

2.4. Indoor Storage of Liquids in Containers

- 2.4.1.** The storage of Flammable and Combustible Liquids in containers, at indoor locations (In Rooms) shall comply with the **Table 13.1. General Requirements** and **Table 13.2. Indoor Storage of Liquids in Containers**.
- 2.4.2.** The containers referred for storage of Flammable and Combustible Liquids in this section apply to 4 distinct size limitations.
- Drums and other containers that do not exceed 119 Gallons. (450 L) capacity.
 - Portable tank that do not exceed 660 Gallons. (2500 L) capacity.
 - Intermediate Bulk Containers that do not exceed 793 Gallons (3000 L) capacity.
 - Overpack drums used for temporary containment of containers not exceeding 60 Gallons (230 L) capacity.
- 2.4.3.** **Table 13.2.** shall not apply to
- Containers, intermediate bulk containers and portable tanks that are used in operations.
 - Liquids in the fuel tanks of motor vehicles, aircraft, boats or portable and stationary engines
 - Beverages where packaged in individual containers that do not exceed 1.3 Gal. (5L) capacity.
 - Liquids that have no fire point.
 - Medicines, food stuffs, cosmetics and consumer products that contain not more than 50% by volume of water miscible flammable or combustible liquids and packaged in individual containers that do not exceed 1.3 Gal. (5L) capacity.
 - Liquids with flashpoint greater than 95°F (35°C) in a water-miscible solution or water-miscible dispersion with a water and noncombustible solids content of more than 80% by weight
 - Distilled spirits and wines in wooden barrels or casks.

Table 13.2.: Indoor Storage of Liquids in Containers

ITEM	REQUIREMENTS
1. GENERAL	<ol style="list-style-type: none"> Unstable liquids shall be treated as Class IA liquids. flammable liquids shall not be permitted in basements, unless in compliance with MAQ as per Table 13.2.6. and Table 13.2.7. Wood of at least 25 mm nominal thickness shall be permitted to be used for shelving, racks, dunnage, scuff boards, floor overlay and similar installations. Where storage on racks exists, a minimum 1.2 m wide aisle shall be provided between adjacent rack sections and any adjacent storage of liquids. Main aisles shall be a minimum of 2.4 m. Solid pile and palletized storage in liquid warehouses shall be arranged so that piles are separated from each other by at least 1.2 m. Aisles shall be provided and arranged so that no container or portable tank is more than 6 m from an aisle. Main aisles shall be a minimum of 2.4 m. Limited quantities of combustible commodities, shall be permitted to be stored in liquid storage areas if the ordinary combustibles, other than those used for packaging the liquids, are separated from the liquids in storage by a minimum of 2.4 m horizontally, either by aisles or by open racks, if area is sprinklered. Storage of empty or idle combustible pallets inside an unprotected liquid storage area shall be limited to a maximum pile size of 230 m² and to a maximum storage height of 1.8 m. Containers or portable tanks in unprotected liquid storage areas shall not be stored closer than 1 m to the nearest beam, chord, girder, or other roof member.