

Safety | Tips Non-Refillable Propane Cylinders

Use of adaptors to refill (non-refillable) Propane Cylinders

Adaptors designed to transfer propane from a BBQ-type cylinder to a non-refillable cylinder are being offered to the public via online retailers and are further promoted on YouTube (**demonstrating a very dangerous practice**). Refilling single trip cylinders is prohibited by Alberta laws and this practice may result in cylinders that are overfilled and thus have a potential to cause serious fires, explosions and burn hazards to end users. In addition, the adaptors offered for sale are not approved and may cause additional hazards.

While Alberta Safety Services and other regulatory authorities seek to stop the illegal sale of refill adapters in Alberta, the public is warned that the practice of refilling Specification 39 Cylinders (typically one-pound campstove propane bottles) is illegal and poses potential risks of fire and explosion.

Clause 6.4.2 of the CSA B149.2-15 Propane Storage and Handling Code, adopted as part of Alberta's Gas Code Regulation 111/2010 (Propane Storage and Handling), requires that cylinders shall be filled by weight or volume and specifies the maximum values permitted. Further, clause 6.4.5 states that cylinders manufactured to Specification TC-39 M and aerosol containers **shall not be refilled**.

The Alberta Gas Code Regulation 111/2010

No person shall manufacture, install, sell or offer for sale any equipment related to gas systems for use in Alberta unless the equipment has been

- (a) tested and certified by a certification body accredited by the Standards Council of Canada, or*
- (b) inspected and accepted by a certification body or an inspection body accredited by the Standards Council of Canada, and the equipment bears evidence of having been accepted in the manner authorized by the certification body or inspection body.*

List of Known Manufacturers/Distributors of Adaptors for Non-Refillable Propane Cylinders

- **Mr. Heater:** <http://www.mrheater.com/propane-tank-refill-adapter-1385.html>
- **Air Soft Canada:** <https://www.buyairsoft.ca/ai-gungas-propane-adaptor-kit.html>
- **KM North America (MacCoupler):** <http://maccoupler.com>

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For more information, please call Municipal Affairs, Safety Services at 1-866-421-6929 or visit www.municipalaffairs.alberta.ca