

High-Piled Combustible Storage Warehouses IFC Permit Application Requirements

Fees: The fees listed are valid through December 31, 2012. Next fee adjustment will be effective January 1, 2013.

Fees shall not be applied when this review is part of a Building Permit.

International Fire Code Permit Fee for High-Pile Storage: \$442

The following information is required to be submitted.

The shaded area indicates the minimum information required for permit application acceptance by the City of Woodinville Permit Center. Final approval of permit will require that all information be provided, as applicable.

- A complete application.
- 3 sets of site plan with fire apparatus access roads and fire hydrant systems, floor plan and full height cross section of building.
- Detailed description and quantity of commodities to be stored, including:
 - a) container contents and packaging material,
 - b) percent by weight and volume of Group A expanded and unexpanded plastics within the storage array, if applicable,
 - c) banding, encapsulation, and/or, other storage technique.
- Floor plan (to scale) detail showing location and dimensions of high-piled storage areas with commodities (by class), area/occupancy separation walls, accessory use areas, exits, fire fighting access doors.
- Design and installation details of automatic fire detection or suppression systems, as applicable.
- Sprinkler system density, design area, and head temperature.

For permit approval show the following:

- Manufacturer's information and listings on powered industrial trucks used for product handling.
- Description on the type, size and construction of pallets or other product stacking devices, if applicable.
- Seismic analysis of single, double or multiple-row racks, if applicable.
- Declaration of public accessible or non-public accessible storage areas.
- Evacuation plan for public accessible storage.
- Useable storage height for each storage area.

- Design and arrangement of single, double or multiple-row racks, if applicable.
- Number of tiers within each rack and whether solid or open deck, if applicable.
- Clearance between top of commodity and sprinkler deflectors for each storage array, and ceiling height.
- Aisle dimensions between racks and each storage array, where applicable.
- Maximum pile volume for each storage array.
- Location of commodities, which are banded or encapsulated.
- Location and dimensions of bin box or shelf storage, if applicable.
- Location of required fire department access doors.
- Location of valves controlling the water supply of ceiling and in-rack sprinklers, as applicable.
- Location of small hose stations and type and rating of portable fire extinguishers, as applicable.
- Type, location, dimensions and construction of smoke-removal and curtain board systems.
- Dimension and location of transverse and longitudinal flue spaces, if applicable.
- Design and location of NO SMOKING signs.
- Design shall be in accordance with IFC Chapter 23 and other applicable NFPA standards.