

INFORMATION SHEET

LP-Gas Containers – City of Mt. Shasta Building Department

Code Reference:
 California Fire Code (CFC), 2001 Edition, Article 82
 NFPA Standard 58
 California Mechanical Code (CMC), Appendix B, Chapter 13

For a permit to install, use, or maintain LP-gas container, complete this form and present it to the City of Mt. Shasta, Building Department, 305 N. Mt. Shasta Boulevard, Mt. Shasta, CA 96067.

There is a permit fee to process this application and inspect the installation.

Address of Installation:	Date:
Owner of Property:	Telephone #:
Installer:	Telephone #:

Your initials, at each item, indicates awareness of the regulation as they pertain to this installation:

<input type="checkbox"/>	All locations will be approved by the Building Department or Fire Marshall prior to installation. Provide a plot plan showing size of tank, location of tank in reference to property lines and structures on site. See Table 8204-A.
<input type="checkbox"/>	All piping and electrical services will need to be approved by the Building Department. Permits are required for these installations.
<input type="checkbox"/>	All horizontal metallic piping shall have a minimum of 12 inches of earth cover and have a machine-applied, protective coating. All joints must be wrapped with an approved material. Horizontal piping above ground must be a minimum of six inches above finished grade. Plastic gas piping shall have at least 18 inches of earth cover and have a # 18 copper (with yellow insulation) tracer wire attached to the pipe. (There is no approved substitute for the #18 wire attached to the pipe.) See section 1211.5 California Plumbing Code for additional requirements.
<input type="checkbox"/>	Gas piping must be inspected and approved prior to covering the trench.
<input type="checkbox"/>	Prior to calling the Building Division for an inspection, the gas line must be pressurized to a minimum 10 psi. Be sure that the pressure is holding. The pressure gauge must be of 1/10 pound incrementation or less.
<input type="checkbox"/>	When using metallic pipe underground, an approved isolation fitting must be installed a minimum of six inches above grade.
<input type="checkbox"/>	A building shut-off valve is required on the outside of the building being served and must be accessible at all times. If using a ground joint union, it must be immediately on the discharge side if the building shut-off valve.
<input type="checkbox"/>	Liquefied petroleum facilities shall not be located in any pit or basement, under windows or interior stairways, in engine, boiler, heater, or electric meter rooms.
<input type="checkbox"/>	Distributors shall not fill an LP-gas container or connect the piping system for which a permit is required unless the pipe has been tagged as inspected and approved (CPC, Section 8202.1).

- Equipment and piping will not be installed in locations where such equipment and piping are prohibited by the Mechanical Code (CMC 1311.4, Chapter 13, CFC 8203.3).
- Containers of 2,000 gallon water capacity or less shall be placed on concrete or masonry foundations (RMC 9.20.050). A 3 1/2" thick concrete slab is an acceptable method of meeting this requirement. The slab shall be sized 4 feet by 8 feet. (See back page for diagram).

TABLE 8204-A

CONTAINER CAPACITY (Water Gallons)	MINIMUM SEPARATION BETWEEN CONTAINERS AND BUILDINGS, PUBLIC WAYS, OR LINES OR ADJOINING PROPERTY, THAT CAN BE BUILT UPON		MINIMUM SEPARATION BETWEEN CONTAINERS (FEET)
	Mounded or Underground Containers (Feet)	Aboveground Containers (Feet)	
Less than 125	10	5	None
125 to 250	10	10	None
251 to 500	10	10	3
501 to 2,000	10	25 e f *	3
2,001 to 30,000	50	50	5

Tanks less than 125 gallons can be up against a structure as long as tank openings are at least 5 feet from structure openings and 5 feet from overhead projections.

- Containers will also be located with respect to special hazards such as above ground flammable or Combustible liquid tanks, oxygen or gaseous hydrogen containers, flooding or electric power lines as Specified in CFC, Standard No. 82-1, Section 3-2.2.6.
- Liquefied petroleum gas will not be used for the purpose of operating devices or equipment unless such device or equipment is approved for use with LP-gas (CFC, Section 8205.1).
- Liquefied petroleum gas will not be released to the atmosphere, except through an approved liquid-level gauge or other approved device (CFC, Section 8205.2).
- Weeds, grass, brush, trash and other combustible materials will be kept not less than 10 feet from LP-gas tanks or containers (CFC, Section 8209).
- When exposed to probable vehicular damage due to proximity to alleys, driveways or parking area, LP-gas containers, regulators and piping will be suitably protected by bollards per Section 8210, Uniform Fire Code. (See back page for diagram).
- An onsite inspection of the placement of the tank and pad must be completed by the Building Department or Fire Marshall prior to the tank being filled by the LP-gas vendor.

Installer's Name - Print

Installer's Signature

Date

Accepted by Signature

Date

**Note: You may use the back of this sheet for your site plan drawing.
See attached pg. 477 from 2013 California Fire Code**

Protection from Vehicle Damage

California Fire Code 8001.11.3



