

### PROPANE CYLINDER FILLING REQUIREMENTS

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**Topic**

Authorized propane refueling centers are reminded of the following CSA B149.2 code requirements when filling or refilling approved propane cylinders.

**Important Information**

An approved propane cylinder shall be filled by the following methods in accordance with CSA B149.2 6.4.2:

- (a) Weight - a maximum water weight capacity of 42%. This is based on an approximate 0.51 relative density for propane.
- (b) Volume - a maximum 80% of volume capacity when the cylinder is equipped with a fixed-liquid-level gauge designed for the cylinder. This is based on an approximate 0.51 relative density for propane.

Do not use a float gauge (OPD style cylinder) or a dispensing meter to determine maximum cylinder filling density.

Do not refill a cylinder meeting TC Specification 39M, 2P, or 2Q and known as a "single-use" or "non-refillable" cylinder.

Individuals who transfer propane must have a certificate of qualification resulting from the successful completion of a training course recognized and approved by a provincial safety manager. Refer to Directive: D-GA-2017-01 for a list of recognized courses.

If an authorized propane refueling center is found in contravention of safe filling practices they may be subject to suspension or cancelation of their operating permit.

A handwritten signature in black ink, appearing to read "Brad Wyatt".

Brad Wyatt  
Provincial Safety Manager - Gas

**References:**

*Safety Standards Act*

Gas Safety Regulation

CSA B149.2 - Propane storage and handling code

For more information about British Columbia Safety Authority, please visit our website at:

[www.safetyauthority.ca](http://www.safetyauthority.ca)