

California Fire Code, Chapter 38 Amendments – Liquefied Petroleum Gases

Table 3804.3 Footnote “d” is amended to read as follows:

Table 3804.3 Footnote “d” of Chapter 38 of the Fire Code of the Diamond Springs - El Dorado Fire Protection District is amended to read as follows, based on climatic, geological and topographical conditions:

3804.3 Footnote “d” - ~~500 gallons~~ becomes 250 gallons. Installation of DOT tanks, with setbacks from structures less than 10 feet, must be approved by the Fire AHJ.

Section 3812 is added as follows: High Altitude Liquefied Petroleum Gas Installations (4,000’ and Above).

Section 3812.1 is added as follows: Regulators.

Section 3812.1 of Chapter 38 of the Fire Code of the Diamond Springs - El Dorado Fire Protection District is added to read as follows, based on climatic, geological and topographical conditions:

3812.1 Regulators. Two-stage regulator system shall be installed in accordance with manufacturer requirements.

1. First stage regulator and connecting pigtail shall be installed under a protective valve cover on the tank. The mounting position of the first stage regulator shall be listed for this application.

Section 3812.2 is added as follows: Vertical Yard Riser Piping.

Section 3812.2 of Chapter 38 of the Fire Code of the Diamond Springs - El Dorado Fire Protection District is added to read as follows, based on climatic, geological and topographical conditions:

3812.2 Vertical Riser Piping.

1. Minimum of Schedule 40-iron piping.
2. Riser shall be within 3 inches horizontally of the tank.
3. Swing joints shall be installed above and below tank level to provide for the tank movement. (Street elbows shall not be used.)
4. A listed flexible riser constructed of copper or stainless steel tubing and protected by a steel covered sheathed material may be used instead of swing joints. The flexible alternative shall provide sufficient slack to allow for tank movement.

Section 3812.3 is added as follows: Second Stage Regulators.