Cryogenic Fluid Storage and Handling

Scope
This checklist pertains to the design and construction of facilities and equipment where flammable, oxidizing, hazardous or inert fluids having a normal boiling point below 150ºF are stored or used.

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.

Documentation

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>Project Name</th>
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<tbody>
<tr>
<td></td>
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<td>Name, address and telephone number of owner.</td>
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<td>Name, address and telephone number of occupant, if different from owner.</td>
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<td>Name, address, telephone number and contractor's license number.</td>
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<td>Three copies of construction drawings – scale 1/8” = 1’</td>
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<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>Type of construction and occupancy classification of building.</th>
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<td></td>
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<td>Description of material to be stored, handled or transported.</td>
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<td>Location, size and number of containers in storage, reserve supply and use.</td>
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<td>Completed Fire Department Chemical Inventory.</td>
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<td>Description and/or manufacturer’s literature on carts or trucks used to move containers.</td>
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Working Drawings

Yes No

- Site plan, floor plan and full height cross section of building.
- Floor plan detail showing specific location where storage or handling will occur.
- For outdoor facilities, a site plan detail showing specific location where storage or handling will occur.
- Location and size of containers, including structural supports.
- Design pressure and maximum operating pressure and test pressure of containers.
- Location, make, model, type, size and setting of safety devices, including vent lines and pressure relief devices.
- Location, size and material of pipe, tube or other product conveying means.
- Design pressure and maximum operating pressure of pressure-relief devices.
- Location of manual and automatic valves, including check valves, excess flow control valves and stop valves.
- Method to protect containers, piping, valves regulating equipment and other accessories from physical damage.

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 Resubmittal (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