



# FIRE CONSTRUCTION PERMIT SUBMITTAL CHECKLIST

*SERVING THE CITIES OF LAKE STEVENS, MILL CREEK, MONROE AND SULTAN*

## LP GAS SYSTEMS

### PROJECT INFORMATION

Site address:	Associated Permits:
Project Name / Tenant:	Property Owner:

## Electronic file standards

File naming standard: Electronic plans and documents shall be named as specified in bold type under “permitting requirements”. For example, the seating plan must be named “Seating Plan”.

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

Document Orientation: All plans must be uploaded in “Landscape” format in the horizontal position. All other documents can be in “Portrait” format.

### CODE EDITIONS

- 2018 Washington State Fire and Building Code and as applicable - Lake Stevens Municipal Code 14.84, Monroe Municipal code 15.04.110, Mill Creek Municipal Code 15.04.120, Sultan Municipal Code 15.05.

### PERMITTING REQUIREMENTS

A Fire Construction Permit is required to install or modify an **LP-gas system** required by Section 105.7.16 of the 2018 Washington State Fire Code and local code amendments. **The following information is required at time of application for the Fire Construction Permit.**

- Completed Fire Construction permit submittal application
- Completed “LP-gas System – submittal checklist”
- Plans
- Product cut sheets

## PLANS

The following is a list of information required on all plan submittals for review of a “LP Gas System” permit application. **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 plan shall be drawn to 1/8”=1’-0” minimum scale. 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.
- Indicate the size of the tank to be installed
- 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

## GENERAL REQUIREMENTS

- Containers shall be located in accordance with WSFC Table 6104.3 and 2017 NFPA 58 Section 6.2.
- Equipment and piping shall not be installed in locations where such equipment and piping is prohibited by the International Fuel Gas Code. WSFC 6103.3
- “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. (WSFC 6107.2)
- Weeds, grass, brush, trash and other combustibles shall be kept a minimum of 10’ from LP gas tanks or containers (WSFC 6107.3) Tanks subject to vehicle damage shall be protected by bollards in accordance with WSFC Section 312
- Within the limits established by law restricting the storage of liquefied petroleum gas for the protection of heavily populated or congested areas, the aggregate capacity of any one installation shall not exceed a water capacity of 2,000 gallons. WSFC 6104.3
- Where exposed to vehicular damage due to proximity to alleyways, driveways, or parking areas, LP gas containers, regulators and piping shall be protected in accordance with the 2017 NFPA 58.
- Portable fire extinguishers shall be installed in accordance with the 2017 NFPA 58.