

FUELS SAFETY DIVISION

September 11, 2000
PR 00/1

ADVISORY

ENERGY ACT ONTARIO PROPANE CODE

NON-REFILLABLE PROPANE CYLINDERS IN VANS OR OTHER SERVICE VEHICLES

The Fuels Safety Division of Technical Standards and Safety Authority (TSSA) is the administrative authority for the Ontario Propane Code, Ontario Regulation 514/96.

TSSA is aware that utilities and contractors performing services in piping, cable and similar systems use portable torches connected to non-refillable propane cylinders.

In order to facilitate industry needs for safe use of these cylinders, the handling and storage of these cylinders within a vehicle shall be allowed in accordance with the following conditions:

- (1) Fuel cylinders shall be of the "ONE -TRIP" non-refillable type and one (l) pound capacity.
- (2) Two (2) cylinders or less may be stored inside a vehicle.
- (3) The appliance shall be connected to the cylinder outdoors. The appliance shall be disconnected outdoors prior to returning the cylinder to storage in the vehicle.
- (4) Cylinders shall be stored upright in a storage rack such that the pressure relief valve is in contact with the vapour phase. The storage rack shall be designed to maintain the cylinders in the upright position for any traffic conditions.
- (5) A portable fire extinguisher, classified not less than 10 B,C, shall be located in each vehicle where cylinders are stored.
- (6) After disconnecting the appliance from the cylinder, the cylinder valve shall be tested for leaks with a leak detection solution or other leak detection method before the cylinder is stored in the vehicle. A source of ignition shall not be used to check for leaks.

cc: Propane Gas Council
OPA
PGAC
TAC-Propane
MTO – Carrier Safety and Enforcement Branch
bcc: Engineering and Inspection Staff

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