23

***Liquefied natural gas refuelling
stations installation code***



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*Published in December 2023 by CSA Group
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*ICS 75.200
ISBN 978-1-4883-4974-4*

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Contents

Technical Committee on Natural Gas Transportation	7
Subcommittee on Natural Gas for Vehicle Refuelling Stations Installation Code	11
Preface	14
1 Scope	16
1.1 Inclusions	16
1.2 Exclusions	16
1.3 Pressure terminology	16
1.4 Terminology	17
1.5 Units of measurement	17
2 Reference publications	17
3 Definitions	20
4 General requirements	25
4.1 Discrepancy with <i>Canadian Electrical Code, Part I</i>	25
4.2 Refuelling station — Site provisions	25
4.2.1 Site evaluation plan	25
4.2.2 Site investigations	25
4.2.3 Structural integrity	25
4.3 Marking	26
4.4 Component requirements	26
4.5 Component installation	26
4.6 Fill pressures	26
4.7 Component pressure rating	26
4.8 Requirements of the local AHJ	26
4.9 Ignition sources from a vehicle	26
4.10 <i>Reserved — Natural gas specifications</i>	26
4.11 Code and applicable regulations compliance	26
4.12 <i>Reserved — Gas handling equipment</i>	27
4.13 LNG station security and protection requirements	27
4.14 Lighting	27
4.15 Emergency exits	27
4.16 Siting and design considerations	27
4.16.1 Site preparation	27
4.16.2 Siting requirements	27
4.16.3 LNG storage containment restrictions	28
4.16.4 LNG storage tank siting requirements	28
4.16.5 LNG dikes and impounding areas	28
4.16.6 Fixed refuelling station enclosure	28
4.16.7 Flood protection	28
4.16.8 Vaults	29
4.16.9 Boundaries of classified areas	29
4.16.10 Overpressure protection	29

4.17	Provisions for spill containment and leak control	29
4.17.1	Impounding area	29
4.17.2	Containment and leak control design	29
4.17.3	Water control	29
4.17.4	LNG leakage impoundment area holding capacity	30
4.17.5	Grading	30
4.17.6	Enclosed drainage channels	30
4.17.7	Fire prevention	30
4.17.8	Prescriptive and deterministic siting of LNG impounding areas	30
4.17.9	Deterministic siting of LNG impounding areas	31
4.18	Concrete structures	32
4.18.1	Contact with LNG	32
4.18.2	Potential contact with LNG	32
4.19	LNG site warning signs	32
4.19.1	Warnings	32
4.19.2	Colour and height	33
4.20	Existing installations	33
5	LNG station equipment	33
5.1	General	33
5.1.1	Installation requirements	33
5.1.2	LNG pump isolation	34
5.2	LNG equipment depressurization	34
5.3	Pressure relief	34
5.3.1	Pressure relief general requirements	34
5.3.2	Manual depressurization	34
5.3.3	Pressure relief devices for LNG pumps	34
5.4	Refuelling station equipment supports	34
5.5	Remote notification	34
5.6	Pressure indication	35
6	LNG storage tanks and storage facilities	35
6.1	LNG storage tank design	35
6.2	Storage facility inspection and access	35
6.3	Factory inspection and testing requirements	35
6.4	Field inspection and testing requirements	35
6.5	LNG tank repair procedure following testing	36
6.6	Automatic retention valve	36
6.7	Tank CRN	36
7	Vehicle LNG dispensing	36
7.1	Dispensing point	36
7.1.1	LNG dispensing point siting requirements	36
7.1.2	LNG dispensing point controls	36
7.2	Requirements for LNG dispensers relative to walls and buildings	37
7.3	LNG dispenser safety requirements and area classification	37
7.4	LNG dispensing system design requirements	37
7.5	LNG dispensing system activation	37
7.6	LNG dispensing hose assemblies	38

7.6.1	LNG refuelling nozzle requirements	38
7.6.2	LNG refuelling hose and vent hose	38
7.6.3	Breakaway device	38
7.7	LNG dispenser protection	38
7.8	LNG dispenser operation and maintenance	38
8	Measurement and electrical services	39
8.1	General	39
8.1.1	Personnel qualifications	39
8.1.2	Electrical equipment requirements	39
8.2	LNG tank level and pressure measurement	39
8.2.1	LNG tank pressure gauge	39
8.2.2	LNG liquid level indicator and alarm	39
8.2.3	Vacuum jacket pressure reading	39
8.3	Fail-safe shutdown	39
8.3.1	Control systems	39
8.3.2	Backup instruments	40
8.3.3	Unattended LNG refuelling station automatic notification	40
8.4	Classified areas	40
8.5	Electrical seals	40
8.5.1	General requirements for electrical seals	40
8.5.2	Requirements for primary and secondary electrical seals	40
8.5.3	Applicable code	41
8.5.4	Leak detection	41
8.6	Conduit venting	41
8.7	Electrical grounding and bonding	41
8.7.1	General requirement	41
8.7.2	Stray or impressed currents	41
8.8	Lightning protection	41
9	Piping and tubing systems and components	42
9.1	Piping and tubing system requirements	42
9.2	Material requirements	42
9.3	Temperature conditions	42
9.4	General design requirements	42
9.5	Leakage prevention	42
9.6	Unaccepted materials	43
9.7	Bolted connections	43
9.8	Coupling	43
9.8.1	Joining methods	43
9.8.2	Gasket selection	43
9.8.3	Compression coupling requirements	43
9.8.4	Mechanical connectors	43
9.9	Expansion joints	43
9.9.1	Expansion joint requirements	43
9.9.2	Expansion joint design life	43
9.10	Examination and inspection	43
9.10.1	Non-destructive examination	43
9.10.2	Visual inspection	44

9.11	Corrosion protection	44
9.12	Cryogenic pipe-in-pipe systems	44
9.12.1	General requirements for cryogenic pipe-in-pipe systems	44
9.12.2	Inner pipe design requirements	44
9.12.3	Outer pipe design requirements	44
9.12.4	Vacuum jacket	44
9.12.5	Annular space	45
9.13	Seismic design forces	45
9.14	Purge connections	45
9.15	General valving requirements	45
9.15.1	Shut-off valves	45
9.15.2	Extended bonnet valve	45
9.15.3	Blind flanges and plugs	46
9.15.4	Tank connections	46
9.16	Relief valves	46
9.16.1	Pressure-relieving safety devices	46
9.16.2	Thermal expansion relief valve	46
10	Boil-off control and venting	46
10.1	Vent location	46
10.2	Tank boil-off	46
10.3	Boil-off during station operation	46
10.4	Gas regulator shut-off valve	47
10.5	Venting of dispenser hoses	47
10.6	Venting of vehicle tank	47
10.7	Bleed and vent connections	47
10.8	Relief valve venting	47
11	Transfer of LNG	47
11.1	LNG transfer equipment requirements	47
11.1.1	Transfer system valves	47
11.1.2	Transfer pump requirements	48
11.1.3	Transfer hose requirements	48
11.2	Transfer piping and tubing pre-cooling	49
11.3	Transfer area electrical classification	49
11.4	Transfer area setbacks	49
12	Fire protection, safety, and security	50
12.1	Setbacks for sources of ignition	50
12.2	Fire detection equipment function	50
12.3	Fire protection equipment	50
12.4	Fire extinguisher	50
12.5	Reactivation of system following ESD or loss of power	50
12.6	Emergency power	50
12.7	Unattended station emergency shutdown	51
12.8	Power or instrument air failure	51
12.9	Gas detection provisions	51
12.10	Communication of alarm or shutdown condition	51
12.11	ESD signage	51

13 Mobile refuelling units (MRULs) and portable refuelling station units (PRULs) 51

- 13.1 General 51
 - 13.1.1 MRUL and PRUL refuelling scope 51
 - 13.1.2 Units in transit 51
 - 13.1.3 Applicability of this Code to MRUL and PRUL 52
 - 13.1.4 Approvals required for MRUL and PRUL 52
 - 13.1.5 Shut-off valve for MRUL and PRUL requirements 52
 - 13.1.6 ESD system 52
 - 13.1.7 ESD buttons 52
 - 13.1.8 Fire extinguishers 52
 - 13.1.9 MRUL or PRUL vent stack 52
 - 13.1.10 MRUL or PRUL relief device requirements 52
 - 13.1.11 MRUL or PRUL piping and tubing systems 52
 - 13.1.12 MRUL and PRUL vapourizer and pressure building coil requirements 53
 - 13.1.13 MRUL or PRUL electrical requirements 53
 - 13.1.14 MRUL or PRUL grounding 53
 - 13.1.15 MRUL or PRUL hose inspection requirements 53
- 13.2 MRUL and PRUL site requirements 53
 - 13.2.1 MRUL and PRUL site protection 53
 - 13.2.2 MRUL or PRUL siting 53
 - 13.2.3 MRUL or PRUL spill containment 54
 - 13.2.4 MRUL or PRUL building setbacks 54
 - 13.2.5 MRUL or PRUL railroad setbacks 54
 - 13.2.6 MRUL or PRUL property line setbacks 54
 - 13.2.7 MRUL or PRUL movement prevention 54
 - 13.2.8 MRUL or PRUL fixed LNG dispenser connections 54
 - 13.2.9 MRUL or PRUL lighting 54
 - 13.2.10 MRUL or PRUL emergency response plan (ERP) 55
- 13.3 Signage for vehicle refuelling from MRUL and PRUL requirements 55
- 13.4 LNG fuel transfer 55
 - 13.4.1 Transfer from bulk container to MRUL or PRUL 55
 - 13.4.2 Transfer between PRUL and MRUL 55

14 Vehicle defuelling 55

- 14.1 Vehicle defuelling procedure 55
- 14.2 Defuelling point at a refuelling LNG station 55
- 14.3 Defuelling instructions 55

15 L/CNG stations 56

- 15.1 General requirements for L/CNG stations 56
- 15.2 Siting of equipment 56
 - 15.2.1 LNG impounding area restrictions 56
 - 15.2.2 Equipment protection 56
 - 15.2.3 Vapourizers 56
 - 15.2.4 LNG pumps 57
 - 15.2.5 L/CNG equipment electrical classification 57
- 15.3 L/CNG pumps 57
 - 15.3.1 L/CNG pump code requirement 57
 - 15.3.2 L/CNG pump vibration 57

15.3.3	L/CNG pump pulsation	57
15.3.4	L/CNG pump discharge pressure protection	57
15.3.5	L/CNG pump pre-cooling	57
15.3.6	L/CNG pump ESD integration	58
15.3.7	L/CNG pump isolation valves	58
15.3.8	L/CNG pump check valves	58
15.3.9	L/CNG pump pressure relief device	58
15.4	Vapourizers	58
15.4.1	L/CNG vapourizer risk assessment	58
15.4.2	L/CNG vapourizer isolation valves	58
15.4.3	L/CNG vapourizer low temperature shut-off provisions	58
15.4.4	Enclosed L/CNG vapourizer combustion air intake	58
15.4.5	Siting of non-L/CNG vapourizers	58
15.4.6	L/CNG vapourizer foundations and piping connections	59
15.4.7	Code requirement for installation of internal combustion engines and turbines	59
15.5	Emergency shutdown provisions	59
15.5.1	L/CNG station isolation valves	59
15.5.2	Integration of L/CNG ESD with CNG ESD system	59
15.5.3	L/CNG ESD reset	59

Annex A (normative)	— Operation, maintenance, and personnel training	75
Annex B — Reserved	—	81
Annex C — Reserved	—	82
Annex D — Reserved	— Additional information	83
Annex E (informative)	— Remote operation of LNG tank product retention valves	84
Annex F (informative)	— Guidelines for process safety management of liquefied natural gas refuelling stations and installation	85

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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.

CSA Group acknowledges that the development of this Standard was made possible, in part, by the financial support of Natural Resources Canada.

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*