



Menlo Park Fire Protection District Fire Prevention Bureau

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GUIDELINES FOR HIGH PILED STORAGE PLAN REVIEW

SCOPE: This guideline of the Menlo Park Fire Protection District is to help the applicant understand how the requirements are applied to High Piled storage projects submitted for review.

The following are the minimum requirements for submission of application for storage of High Piled Storage (12) feet or more in a fire sprinklered building or storage (6 feet or more in a non fire sprinklered building.)

1. The applicant shall provide a scaled floor plan at least 1/8 "equals a foot.
2. The applicant shall indicate the useable storage height and the ceiling height.
3. Provide the number of tiers per rack and shelving type.
4. The applicant shall provide the class commodity to be stored and location of different class of storage if indicated for fire protection or other storage reasons.
5. Provide aisle dimensions.
6. Provide clearance between storage and shelving.
7. If storage is piled, provide maximum volume in square feet.
8. Commodity shall be classified using section 2303 of the fire code or NFPA standard 231.
9. Indicate location of banded or encapsulated commodities.
10. Location of fire department access doors.
11. Location of any fire sprinkler control valves for racks.
12. Location of smoke removal and curtain boards.
13. Provide the density and head temperature of the ceiling fire sprinkler system.
14. Provide type of pallets being used.
15. If storage exceeds 500 square feet in a non-sprinklered building. The applicant shall install a Central Station monitored smoke detection system and provide items 1-14 as they apply to your project.