



**Colorado Springs Fire Department  
LPG CAGE  
PERMIT APPLICATION  
CONTRACTOR PERMIT APPLICATION**



**SITE/OWNER INFORMATION**

Site/Business Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Site/Business Address: \_\_\_\_\_ Email: \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_ Fax Number: \_\_\_\_\_  
 Owner/Responsible Party: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Owner Address (if different): \_\_\_\_\_ City, State, Zip: \_\_\_\_\_

**APPLICANT-CONTRACTOR INFORMATION**

Applicant Business Name: \_\_\_\_\_ Contact: \_\_\_\_\_  
 Business Address: \_\_\_\_\_ City, State, Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

REFERENCE LP-GAS CONVERSIONS

Permit application requires LP-Gas amounts reported in: number of containers, pounds per container and water capacity in gallons per container, and total aggregate water capacity in gallons. Greater than 125 gallons requires permit.

Number of Displays	Size of Displays	Size of Cylinders	Total LPG (Gallons W.C.)	Location on Property	Permit Numbers

Inspector's Signature: \_\_\_\_\_ Date Inspected: \_\_\_\_\_

**DOT CYLINDER CONVERSION**

TYPE	POUNDS (Propane Capacity)	GALLONS (Propane Capacity)	POUNDS (Water Capacity)	GALLONS (Water Capacity)
Stationary	420	99	1000	119
Stationary	300	71	715	86
Stationary	200	47	477	57
Stationary	150	35	357	43
Exchange	100	24	239	29
Exchange	60	14	144	17
Motor Fuel	33.5	8	88	9.6
Portable	40	9.5	95	11
Portable	20	4.7	48	5.7
Portable	5	1.2	12	1.4

(source: NFPA 58, Table 5.1)

Based on 80% fill limit

**For Office Use Only**

Date: \_\_\_\_\_ Account Code \_\_\_\_\_ Permit \_\_\_\_\_  
 Permit Fee: \_\_\_\_\_ Receipt # \_\_\_\_\_  
 Staff Review: \_\_\_\_\_ Plan Review #: \_\_\_\_\_ Approved  Disapproved



**Fire Department  
Division of the Fire Marshal**

**PORTABLE LP-GAS CONTAINERS AWAITING USE OR RESALE**

CONTAINERS SHALL BE LOCATED:

**STORED OUTSIDE OF BUILDINGS**

QUANTITY OF LP-GAS STORED (POUNDS)	Minimum Separation Distances from Stored LP-Gas Cylinders to (feet)						
	Nearest building or group of buildings or line of adjoining property that may be built upon	Line of adjoining property occupied by schools, places of religious worship, hospitals, athletic fields or other points of public gathering; sidewalks or thoroughfares	LP-Gas dispensing station	Doorway or opening to a building with two or more means of egress	Doorway or opening to a building with one means of egress	Combustible Materials, weeds, grass, brush, trash	Motor Vehicle Fuel Dispenser
720 or less	0	0	5	5	10	10	20
721-2,500	0	10	10	5	10	10	20
2,501-6,000	10	10	10	10	10	10	20
6,001-10,000	20	20	20	20	20	10	20
Over 10,000	25	25	25	25	25	10	20

- ✓ Stored within a suitable enclosure (cabinet or cage) or otherwise protected.
- ✓ Minimize exposure to excessive temperature rise, physical damage or tampering.
- ✓ Position containers with the pressure relief valve in direct communication with the vapor space of the container.
- ✓ “No Smoking” signs shall be posted. Smoking within 25 feet shall be prohibited. Control of other sources of ignition is required.
- ✓ LP-gas containers, regulators and piping shall be protected in accordance with IFC 2003, Section 312. VEHICLE PROTECTION REQUIRED.
- ✓ Bollards/guard posts. The post shall be constructed of 4 inch concrete filled posts, spaced not more than 4 feet between posts, set at least 3 feet deep in 15 inch diameter footers, extend at least 3 feet above the ground, and shall not be located less than 5 feet from the tank.
- ✓ At least one approved portable fire extinguisher having a minimum capacity of 18 lb dry chemical with a B:C rating. Accessible 24 hrs/7 days.

**LABELING/SIGNS**

- ✓ Visible hazard identification signs as specified in NFPA 704 are required, and for the specific material contained, shall be placed where hazardous materials are stored, dispensed, used or handled in quantities requiring a permit and at specific entrances and locations designated by the CSFD.
- ✓ Shall not be obscured or removed, shall be in English as a primary language or in symbols allowed by this code, shall be durable, and the size, color and lettering shall be approved.

**INSPECTION:**

- ✓ A permit and permit inspection for storage and use is required. Contact the CSFD @ (719) 385-5978 to schedule a permit inspection. Permit inspection fee shall apply.

**SITE PLAN:**

- ✓ Attach a detailed diagram: Show all distances in feet, to scale, directional arrow.