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Combustible Storage Questionnaire

Project Name _____ Permit# _____

Project Address _____

Combustible and/or high-piled storage shall comply with but not limited to the following requirements: the Virginia Construction Code (Sections 413, 907.2.15, 910.2.2) the Virginia Statewide Fire Protection Code (Chapter 32, 5104.3) and (NFPA-13 2010)

Submit this completed form and 3 sets of plans indicating the following information:

1. Scaled floor plans showing rack or storage area layout with dimensions, including racks and aisles. Show the location of all fire rated walls and type of rating, exit signs, and fire extinguishers.
2. Square footage of the storage area, including the aisles between racks. _____ sq. ft.
3. Ceiling height over the storage area. _____ ft.
4. Maximum height of storage. _____ ft.
5. Type of commodities to be stored. _____
6. Classification of commodities. _____
7. How commodities are to be stored:

Encapsulated or Non-encapsulated

Solid pallets or Open pallets

Wood pallets or Plastic pallets

Solid shelving or Grated shelving or gnivlehs detals [†]

Open array or Closed array

Other _____

8. Fire sprinkler system design calculations.
Density _____ gpm per sq. ft. Area of design _____ sq. ft.
9. Temperature rating of the ceiling fire sprinklers.
165° - 212° - 286°
10. Location of all EXIT and access doors.
11. ESFR system?

NOTE: Items 12 through 14 are required when high-piled storage exceeds 12,000 square feet of area of Class I to IV commodities or over 2,500 square feet of High-Hazard commodities (plastics, hazardous materials, tires, etc).

12. Location of all smoke and heat vents per VSFPC Table 3206.2. (Indicate model # & include a cut sheet. All smoke/heat vents must be equipped with an approved exterior release).
13. Location of all draft/curtain boards per VSFPC T3206.2. (Indicate depth of board on plans).
14. Location of fire hose outlets. (3206.8)

NOTE: *Engineering required for rack systems over 6' in height.