

**FIXED LIQUID PROPANE
GAS (LPG) TANKS**

The City of Ventura Fire Department requires that an installation permit be obtained prior to placing any fixed LPG tank. Further, in accordance with 2010 California Fire Code Section 105.6.27, VFD requires that an annual operating permit, be obtained should indoor storage volume equal or exceed 5 gallons or outdoor storage volume equals or exceeds 10 gallons. In accordance with Health and Safety Code Section 25503.5, volumes equal to or exceeding 200 cubic feet require a Hazardous Materials Business Plan and associated annual operating permit. Permits are issued by the Ventura City Fire Department, Fire Prevention Division.

Permitting, Submittals, Installation and Scheduling

- Contractor shall secure an installation permit from the Fire Prevention Division *prior to the start of installation*. Three (3) sets of plans shall be submitted for review and approval.
- Contractor shall secure all other associated permits as required prior to the start of installation. For electrical, plumbing, or mechanical permit(s), contact Building and Safety at 805/654-7869.
- Under no circumstances shall product be placed into liquefied CO₂ container(s) without prior approval from the Fire Prevention Division.
- Contractor shall install and test LPG container(s) in accordance with the manufacturer's recommendations and guidelines.
- Contractor shall be responsible for scheduling all associated inspections. *Fire Prevention shall withhold approval to operate the LPG system until verification has been received indicating satisfactory completion of all associated inspections.*

On-Site Inspection Criteria

- Tanks capacity *shall not exceed 2000 gallons water capacity* unless approved by the Fire Marshal. *CPC 3804.2*
- Use of tanks inside buildings shall conform with *CFC 3803.2*
- Tanks and associated piping, valves, dispensing, and other appurtenances shall be installed per California Mechanical Code and NFPA 58. *CFC 3803.1*
- Tanks shall be located such that electrical wiring (overhead or other), flooding and heat sources are not a factor. See NFPA 58 Sec 6.4.5. *CFC 3804.3*
- Stationary tanks shall be secured to a 4-inch thick concrete pad with grade bolts (1/2 inch x 6 inch; minimum) per NFPA 58. *CFC 3803.1*
- Tanks exposed to potential vehicle impact shall be protected (see CFC 312 for details). *CFC 3807.4*
- Distance of at least 10 ft. shall be maintained between tanks and combustible materials and debris. *CFC 3807.3*
- Tanks in buildings shall not be located near exit-access doors, exits, stairways, or in areas normally used, or intended to be used, for the safe egress of people. *CFC 3809.4*
- Appropriate signage ("FLAMMABLE GAS; NO SMOKING WITHIN 25 FEET") shall be posted on tank and clearly visible on approach. *CFC 3807.2*
- Location of aboveground tanks. *CFC Table 3804.3*

<u>Tank Volume (gal)</u>	<u>Public Right Ways and Property Lines (ft)</u>
0 – 124	5
125 – 250	10
251 – 500	10
501 – 2000	25

- Fire extinguisher (2A:40BC) secured within 15 to 30 feet of tank. *CFC 3808.2*