



**EL DORADO COUNTY
FIRE PROTECTION DISTRICT**

P.O. Box 807/4040 Carson Road / Camino, CA 95709
(530) 644-9630 Fax (530) 644-9636

UNDERGROUND LPG TANK PERMIT APPLICATION

(Reference: Uniform Fire Code-Article 82 and NFPA 58)

General Requirements:

- o Fire District permit application shall be completed and submitted for fire district approval prior to installation of the tank.
- o Shut off valves shall be located at both the structure and tank.
- o Tank shall be identified with owner name, address and phone number.
- o Only ASME containers constructed for underground service shall be used.
- o Assemblies shall be listed for underground use.
- o Fire District shall be notified prior to the removal of an underground tank.
- o **Attach diagram of container, gas line, property lines, buildings, streets, driveways, drainages, stream, etc. Indicate scale and compass direction.**

Backfill Inspection:

- o Approved interchangeable aboveground-underground container assemblies installed underground shall not be placed with the container shell more than 12" below grade.
- o The portion of the container to which the fitting cover or other connections are attached are permitted to be covered. The discharge of the regulator vent shall be above the highest probable water level.
- o Container shall be protected against corrosion for the soil conditions at the container site by an approved method in accordance with good engineering practice and NFPA 58 (Sacrificial anodes)
- o Precaution shall be taken to prevent damage to the coating during handling. Any damage to the coating shall be repaired before backfilling.
- o Containers shall be set substantially level on a firm foundation and shall be enclosed by earth or sand firmly tamped in place. Backfill shall be free of rocks or similar abrasives.
- o No portion of the tank shall be located less than 10' from buildings, public ways, easements or lines of adjoining properties. (50' > 2000 gallons)
- o Where necessary to prevent flotation or high water table, containers shall be securely anchored.
- o Polyethylene pipe and tubing, when used, shall be installed underground with a minimum of 18" of cover.
- o An electrically continuance corrosion-resistant tracer wire (minimum AWG 14) or tape shall be buried with the polyethylene pipe.
- o Tank and gas lines shall be pressure-tested prior to back filling. Contact Fire District at least 48 hours prior to request for inspection.
- o The container shell shall be at least 6" below grad, unless container is subject to abrasive action or physical damage. In such case, a non-interchangeable underground container shall be used and the container shell shall be placed at least 18" below grade or approved equivalent protection shall be provided.

Final Inspection:

- o Where subject to vehicular traffic, suitable protection such as bollards shall be provided to protect the housing dome, relief valve discharge, filling risers and any appurtenances that extend above ground level.
- o All connections to containers installed underground shall be located within the housing dome.
- o A permanent placard, minimum 3"x3" stating "UNDERGROUND PROPANE TANK" shall be affixed to the main electrical panel.

Property owner:

_____ (print)

Address:

Vendor:

Address:

_____ (business) _____ Date: _____
F.D. Tank Location Approval _____ (signature) (ID #)

F.D. Backfill Approval: _____ (signature) (ID#) _____ Date: _____

F.D. Final Approval: _____ Date: _____

F.D. Permit Fee: _____ Date Paid: _____ Check # _____
(\$100 < 500 gal, \$200 < 2000 gal, \$500 < 2001 gal) (Aggregate Capacity)