



## **INFORMATION BULLETIN**

**on**

### ***Propane/Liquid Petroleum Gas Tank Installation***

**DATE ISSUED:** May 17, 2021

**PURPOSE:** To assist the public, building professionals, Liquid Petroleum Gas (LPG) providers and system installers in understanding requirements for installation of LPG Systems that is required within the jurisdiction of either the Alpine Springs County Water District, Northstar Fire Department, North Tahoe Fire Protection District, Meeks Bay Fire Protection District, Truckee Fire Protection District and Olympic Valley Fire Department.

#### **WHERE REQUIRED BY THE COUNTY OR FIRE CODE:**

Placer County Code Section Article 15.12 Propane/LPG Tank Installation above 5,000 feet Elevation requires the following.

#### **1. REGULATORS/ VALVES:**

- Second-stage regulator and riser piping shall be installed on gable end of building, avoiding shedding snow & ice.
- The second-stage regulator shall be protected with an approved cover.
- An approved gas-shut off valve shall be placed directly upstream of second-stage regulator.
- Visible identification signs to be placed on building located as high as practicable directly above the shut-off valve.

#### **2. SNOW STAKES:**

- LPG tanks shall be marked with yellow snow stakes, placed on side opposite of riser, extending above snow depth by Nov 1st each year & shall remain the entire snow season.
- Top 6" of stake shall be painted in supplier's color. Underground tanks shall be marked "UG" in top 6" of stake.
- The side of the stake indicating the tank location will be painted 18" minimum from top of stake and be opposite the tank shut-off valve, in the supplier's color.
- Stake shall additionally be painted "RED" beginning at the top of the tank & extending 12" above the tank as a tank warning indicator.

#### **3. PIPING:**

- First-stage regulator shall be under tank dome, or approved cover per the local Fire Authority.
- Swing joints shall be used at all changes of direction at riser pipes.

- Riser pipe shall be within 3" of tank walls.
- Keep riser pipes 3" clear of hard surfaces.
- Riser piping at tank or structure shall be schedule 80 rigid piping or other approved materials. SCHEDULE 40 IS NOT ALLOWED.
- Tank supports shall be in accordance with NFPA or as approved by the permitting authority.

Alpine Springs County Water District, Northstar Fire Department, North Tahoe Fire Protection District, Meeks Bay Fire Protection District, Truckee Fire Protection District and Olympic Valley Fire Department all have specific and similar requirements for LPG systems. Any new LPG system installation or any LPG system that has an "Interruption of Service" shall be reviewed by the Fire Agency that has jurisdiction.

An "Interruption of Service" shall mean the service shall be considered to be interrupted whenever service is discontinued because of hazardous condition, change in size or type of service, whenever the tank, meter, regulator(s), valve or other exterior service supply components are removed, replaced, or repaired, whenever the service is relocated, whenever the building, tank piping or components are damaged to the extent that the servicing utility, fire, or building department considers the service to be potentially hazardous. Normal refilling of an empty or partially empty tank, and routine maintenance of interior appliances, shall not be considered as an interruption of service. Installation of LPG appliances, piping, or piping components within the walls of a building are also not considered as an interruption of service.

Any questions can be directed to the Fire Agency having jurisdiction.

Alpine Springs, North Tahoe Fire, Meeks Bay Fire Protection District	530-583-6911
Northstar Fire Department	530-562-1212
Olympic Valley Fire Department	530-583-6111
Truckee Fire Protection District	530-582-7850