



## **Guidelines for LP Tank (propane/natural gas) Installation or Removal - Residential**

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The following is required to make your application to the City of Cape Coral:

*Permits shall be approved and inspected by the fire department before final approved on all installations*

1. Submittal Forms (Contractor):

- a. Miscellaneous Application
- b. Notice of Commencement (project value: \$2,500.00 or more)
- c. If a condominium, requires a notarized authorization letter from the condo association

2. Submittal Forms (Owner/Builder):

- a. Miscellaneous Application
- b. Owner/Builder Affidavit
- c. Notice of Commencement (project value: \$2,500.00 or more)
- d. If a condominium, requires a notarized authorization letter from the condo association

3. Information Required (2 copies of each):

a. Description of Proposed Propane System

i. Site Plan:

- 1) Show existing buildings or structures including sidewalks, patios, driveways, etc. as applicable (copy of recent survey is adequate).
- 2) Indicate tank(s), related piping and all equipment.
- 3) Indicate dimensions to the property lines from all buildings or structures.
- 4) Site plan shall be clear and legible.

ii. Details:

- 1) Indicate whether the installation is above or below the ground with respect to the tank(s) and/or piping.
- 2) Identify tank(s) or equipment pads or foundations with details and related information. Indicate method of attachment, including materials securing and anchoring.
- 3) Provide a list of materials including tank(s) type (vertical/horizontal), regulators, tank capacity (in gallons) operating pressures and materials of all piping.
- 4) Indicate BTU rating of all equipment.

This guideline is to be used as a minimum requirement and is subject to change without notice



5) Plan detail and all specs must be of sufficient size and clearly legible.

4. General Requirements:

- a. Propane tanks shall be five (5) feet from any door or window openings.
- b. Liquid propane tank, piping and equipment, shall not be installed within the six feet (6') public utility easement, located at the property perimeter.
- c. For an above ground installation, the liquid propane tank shall not be located in the front property setbacks.
- d. Liquid propane tank shall be ten feet (10') from any ignition sources (electric service or equipment).
- e. Above ground tanks shall be properly anchored and on a concrete base having a minimum thickness of three inches (3") with an overall size of one and one half (1 ½) the maximum diameter for vertical tanks and the maximum width by the maximum length for horizontal tanks.
- f. Underground piping shall be eighteen inches (18") deep with tracer wire.
- g. Underground tank installation shall be anchored and installed per tank manufacturer's guidelines and the Federal Emergency Management Agency (FEMA).
- h. Underground tanks shall be ten feet (10') from any building and ten feet (10') from the property line.

Note: Each item above required to be listed for specific application as well as compliance with all NFPA 58 Guidelines.