

**SASKPOWER
GAS INSPECTION
DIVISION**

CSA 149.2-05

**PROPANE STORAGE
AND
HANDLING CODES
OF
PRACTICE
FOR
SASKATCHEWAN**

5.3.2 Protection of Container and Equipment

When *containers* are installed 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*.

All storage cages/cabinets are to be protected from vehicle traffic as follows:

- Cages/cabinets may be protected by location when placed on a raised 6 inch (150 mm) minimum concrete pad at least 8' (2.44 m) from a driving lane; or
- Provide protection as specified in Appendix E or as described in 6.19.4.1.

6.5.3 Cylinders and Tanks at Construction Sites

Propane Warning Decals for All Containers 420 lbs. and Over Used on Consumer Residential, Commercial, Industrial and Temporary Construction Heating

All mobile container and permanent container installations supplying propane to temporary and grain dryer installations shall have an affixed safety warning decal 15" x 12" with ½" letters on each container set on consumer property.

The decal shall be white with red lettering and contain a warning with the following words:

<p style="text-align: center;">Caution Propane</p> <p>Before opening the fuel valve on a propane container, ensure that all outlets are leak free.</p> <p>A container located on consumer property, not connected to piping or hose shall have all container service valves plugged.</p> <p>Accumulation of propane gas can be dangerous. Propane is heavier than air and leakage tends to settle in the lowest place.</p>
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7.10.3 Location of Storage Tanks

Where end failure of horizontal storage tanks may endanger institutional or assembly building, the tanks shall be placed with the longitudinal axis parallel to such property.

The minimum separation between a flammable liquid or combustible liquid storage tank shall be 20-ft (6 m).

7.10.4 Propane Motor Fuel Dispensers and Storage Tanks Located on Property Occupied by Schools

1. Storage Tank Location

- (a) Minimum distance between filling plant tanks and educational facilities other than service buildings shall be 100 feet (30 m)
- (b) Ends of storage tanks shall not face educational buildings
- (c) Vehicles being filled are to be parked at right angles to storage tank(s)

7.12 Filling Plants and Refill Centers

The installation of all new and relocated propane filling (dispensing plants) shall not proceed until site plans (5 copies) are submitted to this office and approved. This office may pursue approval of the Fire Commissioner's Office.

All Installations are to be reported on a gas permit.

A filling plant where propane is not for resale (for owner use only) with storage capacity not exceeding 4,000 USWG (15140 L) requires a permit and installation fee.