



# LPG System Submittal Checklist

Updated September 2, 2016 to the 2015 International Fire Code



## 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 2015 IFC Chapter 61 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 6104.3 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. (IFC 6107.2)
- Weeds, grass, brush, trash and other combustibles shall be kept a minimum of 10’ from LP gas tanks or containers (IFC 6107.3)
- Tanks subject to vehicle damage shall be protected by bollards in accordance with IFC Section 312