

**UNIFORM FIRE CODE PERMIT REQUIREMENTS**

**LIQUEFIED PETROLEUM GAS TANK/DISPENSING INSTALLATIONS**



**APPLICANT: Complete the lines noted with asterisk ( \* )**

Reference Uniform Fire Code (OUFC) Volume 1, SECTION 82 & 80, 1998 ed.;  
OUFC Volume 2, Standard 82-1 & 10-1, 1998 ed.

As a minimum, the following items shall be addressed during plan review and confirmed by field inspection. A site plan showing the property lines, buildings, public ways, streets, and proposed LPG tank siting shall be submitted with this application. Listing sheets for the tank, piping, valving, transfer pump and all related appurtenances shall be provided. Installation shall be in accordance with the current adopted fire code and subject to review by the Corvallis Fire Prevention Office (766-6961).

\* Tank Size/Water Capacity: \_\_\_\_\_ \* Listing/Serial No: \_\_\_\_\_  
\*  Aboveground Tank  Underground/Mounded Tank

1. PERMITS AND PLANS

- a. A permit is required to store, use, handle, or dispense LP-gas or to install or maintain an LP-gas container. (REF: OUFC Section 8202)  
EXCEPTION: A permit is not required to install or maintain portable containers of less than 125-gallon aggregate water capacity.
- b. The Office of State Fire Marshall shall be notified regarding the installation of any L.P.G tank by the end of the installation month. (REF: ORS 480.450)

2. VEHICLE PROTECTION

When exposed to probable vehicular damage due to proximity to alleys, driveways or parking areas, LP-gas containers, regulators and piping shall be suitably protected. Use of guard posts or other approved means shall be provided. (REF: OUFC Section and 8001.11.3) When guard posts are installed they shall be:

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- 1. Constructed of steel not less than 4 inches in diameter and concrete filled.
- 2. Spaced not more than 4 feet between posts on center.
- 3. Set not less than 3 feet deep in a concrete footing of not less than a 15-inch diameter.
- 4. Set with the top of the posts not less than 3 feet above ground.
- 5. Located not less than 5 feet from the container.

3. CONTAINER MARKINGS

- a. NO SMOKING signs shall be posted. Smoking within 15 feet of a point of transfer, while filling operations are in progress at containers or vehicles, shall be prohibited. (REF: OUFC Section 8208)
- b. When LP-Gas and one or more other compressed gases are to be stored or used in the same area, the containers shall be marked "Flammable" and either "LP-Gas", "LPG", "Propane" or "Butane". (REF: OUFC Standard 82-1, Section 2-2.6.2)

4. LOCATION OF CONTAINERS

- a. Location of containers shall be located with respect to buildings, public ways, lines of adjoining property which can be built on in accordance with REF. Table 8204-A of the 1997 OUFC as partially shown on the following page:

**OVER...**

Minimum separation between containers and buildings, public ways, or lines of adjoining property that can be built upon.			
Container Capacity (water gallons)	Mounded or Underground Containers	Aboveground Containers	Minimum separation between containers
less than 125	10 feet	5 feet	None
125 to 250	10 feet	10 feet	None
251 to 500	10 feet	10 feet	3 feet
501 to 2,000	10 feet	25 feet <sup>1</sup>	3 feet

Note: 1. This distance is allowed to be reduced to not less than 10 feet for a single container of 1,200-gallon water capacity or less, provided such container is at least 25 feet from other LP-gas containers of more than 125-gallon water capacity. Additional footnotes from Table 8204-A may allow variances in distances.

- b. The point of transfer for dispensing operations shall be 25 feet or more from buildings having combustible exterior wall surfaces or building having noncombustible exterior wall surfaces that are not part of a one-hour fire-resistive assembly, property which may be built on, public streets, or sidewalks and railroads; at least 10 feet from driveways and buildings having noncombustible exterior surfaces that are part of a fire-resistive assembly having a rating of one-hour or more. (REF: OUFC Standard 82-1, Table 4-3.3.2)
- c. Weeds, dry grass, brush, trash, and other combustible materials shall be kept not less than 10 feet from LP-gas containers. (REF: OUFC, Section 8209).
- 5. FIRE PROTECTION
  - a. A 20 lb. dry chemical fire extinguisher with a B:C rating shall be provided at each industrial plant, distributing plant and distributing point. Maximum travel distance to extinguishers shall not exceed 30 feet. (REF: OUFC Standard 82-1, Section 5-5.1.1)
- 6. PRESSURE RELIEF DEVICES, HOSE, CONNECTIONS, AND FLEXIBLE CONNECTORS
  - a. Containers shall be equipped with one or more pressure relief devices which shall be designed to relieve vapor. (REF: OUFC Standard 82-1, Section 2-3.2.1)
  - b. Hose, connections, and flexible connectors shall be fabricated of materials resistant to the action of LP-Gas both as a liquid and vapor and listed for use with LPG. If wire braid is used for reinforcement it shall be of corrosion resistant material such as stainless steel. (REF: OUFC Standard 2-4.6.1)

INSPECTING OFFICER: \_\_\_\_\_

DATE: \_\_\_\_\_

I have read, understand, and will adhere to the conditions noted above.

- \* Signature: \_\_\_\_\_
- \* Printed Name: \_\_\_\_\_
- \* Company Installing Tank: \_\_\_\_\_
- \* Company License No: \_\_\_\_\_
- \* Fitter License No: \_\_\_\_\_
- \* Job Site: \_\_\_\_\_
- \* Phone #/Date: \_\_\_\_\_