
City of Manteca - Fire Department

HIGH-PILED COMBUSITIBLE STORAGE

Fire Department Questionnaire

Project Name _____ Permit# _____

Project Address _____

High-piled combustible storage shall comply with the requirements of the 2007 California Fire Code Chapter 23 and NFPA 13 (2002 Edition).

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 ¹ Slated shelving

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. (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. (Indicate depth of board on plans).

14. Location of fire hose outlets.

NOTE: Approval of seismic engineering from Building Department must be provided prior to Fire Department final approval. (Required if racks are over 6 feet high).

APPROVED:

DATE: 7/1/08

DEVELOPED BY: RWS