

2.3. General Requirements for Flammable and Combustible Liquid Storage

- 2.3.1.** The general requirements for storage of Flammable and Combustible Liquids shall comply with **Table 13.1**. These requirements shall apply to all the flammable and combustible liquids storage, usage, handling and dispensing, and shall be complied along with requirements of all the following sections of this chapter.

Table 13.1: General Requirements for Flammable and Combustible Liquid Storage

ITEM	REQUIREMENTS
1. CONTROL OF IGNITION SOURCE	<ul style="list-style-type: none"> i. Precautions shall be taken to prevent the ignition of flammable vapors from sources such as the following <ul style="list-style-type: none"> a. Open flames b. Lightning c. Hot surfaces d. Radiant heat e. Smoking f. Cutting and welding g. Spontaneous ignition h. Frictional heat or sparks i. Static electricity j. Electrical sparks k. Stray currents l. Ovens, furnaces, and heating equipment m. Hot Work
2. GENERAL	<ul style="list-style-type: none"> i. Inside liquid storage rooms shall not exceed 46 m². ii. Class I liquids shall not be permitted in basement areas. iii. The storage of any liquids shall not physically obstruct means of egress. iv. Wood at least 25 mm nominal thickness shall be permitted to be used for shelving, racks, dunnage, scuffboards, floor overlay, and similar installations. v. Where storage is on racks, 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 wide. vi. 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 wide.
3. WARNING SIGNS	<ul style="list-style-type: none"> i. Adequate Warning Signs shall be provided where flammable and combustible liquids are stored, used, handled or dispensed, such as "NO SMOKING", "FLAMMABLE LIQUID, KEEP AWAY", "NO OPEN FLAMES" etc.



Danger
Flammable liquid

**No smoking
No
naked lights**

