



Transportation of Dangerous Goods Directorate
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Ottawa, Ontario
K1A 0N8

Direction générale du Transport des marchandises dangereuses
Tour C, Place de Ville
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330, rue Sparks
Ottawa (Ontario)
K1A 0N8



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

Certificate No.: SH 12501 (Ren. 3)

Certificate Holder: Fertilizer Canada

Mode of Transport: Road

Effective Date: November 28, 2019

Expiry Date: July 31, 2020

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 B620: CSA Standard B620, “*Highway tanks and TC portable tanks for the transportation of dangerous goods*”, 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

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 Act and 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 following persons:

- the members of Fertilizer Canada and their clients,
- any person using a Fertilizer Canada member-owned tank or a Fertilizer Canada member-leased tank, or
- any person on behalf of the members of Fertilizer Canada,

to handle, offer for transport or transport, by road vehicle, dangerous goods that are UN1005, AMMONIA, ANHYDROUS, Class 2.3(8), in means of containment that do not comply with:

- subparagraph 5.10(1)(a)(iv) of the *TDG Regulations*,

if the following conditions are met:

1) General

- a) Fertilizer Canada ensures that a paper or electronic copy of this Equivalency Certificate is provided to all its members;
- b) 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.

2) Means of Containment

- a) the means of containment is either a highway tank, commonly referred to by Fertilizer Canada as a Field Delivery Unit or TDU (Transport Delivery Unit), or a portable tank, commonly known as a nurse tank or applicator tank, operated exclusively for agricultural purposes;
- b) the tank is selected and used in accordance with CSA Standard B622-14, "*Selection and use of highway tanks, TC portable tanks, and ton containers for the transportation of dangerous goods, Class 2*", January 2014, published by the Canadian Standards Association (CSA), cited in the rest of this certificate as CSA Standard B622-14;

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- c) despite Specific Requirements 54 and 55 of Clause 6.3 of CSA Standard B622-14 and Note (10) of Table 7.1 of CSA Standard B620-14, "*Highway tanks and TC portable tanks for the transportation of dangerous goods*", January 2014, published by the Canadian Standards Association (CSA), the tank may undergo an external visual inspection annually and a pressure test every five (5) years, if:
- i) the tank has been postweld heat treated and has a maximum allowable working pressure (MAWP) of 1830 kPa (265 psi), or
 - ii) the tank has been postweld heat treated and has a maximum allowable working pressure (MAWP) of 1725 kPa (250 psi), and it can be demonstrated that the tank has been designed for anhydrous ammonia (NH₃) use.

3) Training

- a) In addition to the requirements of Part 6 (Training) of the *Transportation of Dangerous Goods Regulations*, the members of Fertilizer Canada ensure that the personnel handling, offering for transport or transporting the dangerous goods are trained in regards to the conditions of this Equivalency Certificate.

Signature of Issuing Authority

David Lamarche, P. Eng., ing.

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Chief, Approvals and Special Regulatory Projects Division

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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 members of Fertilizer Canada and their clients to pressure test their nurse tanks or applicator tanks every 5 years instead of every 3 years as prescribed in CSA Standard B622-14 and CSA Standard B620-14, if the tank meets the following conditions:

- (i) the tank has been postweld heat treated and has a maximum allowable working pressure (MAWP) of 1830 kPa (265 psi), or
- (ii) the tank has been postweld heat treated and has a maximum allowable working pressure (MAWP) of 1725 kPa (250 psi), and it can be demonstrated that the tank has been designed for anhydrous ammonia (NH₃) use.

Proof of eligibility can be demonstrated through the tank's data report (U1A form), stamp of "NH₃" or "Ammonia", or other clear indicator of agricultural use on the original nameplate or a statement from the manufacturer. Postweld heat treatment can be demonstrated through an "HT" stamp on the original nameplate or the U1A form. Demonstration of the frequency interval should be done at the time of testing or inspection. Evidence of compliance with these provisions must be made available to Transport Canada inspectors upon request.

The term "client" means a person, who is not a member of Fertilizer Canada, but engages the services of a Fertilizer Canada member. For example, a farmer, who is not a Fertilizer Canada member, has his or her tank filled by a member of Fertilizer Canada.

A list of the members of Fertilizer Canada is available via the following link
<https://fertilizercanada.ca/about-fertilizer-canada/membership/member-directory/>.

A list of the members and subsidiary members of Fertilizer Canada is also kept on file with the Executive Director, Regulatory Frameworks and International Engagement, Regulatory Affairs Branch, Transportation of Dangerous Goods Directorate, Transport Canada.

Legend for Certificate Number

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