

**HIGH-PILED COMBUSTIBLE STORAGE**

PLACE THE FOLLOWING VERBATIM ON THE PLAN:

- The area designated in the building and used for high piled storage is \_\_\_\_\_ square feet.  
CLASS \_\_\_\_\_ commodity, \_\_\_\_\_ square feet  
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- Commodity classification:
  - Class I     Class II     Class III     Class IV     High Hazard     Group A Plastics
  - Cartoned     Free flowing     Non-expanding     Encapsulated     Non-encapsulated
- The following storage methods are to be used :
  - Solid Pile Storage     Palletized     Single Row Rack     Double Row Rack     Multi-row Rack     Other
- The maximum permitted storage height:
  - Solid Pile Storage \_\_\_\_\_     Rack Storage \_\_\_\_\_
- Rack storage shelf:
  - N/A     Wire Mesh     Wood Slates     Plywood     Load Beam Only     Other (Describe) \_\_\_\_\_
- Minimum distance between top of storage and sprinkler: \_\_\_\_\_
- Smoke vents required:
  - Yes     No

**Operation of smoke vents (if applicable)**

  - Manual
  - Automatic via fusible link. The fusible link releases at \_\_\_\_\_ °F.  
(Please note that new installations require manual and automatic release)
  - Inspection report shall indicate which vents were tested
- Draft curtains required?
  - Yes     No
- Overhead fire sprinkler heads:
  - ESFR:** K \_\_\_\_\_ at PSI with \_\_\_\_\_ °F
  - Standard Coverage Heads:**
    - K Factor** \_\_\_\_\_
    - Pendant**
    - Upright**
    - \_\_\_\_\_ degree with a density of \_\_\_\_\_ gpm over \_\_\_\_\_ square feet spaced at a maximum of \_\_\_\_\_ square feet per fire sprinkler.
- The fire sprinkler system density and area of application for the storage area is \_\_\_\_\_ gpm over \_\_\_\_\_ square feet.
- In-rack sprinklers required:
  - Yes     No
  - There is/are \_\_\_\_\_ level(s) of in-rack fire sprinkler protection.
- The aisles between the racks shall be maintained at \_\_\_\_\_ feet.
- Fire doors required:
  - Yes     No
- Flue spaces required:
  - Yes     No
- Flue space between racks shall be maintained at a minimum of:
  - Longitudinal** \_\_\_\_\_" clear
  - Transverse** \_\_\_\_\_" clear
  - Transverse flue spaces to be vertically aligned for storage greater than 25 feet.**
- Column protection required:
  - Yes     No
- Pallet stops required:
  - Yes     No (Provide justification)

**Longitudinal pallet stop configuration:**

  - Chain link     Roll form     "C" Channel     Other

**Transverse flue space pallet stop configuration:**

  - Mechanical means (i.e. flue keepers, etc)     Load beam markings "Keep Clear"
- Hazardous materials stored in the high-piled storage area?
  - Yes (Hazardous material plan submitted)     No

Commodity description (include packaging materials, if applicable):

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