

Flammable/Combustible Liquid Tank Installations—Underground

Please print in black ink only.

Scope

This checklist pertains to the design and construction of facilities and equipment where flammable and combustible liquids are stored in underground tanks or vessels.

Minimum Requirements for Construction Drawings

Plans which do not contain the minimum information required will not be accepted for plan check. Plans shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show that it will conform to the provisions of the adopted International Codes and ordinances.

- Three (3) copies of plans (24" × 36", or 30" × 42") must be submitted for review.
- Copies shall **all** be the same size.
- Working Drawings -scale to 1/8" = 1'.
- Shall be drawn in indelible ink.
- Sheets that are cut and pasted, taped, or that have been altered by any means (pen, pencil, marking pen, etc.) **will not** be accepted for plan check.
- Site Plans – scale to 1" = 20' or 1" = 40'
- Washington State law requires that any registered professional who prepares or supervises the preparation of drawings and construction documents stamp and sign such documents.

PROJECT NAME

General

Yes No

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Owner's name, address, telephone and fax numbers. |
| <input type="checkbox"/> | <input type="checkbox"/> | Occupant's name, address, telephone number, if different from owner. |
| <input type="checkbox"/> | <input type="checkbox"/> | Contractor's name, address, fax number, telephone number and Washington State Contractor's license number. |

Documentation—One Set

Yes No

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|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Manufacturer's product literature for tanks, piping, valves, fittings, flexible joints and related components. |
| <input type="checkbox"/> | <input type="checkbox"/> | Engineering verification of component compatibility with stored products. |
| <input type="checkbox"/> | <input type="checkbox"/> | Individual and aggregate tank or vessel capacities in gallons. |
| <input type="checkbox"/> | <input type="checkbox"/> | Environmental agency and zoning authority to install. |
| <input type="checkbox"/> | <input type="checkbox"/> | Description of method used to limit fuel delivery at unattended fueling operations. |
| <input type="checkbox"/> | <input type="checkbox"/> | Sample warning sign for unattended fueling operations or marine fueling facilities. |
| <input type="checkbox"/> | <input type="checkbox"/> | Make, model, type and rating of leak-detection devices. |
| <input type="checkbox"/> | <input type="checkbox"/> | Make, model, type and rating of vapor balance, recovery or processing equipment. |

Working Drawings

Yes No

- | | | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | To scale, topographical site plan showing the location of property lines, buildings and building openings, roads and parking lots, fire hydrant and water supply systems, underground tanks, security fences, piping, valves, fittings and related equipment. |
| <input type="checkbox"/> | <input type="checkbox"/> | Method to achieve vehicle impact protection for piping, valves or fittings. |
| <input type="checkbox"/> | <input type="checkbox"/> | The design, specifications and locations for product transfer piping (fill and withdrawal, valves and fittings). |
| <input type="checkbox"/> | <input type="checkbox"/> | The location, design, type and construction of manual gauging openings. |
| <input type="checkbox"/> | <input type="checkbox"/> | The location and classification of electrical equipment and method to achieve grounding and bonding. |
| <input type="checkbox"/> | <input type="checkbox"/> | The location of emergency shutdown devices for product transfer. |
| <input type="checkbox"/> | <input type="checkbox"/> | The location, design and specifications of vent pipes, flame arresters and equipment. |
| <input type="checkbox"/> | <input type="checkbox"/> | The location and type of flexible joints, shear joints and emergency impact valves. |
| <input type="checkbox"/> | <input type="checkbox"/> | Detailed design of vent pipe manifolds when used for vapor recovery, vapor conservation or air pollution control. |
| <input type="checkbox"/> | <input type="checkbox"/> | Method to protect tank and piping from physical damage, corrosion or external stresses. |
| <input type="checkbox"/> | <input type="checkbox"/> | Method to achieve overfill prevention, spill containment, secondary containment and drainage control. |
| <input type="checkbox"/> | <input type="checkbox"/> | The location and rating of the protection equipment, especially portable fire extinguishers. |
| <input type="checkbox"/> | <input type="checkbox"/> | The location and design of dispensers and vapor balance, recovery of processing equipment. |

For Indoor Dispensing

Yes No

- | | | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | Method to interlock mechanical ventilation and fuel dispensers. |
| <input type="checkbox"/> | <input type="checkbox"/> | Make, model and rating of exhaust systems for indoor ventilation. |
| <input type="checkbox"/> | <input type="checkbox"/> | Method to provide fire resistance for indoor fuel and vent pipes. |

PLEASE READ THE INFORMATION BELOW AND SIGN BEFORE SUBMITTING YOUR APPLICATION

Your application shall be deemed complete only if this checklist is completed and submitted along with the submittal package. Submittals not accompanied by a checklist will not be accepted. Accuracy of the submittal package, including this checklist, is the responsibility of the applicant. Failure to submit an accurate submittal package will be considered an incomplete application by the Plan Reviewer. An incomplete submittal will result in a HOLD. A Re-submittal (new submittal package) will be required and always results in a delay.

I have checked the applicable boxes and have included those requirements in my submittal.

Print Name

Signature

Date