



Fire Installation Permit Application



SITE LOCATION	Office Use Only
Site address: _____	PROJ: _____ DATE: _____
Project name/Tenant: _____	BLDG: _____ APP EXPIRES: _____
Associated Permits: _____	FIRE: _____ ACCEPTED BY: _____
Property owner: _____	PAYMENT METHOD: _____ TYPE: _____

APPLICANT INFORMATION	
Contact Person: _____	Address: _____
Company Name: _____	City: _____
Phone: _____ Fax: _____	State: _____ Zip: _____
E-mail: _____	

CONTRACTOR	
Contractor Name: _____	State Contractors License #: _____
Contact Person: _____	Expiration Date: _____
Business address: _____	Redmond Business License #: _____
City: _____	Phone: _____ Fax: _____
State: _____ Zip: _____	E-mail: _____

DESCRIPTION OF WORK

TYPE OF PERMIT
<p>Note: Check the appropriate scope of work to determine which permit you are applying for. ONLY ONE PERMIT TYPE IS ALLOWED PER APPLICATION. BOTH A PERMIT APPLICATION AND ASSOCIATED SUBMITTAL CHECKLIST WHERE APPLICABLE ARE REQUIRED AT TIME OF PERMIT APPLICATION. (Submittal Checklists for each Permit Type can be found at www.redmond.gov/prevention under "Quick Links", Forms and Fire Codes/Standards)</p>

<p>Battery Systems: <input type="checkbox"/> Quantity: _____</p> <p>Cryogenic Fluids: <input type="checkbox"/> Quantity: _____</p> <p>Industrial Ovens: <input type="checkbox"/> Quantity: _____</p> <p>Emergency Responder Radio: <input type="checkbox"/> Quantity: _____</p> <p>Solar Photovoltaic Power Systems: <input type="checkbox"/> Quantity: _____</p>	<p>HPM Facilities (check only one): No submittal checklist required. See Deputy Fire Marshal. <input type="checkbox"/> <u>Level 1:</u> 1 to 4 ct. specialized equipment <input type="checkbox"/> <u>Level 2:</u> 5 to 8 ct. specialized equipment <input type="checkbox"/> <u>Level 3:</u> Any new facility</p> <p>Compressed Gases: No submittal checklist required. <input type="checkbox"/> Quantity: _____</p> <p>Private Fire Hydrants: No submittal checklist required. <input type="checkbox"/> Quantity: _____</p>
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TYPE OF PERMIT (CONTINUED)

LP gas Store/Handle/Use/Dispense *(check only one):*

- Level 1: $\leq 1,000$ # aggregate
- Level 2: $> 1,000 \leq 4,000$ # aggregate
- Level 3: $> 4,000$ # aggregate

Places of Assembly *(check only one):*

- Level 1: $> 50 \leq 100$ occupant load
- Level 2: $> 100 \leq 500$ occupant load
- Level 3: > 500 occupant load

Refrigeration Equipment *(check only one):*

- Level 1: Min. 220# Group A1; 30# other refrigerant not level 2 or 3
- Level 2: Refrigerant machinery room
- Level 3: Equipped with treatment/flaring/ammonia diffusion system

Spraying and Dipping *(check only one):*

- Level 1: 1 spray area, dip tank, powder coating ops/fire area
- Level 2: $> 1 \leq 3$ spray areas, dip tanks, powder coating ops/fire areas
- Level 3: > 3 spray area, dip tanks, powder coating ops/fire areas

Flammable/Combustible Liquids *(check only one):*

(To install, alter, remove, or abandon a tank storing flammable/combustible liquids)

- Level 1: $>$ Permit amount & ≤ 500 gallons
- Level 2: > 500 gallons $\leq 1,000$ gallons
- Level 3: $> 1,000$ gallons

Hazardous Materials *(check only one):*

- Level 1: $>$ Permit amount of 1 to 5 materials
- Level 2: $>$ Permit amount of 6 to 10 materials
- Level 3: $>$ Permit amount of more than 10 materials

High Piled Storage *(check only one):*

- Level 1: $>$ Permit amount to 2,500 sf
- Level 2: $> 2,500$ sf to 12,000 sf
- Level 3: $> 12,000$ sf

Smoke Control Systems *(check only one):*

- Level 1: Modify Existing
- Level 2: Prescriptive System
- Level 3: Performance-Based Design

I understand that all applicable codes apply. Errors and/or omissions on the plans and corrections from field inspections are the responsibility of the owner/contractor. All work is subject to compliance with City of Redmond ordinances and laws of the State of Washington.

APPLICANT NAME

SIGNATURE



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