



# ONTARIO FIRE DEPARTMENT FIRE PROTECTION STANDARD

**L P CYLINDER EXCHANGE INSTALLATION**  
STANDARD #E-002      EFFECTIVE 10-13-98      PAGES 1

## **PURPOSE:**

To provide a standard consistent with good fire safety practices for various service stations and other retail stores which will store portable LPG cylinders outside awaiting exchange or resale.

## **SCOPE:**

Where the aggregate capacity is less than 125 gallons, no fire code permit(s) shall be required. Although there is no requirement for separation distances to buildings, sidewalks or property lines where the aggregate capacity is less than 500 gallons, a site plan showing the distance from exit(s) shall be provided. Adequate anchors shall also be provided to ensure racks upon which LPG cylinders are stored will not move and block exits.

## **AUTHORITY:**

The 2001 California Fire Code Article 82 – Liquefied Petroleum Gases, Section 8212 – Storage of Portable Containers Awaiting Use or Resale.

## **ADDITIONAL CODE CONSIDERATIONS:**

- A. Portable fire extinguishers, per UFC Standard 82-1 and 10-1, shall not be located near an exit.
- B. Installation of protective bollards in areas subject to vehicular damage
- C. Proper classification of electrical wiring and devices located within the Class I, Division 2 area surrounding the storage rack
- D. Adequate ventilation where cylinders are exposed to direct sunlight
- E. “No Smoking Flammable Gas” sign/label
- F. NFPA 704 placard
- G. Under no circumstances will cylinder be filled or emptied at the site unless in compliance with 2001 California Fire Code Article 82.