



# FORT MOJAVE MESA FIRE DEPARTMENT

## LPG Tank Installation Permit

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_ Phone #: \_\_\_\_\_

Fax #: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Location or Site of Installation: \_\_\_\_\_

Size of Tank (GWC): \_\_\_\_\_

**When you are ready for an inspection, please call Fire Station 91 at 768-9181, ext. 24.**

Sketch below a site plan of the tank and location of the installation with all exposures including, but not limited to, buildings, driveways, fences, walls, washes, etc. with dimensions and distance in feet from the exposure to the tank.

### Tank Site Sketch

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Fee: \$ \_\_\_\_\_ Date Paid: \_\_\_\_\_ Check #: \_\_\_\_\_ Initials: \_\_\_\_\_

Approved: \_\_\_\_\_ Date: \_\_\_\_\_

Inspector



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## LPG Tank Installation Checklist

To assist in ensuring the proper installation of a propane gas tank, please verify the following checklist.

1.  Yes  No Are long dry grass, weeds, brush, and other combustible materials 10 feet or more from the tank?
2.  Yes  No Is the tank installed according to **Diagram A** on the reverse side of this form? **Diagram A** shows the correct distance the tank should be installed from buildings, including decks and covered patios, and building openings.  
(Keeps accidental release of gas from accumulating in or under the building).  
  
*Tanks less than 125 gallons may be installed next to a building. All filling connections and/or pressure relief valves must be 10 feet from window air conditioners, air intake appliances, or any sources of ignition.*  
  
*ASME tank pressure relief valves must be 10 feet from sources of ignition and 5 feet from building openings.*  
*DOT tank pressure relief valves may be 3 feet from any building opening, and 5 feet from sources of ignition.*
3.  Yes  No Does the tank have a manual valve to shut off the propane gas supply in case of an emergency? (See manual valve drawing on **Diagram B** on the reverse side of this form.)
4.  Yes  No Does the pressure relief valve have a waterproof cap protecting it from rain? Caution: Do not move the relief valve, and never lean over the relief valve.
5.  Yes  No Is the regulator securely attached (to either the tank or building) and protected from rain and other weather conditions? Regulators may be installed outside the dome, if they are secured and the vent is in the downward position.
6.  Yes  No Is the tank located inside a fenced area (constructed of wood or any other materials)? If the answer is yes, please answer the following:
  - Yes  No The fence around my tank does not have a roof.
  - Yes  No The fence is 12 inches or less above the top of the dome covering.
  - Yes  No The fence is 3 feet from the tank on all sides. (Except for the side of your house)
  - Yes  No If the fence is made of wood, the entire bottom edge of the fence is at least 6 inches or more off the ground.
  - Yes  No If the fence is made of concrete or masonry blocks, half or more of the bottom edge of the fence is 6 inches or more off the ground.
7.  Yes  No If the tank is close to an alley, driveway, or parking area, is the tank, regulator, and piping protected from possible vehicle impact?
8.  Yes  No Does the tank sit on a foundation that provides support to keep the tank from tipping over or sinking into the ground? (Examples of foundations include concrete blocks, concrete, or paving.)

Signature: \_\_\_\_\_ Phone: \_\_\_\_\_ Date: \_\_\_\_\_

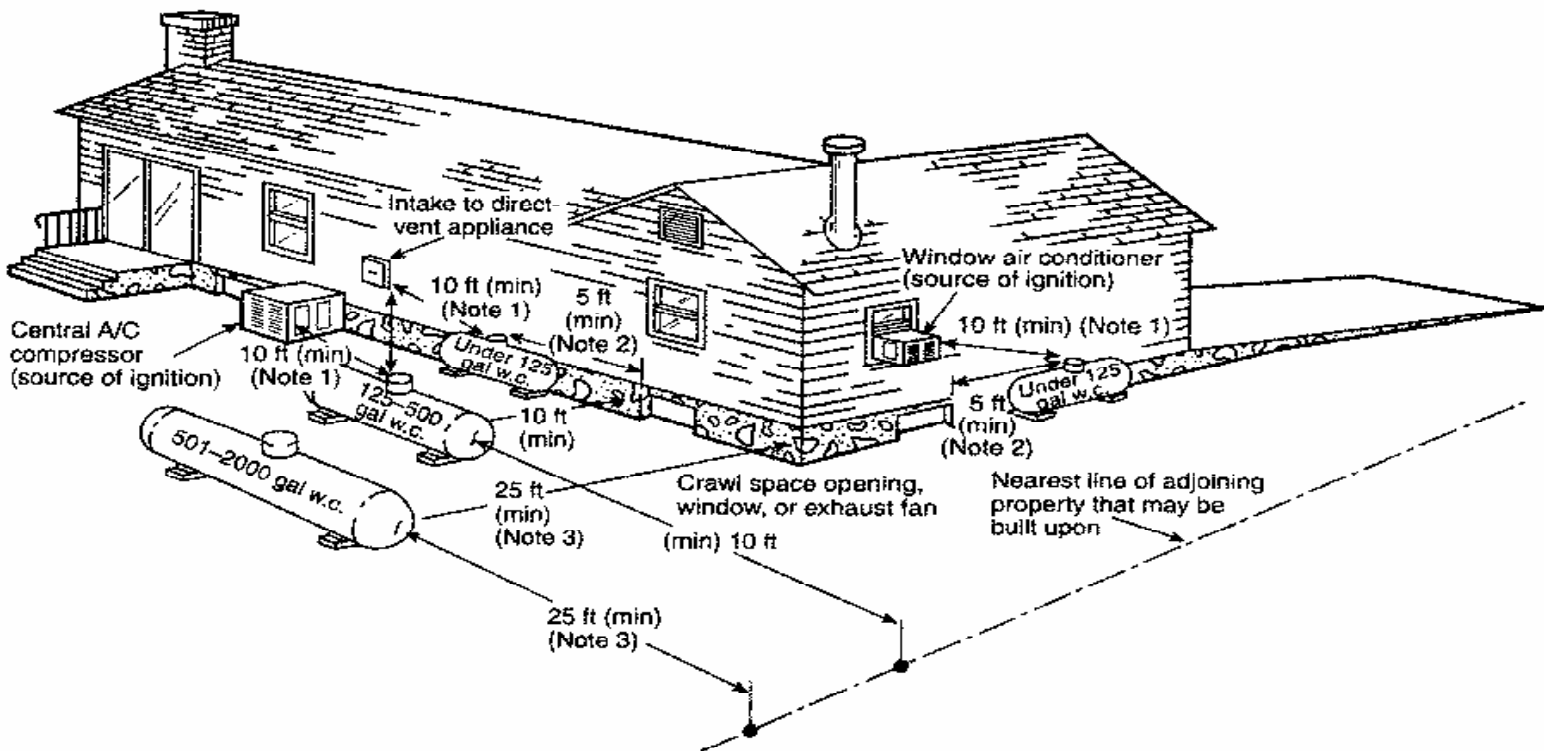
My tank is: (please check one of the following)  ASME  DOT



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## LPG Tank Installation Checklist

**DIAGRAM A.**



Note 1: Regardless of its size, any ASME container filled on site must be located so that the filling connection and fixed maximum liquid level gauge are at least 10 ft from any external source of ignition (such as open flames, window A/C, and compressors), intake to a direct-vented gas appliance, or intake to a mechanical ventilation system.

Note 2: Cylinders shall not be located and installed underneath any building unless the space is open to the atmosphere for 50 percent of its perimeter or more.

Note 3: This distance may be reduced to no less than 10 ft for a single container of 1200 gal (4.5 m<sup>3</sup>) water capacity or less, provided the container is at least 25 ft from any other LP-Gas container of more than 125 gal (0.5 m<sup>3</sup>) water capacity.

**DIAGRAM B.**

