



Transportation of Dangerous Goods Directorate  
L'Esplanade Laurier  
300 Laurier Avenue West  
Ottawa, Ontario  
K1A 0N5

Direction générale du transport des marchandises dangereuses  
L'Esplanade Laurier  
300, avenue Laurier Ouest  
Ottawa (Ontario)  
K1A 0N5



## Equivalency Certificate (Approval issued by the competent authority of Canada)

**Certificate No.:** SU 11577 (Ren. 7)

**Certificate Type:** N/A

**Certificate Holder:** Canadian Propane Association

**Mode of Transport:** Road, Marine

**Effective Date:** December 18, 2019

**Expiry Date:** March 31, 2025

### LEGEND

For the purposes of this equivalency certificate, documents referred to by an abbreviation have the following meaning:

***TDG Act:*** *Transportation of Dangerous Goods Act, 1992*

***TDG Regulations:*** *Transportation of Dangerous Goods Regulations*

***CSA B51:*** *CSA Standard B51, "Boiler, pressure vessel, and pressure piping code", published by the Canadian Standards Association (CSA), as amended from time to time*

***CSA B622:*** *CSA Standard B622, "Selection and use of highway tanks, TC portable tanks, and ton containers for the transportation of dangerous goods, Class 2", published by the Canadian Standards Association (CSA), as amended from time to time*

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**NOTES**

**Note 1:** Subsection 31(4) of the *TDG Act* stipulates that any non-compliance with the conditions of this equivalency certificate causes the provisions of the *TDG Act* and *TDG Regulations* to apply as though this equivalency certificate did not exist.

**Note 2:** This equivalency certificate provides no regulatory relief other than specifically stated herein. Therefore, all other requirements of the *TDG Act* and the *TDG Regulations* apply.

**CONDITIONS**

This equivalency certificate authorizes the members of the Canadian Propane Association to handle, offer for transport or transport, and authorizes any person to handle or transport on behalf of the members of the Canadian Propane Association, by road vehicle or by vessel on a domestic voyage, dangerous goods that are:

- UN1075, LIQUEFIED PETROLEUM GASES or PETROLEUM GASES, LIQUEFIED, Class 2.1, or
- UN1978, PROPANE, Class 2.1,

in a manner that does not comply with the following requirements:

- section 4.15 of the *TDG Regulations*,
- section 4.15.2 of the *TDG Regulations*,
- section 4.15.3 of the *TDG Regulations*,
- subparagraph 5.10(1)(a)(iv) of the *TDG Regulations*, and
- Specific Requirement 24 of Clause 6.3 of *CSA B622*,

if the following conditions are met:

- (a) The storage tank must be constructed in accordance with *CSA B51*;
- (b) The storage tank may contain more liquefied gas than 5% of its volumetric capacity but must not contain more than the maximum permitted filling ratio;
- (c) The storage tank is not permanently mounted on a truck chassis or trailer, is not intended for the transportation of dangerous goods, and the presence of dangerous goods is due only to the use of the storage tank for the processing, storage or use of the dangerous goods at fixed locations;
- (d) The storage tank, which was intended for permanent installation on consumer premises, must be transported one-way only from the consumer's premises to the storage tank owner's nearest facility using the shortest most practical route and Transportation of Dangerous Goods routes, where applicable. The storage tank is transported for servicing in accordance with *CSA B51*;

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- (e) The capacity of the storage tank must be less than or equal to 1 894 L (500 USWG);
- (f) The total capacity of all the storage tanks transported on the means of transport under the conditions of this equivalency certificate must not exceed 1 894 L (500 USWG);
- (g) The means of transport used to transport the storage tank must by design be capable of carrying the storage tank and its contents;
- (h) Prior to being loaded on the means of transport, the storage tank must be visually inspected by a trained and qualified person for leaks, corroded or abraded areas, dents, distortions, weld defects, or any other condition that may render the storage tank unsafe for transportation. A record of the inspection must be legibly signed and dated by the person performing the inspection and retained by the storage tank owner for two years. The signature on the inspection record represents a certification that the storage tank has been inspected and has no defects that would render it unsafe for transportation under the *TDG Regulations*. The record of inspection must include:
  - (i) the date of the inspection,
  - (ii) the inspector's contact information (such as a telephone number),
  - (iii) the storage tank's serial number,
  - (iv) the storage tank size (water capacity),
  - (v) the estimated quantity of dangerous goods,
  - (vi) the origin and destination of shipment,
  - (vii) the description of the servicing required under *CSA B51*;
- (i) The record of inspection must accompany the storage tank and must be provided to a law enforcement officer immediately on request;
- (j) A storage tank that is damaged or leaking must not be transported under this equivalency certificate;
- (k) Prior to being loaded on the means of transport, all regulators, hoses, pigtails, etc. that protrude from under the storage tank's protective dome must be removed and the dome cover must be secured in the closed position with a bolt or wire;
- (l) All valve openings on the storage tank, except relief valves, must be securely closed;
- (m) The lifting lugs on a storage tank must not be used as a means of lifting a storage tank containing liquefied gas in excess of 5% of its capacity, storage tanks must be lifted by the use of properly placed straps around the storage tank shell;

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- (n) The storage tank must be loaded and secured in an upright position on the means of transport and in such a way as to prevent, under normal conditions of transport, damage to the storage tank or to the means of transport that could lead to an accidental release of the dangerous goods. The storage tank must be placed on the means of transport in a manner, such as in a cradle, which ensures that no weight is placed on the supporting legs during transportation;
- (o) A storage tank, with a capacity less than or equal to 466 L (123 USWG), must have displayed on it the dangerous goods safety marks required in sections 4.10, 4.11, and 4.12 of the *TDG Regulations*;
- (p) A storage tank, with a capacity greater than 466 L (123 USWG), must have displayed, on each long side of the storage tank, a placard and UN number meeting the requirements set out in Part 4 (Dangerous Goods Safety Marks) of the *TDG Regulations*;
- (q) Despite sections 4.15.4 and 4.16.1 of the *TDG Regulations*, the road vehicle used to transport the storage tank must have placards displayed on it in accordance with the requirements of Part 4 (Dangerous Goods Safety Marks) of the *TDG Regulations*;
- (r) In addition to the requirements of Part 6 (Training) of the *TDG Regulations*, the members of the Canadian Propane Association and any person using this equivalency certificate on behalf the members of the Canadian Propane Association ensure that the personnel handling, offering for transport or transporting the dangerous goods are trained in regards to the conditions of this equivalency certificate;
- (s) The Canadian Propane Association must ensure that a paper or electronic copy of this equivalency certificate is provided to all its members;
- (t) A current proof of membership with the Canadian Propane Association must be readily available upon request;
- (u) The shipping document that accompanies the dangerous goods must include the following information legibly and indelibly printed:
  - (i) **“Equivalency Certificate SU 11577 (Ren. 7)”**, or
  - (ii) **“Certificat d’équivalence SU 11577 (Ren. 7)”**; and
- (v) A paper or electronic copy of this equivalency certificate accompanies the dangerous goods during transport and must be provided to an inspector immediately upon request.

Signature of Issuing Authority



David Lamarche, P. Eng., ing.  
Chief, Approvals and Special Regulatory Projects  
**Contact Person:** Rebecca Keeler

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*(The following Explanatory Note is for information purposes only and is not part of this certificate.)*

**Explanatory Note**

This equivalency certificate authorizes the one-way transportation, by road vehicle or by ship on a domestic voyage, of storage tanks that do not comply with Part 5 (Means of Containment) of the *TDG Regulations* and that cannot be safely emptied at the customer location. Tanks containing more than 5% capacity of UN1075, LIQUEFIED PETROLEUM GASES or PETROLEUM GASES, LIQUEFIED, Class 2.1, or UN1978, PROPANE, Class 2.1, can be transported to the nearest propane facility for servicing in accordance with *CSA B51*.

The current list of the members of the Canadian Propane Association is available at the following website:

<https://propane.ca/member-map/>

**Legend for Certificate Number**

SH - Road, SR - Rail, SA - Air, SM - Marine  
SU - More than one Mode of Transport  
Ren. - Renewal