HIGH-PILED/RACK COMBUSTIBLE STORAGE (Reference CFC Chapter 23)

Complete a separate form for each storage array

Location:_____.

*Commodity & Packaging Description:_____

_____ Class:_____, *Plastics Group: _____, ☐ Mixed, ☐ Separated.

Storage Type/Method: ☐ Solid Piled _____%, ☐ Palletized _____%, ☐ Rack _____% ☐Shelf:_____%, ☐ Bin Boxes:_____%, ☐ Compartmented. ☐ Locations addressed and dimensioned on plans.

Rack: ☐ Single Row, ☐ Double Row, ☐ Multiple Row, ☐ Open Shelve, ☐ Solid Shelve, ☐Movable, ☐ Portable, ☐ Carousel, ☐ Carpet. Flu Spacing in Inches: Longitudinal: _____ Transverse: _____. ☐Horizontal Barriers. ☐ Column protection required (supporting walls and inside).

Storage Aids: ☐ Pallet, Type: ☐ Conventional, ☐ Slave, ☐Wood, ☐ Plastic, ☐ Encapsulated, ☐ Banded, ☐ Solid Pile, Type: ☐ Pallet, ☐ Dunnage, ☐ Separator, ☐Skids, ☐ Other: _____

Pile: ☐Closed Array, ☐ Open Array, ☐ Stable, ☐ Unstable. Pile Dimensions: _____, Pile Height/s _____, Pile Separation: _____ ft. _____ in, (Ref. IFC 2603.9)

Tire: ☐ Miscellaneous, ☐ Rack, ☐ Banded, ☐ On Side, ☐ On Tread, ☐Palletized, ☐ Pyramid.

Paper: ☐ Records, ☐ Role: ☐ On-end, ☐ Flat. **Array/s:** ☐ Closed, ☐Open, ☐ Standard. ☐ Heavyweight, ☐ Lightweight, ☐Tissue, ☐ Banded. Other: _____.

Roof/Support: Construction Details:_____.

Maximum Available Storage Height: _____ft. _____in., Storage Height _____. ☐ Smoke/Heat Vents, ☐ Draft Curtains, Available (If separated w/more than one design, address each commodity separately with another sheet). Minimum Aisle Width:_____. ☐ Modified densities for storage height. ☐ Incorporating ESFR's. Aggregate Area (ft/2) of High Piled Storage +15'-0" or 1-hour walls:_____ft/2. Opening/s in separation walls: ☐ Yes, ☐ No, ☐* w/Protected Openings:_____.

ADDITIONAL CLARIFICATIONS AND INFORMATION

***Identified Obstructed Construction must be identified and addressed with details on the plans.

*Miscellaneous (Ref. NFPA 13:3.3.15) storage must have commodities classified.

***"Plastics" must be fully identified (Ref. NFPA 13:12.2.3.1, 12.3.3).

***"Protected" openings, shall be described, (rated fire door, with hold opens, self closing, verified water curtain, etc.)

*"Special" designs must be addressed fully. (Ref. NFPA 13:12.7)

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