

Fuel Safety Bulletin

2012-01

Dated: March 2, 2012

Subject: Propane Bulk and Cylinder delivery driver responsibilities

Recently, we have received some questions regarding the responsibilities of both bulk and cylinder delivery drivers. It would appear that there are many rumors in the field as well as a basic difference of opinion between the certified drivers and their office staff. The CSA B149.2 code is quite specific about driver responsibility in many areas. While I hate to simply quote code clauses, I feel that they are very clear as to the responsibilities of the drivers. Here are some applicable code clauses.

Bulk Delivery Drivers

5.2.1 Propane shall only be transferred from one **container** to another by a person who is the holder of a certificate recognized by the **authority having jurisdiction**.

5.2.2 While propane is being transferred from one **container** to another, the person transferring shall remain at the **container** being filled.

5.2.6 The person filling any **container** shall be responsible for ensuring that the maximum permitted **filling density** is not exceeded.

5.2.7 A **container** shall not be filled or **gauged**

- (a) inside a **building**, other than a **building** designed for such purpose;
- (b) in a location that is not well ventilated;
- (c) within 10 ft (3 m) measured horizontally from the air intake of any **appliance** or air-moving **equipment**; or
- (d) within 10 ft (3 m) measured horizontally from any source of **ignition**.

6.1.5 Requalification and re-marking of refillable **cylinders** shall be done by qualified persons at locations registered with Transport Canada. When the method of requalification chosen by the owner of the **cylinder** is the visual inspection and requalification method, it shall be done at ten-year intervals, starting with the date of manufacture, and shall be in accordance with the procedure described in CGA C-6 for steel **cylinders**, or the procedure described in CGA C-6.3 for aluminum **cylinders**. Re-marking requirements stamped on the **cylinder** shall meet the requirements of Clause 24.6 of CSA B339 and the Transportation of Dangerous Goods Regulations of Transport Canada.

6.4.4 A **cylinder** that is damaged, leaking, or corroded beyond TC limits, **or is due for a prescribed re-examination, shall not be filled but shall be removed from service**.

As you can see from Clause 6.4.4, outdated cylinders must **not** be filled.

Cylinder Delivery Drivers

5.3.2 When **containers** are installed or stored in locations that do not afford protection from damage from motor vehicles on any street, highway, avenue, alley, or parking lot, they shall be protected by posts or guardrails in compliance with [Clause 7.19.4](#) unless otherwise **approved** by the **authority having jurisdiction**.

6.5.1.2 Except as permitted in this Code, a **cylinder** that contains propane liquid or vapour shall not be stored or used inside any **structure**.

6.5.1.3 Propane **cylinders** shall not be stored or installed under any fire escape, stairway, or ramp used as a means of egress from a **building**.

6.5.1.5 Any **cylinder** in storage shall not be exposed to temperatures in excess of 125°F (50 °C), an open flame, or other source of **ignition**, and shall be protected from tampering or damage by fencing or equivalent means.

6.5.1.9 An outdoor **cylinder** storage area, special **cylinder** storage room, or a **cylinder** storage **building** described in [Clause 6](#) shall be located in accordance with [Table 6.3](#) with respect to

- (a) the nearest **building** or group of **buildings**;
- (b) the line of adjoining property that may be built upon;
- (c) public thoroughfares or sidewalks; and
- (d) the line of adjoining property occupied by schools, churches, hospitals, athletic fields, or other points of public gathering.

6.5.1.11 Subject to [Clause 6.5.8](#), propane **cylinders** in storage shall be separated from other compressed gases and flammable and **combustible liquids** in accordance with the following:

- (a) They shall be at least 3 ft (1 m) from other flammable compressed gas **containers**.
- (b) They shall be at least 20 ft (6 m) from **containers** or dispensers for flammable and **combustible liquids**, or oxidizing, corrosive, or toxic gases.

6.5.2.1 Except as permitted in [Clauses 6.5.2.5](#), [6.5.3.2](#), [6.5.4.2](#), and [6.5.5.2](#), **cylinders** shall be fenced in accordance with [Clause 6.5.2.2](#) or [6.5.2.3](#) or shall be enclosed in a storage cabinet in accordance with [Clause 6.5.2.4](#).

And, at Construction sites;

6.5.3.2 **Cylinders** shall

- (a) be stored in an area that provides protection from tampering;
- (b) be stored in an area free from vehicular or mobile equipment travel, or protected by barriers or the equivalent;
- (c) be placed such that the relief valve on any cylinder is not less than 3 ft (1 m) horizontally from any building opening that is below the level of the relief valve discharge;
- (d) be placed such that the relief valve discharge is not less than 10 ft (3 m) on the horizontal plane from the air intake of any appliance or air-moving equipment;
- (e) be stored in an area where “NO SMOKING” signs are prominently displayed. These signs shall be in accordance with [Clause 7.12.3](#);
- (f) be a distance of 25 ft (7.5 m) from any other **building**, property line, or point of assembly; and
- (g) not store more than 1000 lb (450 kg) of propane in total.

For any questions regarding this Bulletin, please contact me at our Halifax offices.

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