Flammable/Combustible Liquid Use, Dispensing and Mixing Rooms

Please print in Black ink only

Scope
This checklist pertains to the design and construction of facilities where flammable and combustible liquids are mixed, used or dispensed in quantities exceeding the exempt amounts.

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" x 36", or 30" x 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

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<tr>
<th>Yes</th>
<th>No</th>
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<tr>
<td>Owner’s name, address, telephone and fax numbers.</td>
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<td>Project location, including street address.</td>
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<td>Occupant’s name, address, telephone number, if different from owner.</td>
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<td>Contractor’s name, address, fax number, telephone number and Washington State Contractor’s license number.</td>
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Documentation One Set

<table>
<thead>
<tr>
<th>Yes</th>
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<td>Type of construction and occupancy classification of building.</td>
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<td>Description and quantity of material(s) to be used, mixed or dispensed, including container size, type and whether in open use or closed piping system.</td>
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<td>Completed Fire Department Hazardous Materials Inventory Statement.</td>
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<td>Fire sprinkler system design density.</td>
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<td>Calculations to establish adequacy of drainage control and/or secondary containment systems.</td>
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Documentation (cont.)

- Explosion control design method and calculations.
- Make, model, type and rating of leak-detection devices used in conjunction with secondary containment systems.

Working Drawings

Site/Room Design

Yes  No

- Site plan scale to 1" = 20' or 1" = 40', floor plan and full height cross section of building and use, dispensing or mixing room.
- Floor plan detail showing specific location where use, dispensing or mixing will occur and area/occupancy separations, aisles, floor openings and exits.
- Make, model, type and rating of ventilation equipment for room.
- Design and installation details of fire extinguishing system.
- Location and rating of portable fire protection equipment, including fire extinguishers.

Spill Control/Drainage Control/Secondary Containment

(See explanation below)

Yes  No

- Floor plan and section of method to achieve spill control.
- Floor plan and section of method to achieve spill control and secondary containment.
- Detailed design of drains, pipe, fittings and collection method of drainage control.
- Design and method to achieve neutralization or treatment.
- Design and method to achieve secondary containment.
- Design and location of overflow from neutralizer or treatment system or secondary containment.

Product Transfer

Yes  No

- Method to achieve bonding and grounding of vessels within the room.
- Description, make model, type and rating of any heating or electrical equipment within the room.
- Location, material, type of piping, joints, fittings and pumps used in the room.
- Method to provide overpressure relief of positive displacement pumps.

Note:

**Spill Control**
- Spill control in flammable liquid use, dispensing and mixing rooms is to prevent spilled liquids from flowing out of the room.

**Drainage Control**
- Drainage control in flammable liquid use, dispensing and mixing rooms is achieved by piping spilled liquids and fire protection water to an approved location or treatment system with overflow protection, or by providing secondary containment.

**Secondary Containment**
- Secondary containment in flammable liquid use, dispensing and mixing rooms is achieved by piping spilled liquids and fire protection water to an approved location or containment system, or by sizing the spill control to provide adequate containment and is provided with overflow protection.
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