



High-Piled/Rack and Combustible Storage

Complete a separate form for each storage array.

FIR# _____

- Drawing number and location on plan: _____ BLD# _____
- Product and packaging description: _____
- Proposed Commodity Classification: _____
- NFPA Sections used: _____

Building Fire Sprinklered

Yes No (If yes, provide system design information) Approx. date system installed: _____

Fire Sprinkler Spacing (ft/2): _____ Design Density (gpm): _____ Design Area (ft/2): _____

ESFR: _____ Starting PSI: _____ Number of Sprinkler Flowing: _____

Storage Type/Method

- Solid Piled Palletized Rack Shelf Bin Boxes
- Compartmented Locations addressed and dimensioned on plans Cartoned

Racks

- Single Row Double Row Multiple Row Open Shelve Solid Shelve Movable
- Portable Carousel Horizontal Barriers Column protection required (Supporting walls & inside)
- Carpet. Flu Spacing in Inches: _____ Longitudinal: _____ Transverse: _____

Storage Aids

Pallet Type:

- Wood Plastic Slave Encapsulated Banded

Solid Pile Type:

- Pallet Dunnage Separator Skids Other: _____

Piles

- Closed Array Open Array Stable Unstable

Pile Dimensions: _____ Pile Heights: _____ Pile Separation: _____ft_____in

Rubber Tires

- Misc. Rack Laced On Side On Tread Pyramid
- Portable Rack Dimension: _____

Roof Support

Construction Details: _____

Maximum Storage Height: _____ft. _____in. Deck or Ceiling Height: _____

(If separated with more than one design, address each commodity separately with another sheet).

Height: Minimum Aisle Separation Width: _____

Building Requirements

- Requires Building Access Requires Smoke Heat Vents Draft Curtains Required

Special Designs of Storage Protection

- Plastic Motor Vehicle Component Storage and Display Class I - IV Cartoned Plastics
- Record Storage with Catwalk Access Compact Storage of Records
- High Bay Record Storage of Records

Flammable and Combustible Liquids

Please note: If you have a number of flammable or combustible liquids, a hazardous material inventory may be required.

- _____ Flash Point Combustible Containers Non-Combustible Containers
- IBC Tank Relieving Container Non-Relieving Container
- No. of Gals/Container: _____ Total Gals: _____
- Miscible Non-Miscible % of Concentrate: _____
- Viscous Liquid Storage Cabinets Provide MSDS

Protection of Idle Pallets

- Wood Pallets Plastic Pallets Outdoor Storage On Floor On Racks Above
- Doors Height of Storage: _____

Aerosols

Aerosols % of Level 1: _____ % of Level 2: _____ % of Level 3: _____
Total Number of Aerosols: _____ % of Total Storage is Aerosols: _____

Miscellaneous

Plastics % of Plastics by Volume: _____ Rubber Paper
 Expanded Plastic Unexpanded Plastic Stable Free Flowing