



EULESS FIRE DEPARTMENT FIRE MARSHAL'S OFFICE

EFD-FMO 21-2

2015 Edition
International Fire and
Building Code as Amended

POLICY STATEMENT:

Liquid Petroleum Gas (LPG) Installations

Revision 2/12

Fire Chief Wes Rhodes Fire Marshal P. Smith

NFPA Standards #58
Texas Railroad
Commission Rules &
Regulations

REQUIREMENTS FOR A PERMIT

NOTE: The requirements contained herein will be enforced to the fullest extent that they can be enforced under the provisions of HB 2663.

ZONING

Proposed site for an LPG Tank Installation to be approved by Zoning definition prior to obtaining a permit.

Residential Zoning: Not to exceed an LPG Tank installation or aggregate capacity greater than five hundred (500) water gallon capacity (WGC). Limited to one tank per lot for the purposes of providing gas service to pools, spas or outdoor appliances, provided natural gas is not available to the site and provided that the tank complies with the spacing provisions of this code and can be positioned to be immediately accessible to fire personnel in the event of an emergency. **Note: LPG tanks can not be used to provide gas service interior to a structure, except that existing non compliance tanks may remain.**

Commercial/Industrial Zoning: Not to exceed an LPG Tank installation greater than two thousand (2,000) water gallon capacity (WGC).

OBTAINING PERMIT

Prior to the issuance of the permit by the City and the commencement of any work, the applicant shall furnish the following information to the Fire Marshal:

- A. Complete the permit application and provide the detailed information.
- B. Submit a site plan or drawing showing the proposed location of the LPG installation.
- C. The Fire Marshal's permit is for the placement of the tank ONLY. A separate permit must be obtained from the Building Inspection Department to cover any gas piping and other components of the system. The Fire Marshal will inspect the tank, with all piping inspected by the Building Inspection Department. Piping plans must be submitted to the Fire and Building Departments for review.

The installation, storage and use of liquefied petroleum gas (LPG) shall be maintained in accordance with the rules established by the Railroad Commission of Texas and that which is applicable by local ordinances.

CONTRACTORS REQUIREMENTS

Contractors engaging in the installation, repair, retail and wholesale distribution, filling and exchanging, and other associated activities shall be licensed by the Texas Railroad Commission and produce a photocopy of same at time of obtaining a permit.

REGISTRATION AND PERMIT FEES

Permit fees are regulated on the Building Code Permit Fee Schedule and are based on the cost of construction. Questions concerning registration and permit fees should be directed to the Fire Administrative Offices at (817) 685-1600.

LOCATION OF CONTAINERS

Containers shall be located the following minimum distances from buildings, public ways, lot lines and other tanks in accordance with the following table:

Container Capacity (U.S. Gallons)	Minimum Distance
Less than 125	5 feet
125 to 500	10 feet
501 to 2,000	25 feet

Over 2,000	50 feet
Over 30,000	See IFC

A stationary storage tank shall be a minimum of ten (10) feet from the nearest street line or sidewalk.

UNDERGROUND TANKS

LPG Tanks "ASME" approved and suitable for underground installation is acceptable for residential installation.

PROTECTION OF TANK INSTALLATION

Above ground tanks, meters, regulators, and piping exposed to vehicle damage due to proximity to alleys, driveways or parking areas shall be protected in a manner approved by the fire Marshal.

Bollards shall be a minimum of four (4) inches in diameter pipe filled with concrete. Bollards shall be buried a minimum depth of two (2) feet and encased in concrete. Exposed section of the bollard shall be a minimum of thirty (30) inches tall.

The exposed portion of the bollard shall be painted a bright yellow enamel or other approved color..

GAS PIPING SYSTEM MATERIALS

Gas piping materials shall conform to the requirements of the Texas Railroad Commission, NFPA #58, the International Fuel Gas Code and the ordinances of the City of Euless.

INSPECTIONS

The installations must be inspected by the office of the Fire Marshal and the Building Inspection Department to insure code compliance.