

1.4. Automatic Sprinkler Systems

1.4.19. Bin Box Storage

Storage in five-sided wood, metal, or cardboard boxes with open face on the aisles. Boxes are self-supporting or supported by a structure so designed that little or no horizontal or vertical space exists around boxes.

1.4.20. Clearance

The distance from the top of storage to the ceiling sprinkler deflectors.

1.4.21. Encapsulation

A method of packaging consisting of a plastic sheet completely enclosing the sides and top of a pallet load containing a combustible commodity or a combustible package or a group of combustible commodities or combustible packages. Combustible commodities individually wrapped in plastic sheeting and stored exposed in a pallet load also are to be considered encapsulated.

1.4.22. Expanded (Foamed or Cellular) Plastics

Those plastics, the density of which is reduced by the presence of numerous small cavities (cells), interconnecting or not, dispersed throughout their mass.

1.4.23. Exposed Group A Plastics

Those plastics not in packaging or coverings that absorb water or otherwise appreciably retard the burning hazard of the commodity. (Paper wrapped or encapsulated, or both, should be considered exposed.)

1.4.24. Palletized Storage

Storage of commodities on pallets or other storage aids that form horizontal spaces between tiers of storage.

1.4.25. Shelf Storage

Storage on structures less than 30 in. (76.2 cm) deep with shelves usually 2 ft. (0.6 m) apart vertically and separated by approximately 30-in. (76.2-cm) aisles.

1.4.26. Rack

Any combination of vertical, horizontal, and diagonal members that supports stored materials. Some rack structures use solid shelves. Racks can be fixed, portable, or movable. Loading can be either manual, using lift trucks, stacker cranes, or hand placement or automatic, using machine-controlled storage and retrieval systems.

1.4.27. Double Row Racks

Two single-row racks placed back-to-back having a combined width up to 3.7 m, with aisles at least 1.1 m on each side.

1.4.28. Single Row Racks

Racks that have no longitudinal flue space and that have a width up to 1.8 m with aisles at least 1.1 m from other storage.