



Transportation of Dangerous
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TRANSPORT CANADA

TEMPORARY CERTIFICATE PURSUANT TO SUBSECTION 31(2.1) OF THE *TRANSPORTATION OF DANGEROUS GOODS ACT, 1992*

Certificate Number: TU 0807 (Ren. 1)

Canadian Propane Association
410 Laurier Avenue West, Unit 406
Ottawa ON K1R 1B7

Pursuant to subsection 31(2.1) of the *TDG Act*, the Minister may, in the public interest, issue a temporary certificate authorizing any activity to be carried on in a manner that does not comply with the *TDG Act*.

Many Canadian residential homes, businesses, and farms use propane as a source of fuel for heating, cooking appliances, and to operate certain types of machinery. A number of these locations use a TC 4BWM16 specification cylinder with a 450 L capacity, which must be serviced every 10 years by replacing the pressure relief device (PRD) on the cylinder. A PRD is a device installed on cylinders to prevent overpressurization by allowing gas to vent to relieve pressure.

When a propane cylinder with an expired PRD is emptied, the cylinder is normally replaced with another cylinder that has a valid PRD. Once the PRD is replaced, the cylinder can be sent back to a customer and continue to be refilled and used. When a cylinder with a new PRD is installed, a propane technician must enter the home or business to shut down and then relight appliances. This poses a risk for both the home or business owner and the technician due to the potential exposure to COVID-19.

Following the previous provincial and territorial restrictions due to COVID-19 and consumer concern regarding the in-house work required to shut down and relight appliances, the propane industry is experiencing a backlog with servicing some of the TC 4BWM16 specification cylinders with a 450 L capacity. This is a temporary measure meant to help the propane industry work through the backlog and when it is feasible to do so the cylinder is inspected and tested at the first available opportunity.

To respond to this unprecedented situation, the Minister hereby authorizes the filling of TC 4BWM16 specification cylinders with a 450 L capacity and expired PRD by issuing a temporary certificate under subsection 31(2.1) of the *TDG Act*. This certificate takes into account the need to ensure the safe transportation of dangerous goods while providing the propane delivery industry with needed relief from certain requirements of the *TDG Regulations*.

In my opinion, the issuance of a temporary certificate is in the public interest and I hereby authorize the **members of the Canadian Propane Association** to handle dangerous goods that are:

UN Number	Shipping Name and Description	Class	Packing Group
UN1075	LIQUEFIED PETROLEUM GASES; or PETROLEUM GASES, LIQUEFIED	2.1	N/A
UN1978	PROPANE	2.1	N/A

in a manner that does not comply with:

- subsection 5.10(1) of the *TDG Regulations*, but only as it relates to:
 - Clause 5.1.4 of *CSA B340*,
 - Clause 24.2.1.9.1 of *CSA B339*, and
 - Section 9.1.1 of *CGA S-1.1*.

This temporary certificate is subject to the following terms and conditions:

- a) The dangerous goods are contained in a TC 4BWM16 specification cylinder with a capacity of 450 L;
- b) The pressure relief device (PRD) was last serviced no more than 12 years ago;
- c) The cylinders are not intended for immediate transport and are installed next to homes, businesses, or farms for the purposes of supplying fuel for heating, cooking appliances, and machinery;
- d) Before filling, the cylinder is visually inspected by a person with the necessary competencies to detect the presence of conditions that may render the cylinder unsafe for use (for example: conditions such as leaks, corroded or abraded areas, dents, distortions, weld defects). If any condition renders the cylinder unsafe for use, it shall not be filled;
- e) The cylinder is not subject to any notice of defective construction or recall, or any notice of defective repair or defective testing, as per Section 9 of the *TDG Act*;
- f) The cylinder is inspected and tested at the first available opportunity;
- g) The Canadian Propane Association ensures that a paper or electronic copy of this temporary certificate is provided to all members of the Canadian Propane Association;

- h) Anyone using this temporary certificate must be an active member of the Canadian Propane Association and must be listed on the Canadian Propane Association website (e.g. <https://propane.ca/member-map/>);
- i) The members of the Canadian Propane Association ensure that the personnel handling the dangerous goods are trained in regards to the conditions of this equivalency certificate.

The following definitions apply in this temporary certificate:

- **TDG Act:** *Transportation of Dangerous Goods Act, 1992*
- **TDG Regulations:** *Transportation of Dangerous Goods Regulations*
- **“CSA B339”** means CSA Standard B339, *“Cylinders, spheres, and tubes for the transportation of dangerous goods”*, published by the Canadian Standards Association (CSA), as amended from time to time
- **“CSA B340”** means CSA Standard B340, *“Selection and use of cylinders, spheres, tubes, and other containers for the transportation of dangerous goods, Class 2”*, published by the Canadian Standards Association (CSA), as amended from time to time.
- **“CGA S-1.1”:** CGA Standard S-1.1, *« Pressure Relief Device Standards - Part 1 - Cylinders for Compressed Gases »*, published by the Compressed Gas Association Inc. (CGA), as amended from time to time.
- Unless the context requires otherwise, words and expressions used in this certificate have the same meaning as in section 1.4 of the *TDG Regulations*.

For greater certainty, this temporary certificate provides no regulatory relief other than specifically stated herein. Therefore, all other requirements of the *TDG Act* and the *TDG Regulations* apply.

This temporary certificate takes effect on August 09, 2021. It remains in effect until the earliest of:

- September 30, 2022, or
- the day it is cancelled in writing by the Minister of Transport.

Signature of Issuing Authority

Marcia George
Executive Director,
Regulatory Frameworks and International Engagement,
Regulatory Affairs Branch

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