



LPG System Submittal Checklist



Electronic Plan Standards

File Naming Standards:

Electronic plans and documents shall be named as specified in **bold type** under "Permitting Requirements". For example, the site plan must be named **"Site Plan"**.

Acceptable File Types:

Plans, calculations, specifications and supporting documents shall be uploaded as a PDF file.

Plan Sheet Standards:

All plans shall be drawn to scale, as identified in the checklist, and each sheet shall state the scale.

Document Orientation:

All **plans** must be uploaded in **"Landscape"** format in the horizontal position. All other documents can be in "Portrait" format.

PROJECT INFO

Site address: _____ Associated Permits: _____
Project name/Tenant: _____ Property Owner: _____

PERMITTING REQUIREMENTS

An IFC Fire Installation Permit is required for **installation or modification to a Liquefied Petroleum Gas system**. A SEPARATE FIRE INSTALLATION PERMIT IS REQUIRED FOR EACH LPG SYSTEM. **The following information is required at time of application for the Fire Installation Permit:**

- Completed **"Fire Installation Permit Application"**
- Completed **"LPG System Submittal Checklist"**. Check all checkboxes that are applicable to your project.
- Site Plan**
- Product Cut Sheets**
- Construction Documents** (Not required for single containers less than 2,000 gallons or total aggregate less than 4,000 gallons in multiple containers.)

PLANS

The following is a list of information required on all plan submittals for review of a **Liquefied Petroleum Gas System** installation for compliance with the 2009 IFC Chapter 38 and NFPA 58. The plan shall be drawn to 1/8" scale minimum. **Where a single LP-gas container is more than 2,000 gallons in water capacity or the aggregate water capacity of LP-gas containers is more than 4,000 gallons, the installer shall submit construction documents for such installation.** The applicant is required to submit all of this information so an accurate and timely review may be done:

- Site plan indicating the location and size of the proposed tank(s) and piping system.
- Type and use of container, equipment or device.
- Design pressure, maximum operating pressure and test pressure.
- Type, size, setting and location of pressure relief devices, vent and shutoff locations
- Details to show proper construction of the foundation supporting the tank

PLANS (CONTINUED)

General Requirements:

- Containers shall be located in accordance with IFC Table 3804.3 and 2008 NFPA 58 Section 6.2.
- “No Smoking” signs complying with IFC Section 310 shall be posted to prohibit smoking within 25’ of a point of transfer, while filling operations are in progress at LP-gas containers.
- Weeds, grass, brush, trash and other combustibles shall be kept a minimum of 10’ from LP gas tanks or containers
- Tanks subject to vehicle damage shall be protected by bollards in accordance with IFC Section 312