

TUCSON FIRE DEPARTMENT		Section: Standard Operating Guideline: LIQUIFIED PETROLEUM GAS - ABOVE GROUND STORAGE TANKS
FIRE PREVENTION DIVISION Page 1 of 2		Issued: 04-09-2020 Revised: 06-08-2023

I. OBJECTIVES:

The objective of this document is to outline the policy and procedures for approving Liquid Petroleum Above Ground Storage Tank (LPAST) permit applications and LPAST inspections.

I. POLICY:

The Tucson Fire Department Fire Prevention Division shall be responsible for the enforcement off all local laws regarding these tanks.

II. PROCEDURES:

A. Permit

A permit is required to install a Liquid Petroleum above ground Storage Tank (LPAST). Applicants must obtain a permit for the installation of an LPAST from the Tucson Fire Department. The permit application shall include the following:

1. A site plan that includes the location of the LPAST and associated system equipment. The site plan shall include adjacent structures and setbacks.
2. Manufacturer manuals/cut sheet of the LPAST and associated equipment. Tank and equipment shall be of an approved listing for LPG and meet NFPA 58 standards.
3. In heavily populated or congested areas, the aggregate capacity of one installation shall not exceed a water capacity of 2,000 gallons.

B. Inspection

LPAST installs shall be inspected by the Tucson Fire Department. Inspections shall involve the following:

1. Verify LPAST and equipment coincides with permit application equipment, as well as location of LPAST and equipment.
2. Verify a 2A:20BC extinguisher is located no closer than 10 feet and no further than 50 feet from tank.
3. Verify vehicle impact protection has been installed according to the 2018 Tucson Fire Code.

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4. Verify the following warning labels/signs are posted:

- No smoking
- Associated NFPA 704 diamond
- Emergency shut off valve
- Remaining shut offs labeled.

5. Verify emergency shutdowns are working correctly (includes manual shutdown as well as emergency shutdown switches)

6. Verify automatic emergency shut off is present. (This shut off is an emergency trip in the event of a fire.)

7. Verify there are no combustibles within 10' of LPAST.

NOTE: All LPAST dispensing systems **REQUIRE** an electrical inspection from the City of Tucson Planning and Developmental Services Department.

IV. REFERENCES:

- Exhibit 1: 2018 International Fire Code
- Exhibit 2: NFPA 58