



High Piled Storage Submittal Checklist



Electronic Plan Standards

File Naming Standards:

Electronic plans and documents shall be named as specified in **bold type** under "Permitting Requirements". For example, the seating plan must be named **"Seating Plan"**.

Acceptable File Types:

Plans, calculations, specifications and supporting documents shall be uploaded as a PDF file.

Plan Sheet Standards:

All plans shall be drawn to scale, as identified in the checklist, and each sheet shall state the scale.

Document Orientation:

All **plans** must be uploaded in **"Landscape"** format in the horizontal position. All other documents can be in "Portrait" format.

PROJECT INFO

Site address: _____ Associated Permits: _____
Project name/Tenant: _____ Property Owner: _____

PERMITTING REQUIREMENTS

An IFC Fire Installation Permit is required to use a building or space for the following:

1. Storage of combustible materials in closely packed piles or;
2. Combustible materials on pallets, in racks, or on shelves where the top of the storage is greater than 12 feet in height;
3. High hazard commodities such as rubber tires, group A plastics, flammable liquids, idle pallets, and similar commodities, where the top of storage is greater than six feet.
4. **The following information is required at time of application for the Fire Installation Permit:**

- Completed **"Fire Installation Permit Application"**
- Completed **"High Piled Storage Submittal Checklist"**. Check all checkboxes that are applicable to your project.
- Plans**
- Completed **"High Piled Storage Questionnaire"**

PLANS

The following is a list of information required on all plan submittals for review of a **High Piled storage installation**. The plan shall be drawn to 1/8"= 1'-0" minimum scale. The applicant is required to submit all of this information so an accurate and timely review may be done:

- Floor plan of the building showing locations and dimensions of high-piled storage areas
- Usable storage height for each storage area
- Number of tiers within each rack, if applicable
- Commodity clearance between top of storage and the sprinkler deflector for each storage arrangement
- Aisle dimensions between each storage array
- Maximum pile volume for each storage array

PLANS (CONTINUED)

- Location and classification of commodities in accordance with Section 2303
- Location of commodities which are banded or encapsulated
- Location of required fire department access doors
- Type of fire-suppression and fire-detection systems
- Location of valves controlling the water supply of ceiling and in-rack sprinklers
- Type, location and specifications of smoke-removal and curtain board systems
- Dimension and location of traverse and longitudinal flue spaces