

Hazardous Materials Indoor Container Storage

Please print in black ink only.

Scope

This checklist pertains to the design and construction of facilities where containers of hazardous materials in excess of the exempt amounts are stored indoors in industrial, factory, manufacturing, educational or similar uses.

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

Yes No

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Owner's name, address, telephone number. |
| <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

- | | | |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Type of construction and occupancy classification of building. |
| <input type="checkbox"/> | <input type="checkbox"/> | Description and quantity of material to be stored, including container size and type. |
| <input type="checkbox"/> | <input type="checkbox"/> | Completed Fire Department Chemical Inventory Material, Safety Data Sheets (MSDS) and Hazardous Materials Management Plan (HMMP). |
| <input type="checkbox"/> | <input type="checkbox"/> | Fire sprinkler system design and installation details. |
| <input type="checkbox"/> | <input type="checkbox"/> | Design and sample hazardous materials warning signs. |
| <input type="checkbox"/> | <input type="checkbox"/> | Sample storage plan showing arrangement, location and dimensions of aisles. |
| <input type="checkbox"/> | <input type="checkbox"/> | Design and construction details on carts and powered industrial trucks used for product handling. |

Working Drawings

Yes No

- Site plan scale 1" = 20' or 1" = 40', floor plan and full height cross section of building, including smoke venting.
- Floor plan detail showing specific location where storage or handling will occur and area/occupancy separations, control areas, aisles, storerooms, floor openings, exits and heating, ventilation and air conditioning systems.
- Location, area, height, detailed design and seismic analysis of shelves or racks.
- Method used to achieve spill control, drainage control and secondary containment, and its termination point.
- Design and installation details of overflow protection from secondary containment.
- Location and rating of portable fire protection equipment, including fire extinguishers.
- Detailed designs and location of hazardous materials storage or gas cabinets.
- Location, make, model and type of leak detection or monitoring equipment.
- Detailed designs and equipment to provide continuous mechanical or natural ventilations, including interlocks, emergency and manual overrides.
- Make, model and classification of electrical wiring and equipment.
- Method to protect materials from static electricity, light and shock.
- Method(s) to separate incompatible hazardous materials.
- Method and detailed engineering calculations to provide explosion control.
- Make, model, type and rating of standby power equipment, including operational sequence and wiring diagram.
- Make, model, type, rating and capacity of liquid limit level, pressure and temperature limit control.

- Make, model, type and design of emergency alarm and fire detection systems.
- Make, model, method and design of gas storage, treatment and detection systems.
- Make, model, method and design of exhaust scrubber systems.

Note:

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

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 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

Date