

3.5. Safe Storage and Handling Practices

3.5.1. Safe Storage and handling Practices shall be followed by all the contractors and suppliers as required by **Table 12.5.**

Table 12.5.: Safe Storage and Handling Practices

ITEMS	REQUIREMENTS
1. FLAMMABLE AND COMBUSTIBLE LIQUIDS/ GASES	<p><u>1. STORAGE</u></p> <ul style="list-style-type: none"> i. The following requirements shall apply to storage areas for flammable and combustible liquids and flammable gases ii. Storage areas shall be kept free of weeds and extraneous combustible material. iii. Open flames and smoking shall be prohibited in storage areas. iv. Storage of Class I and Class II liquids shall not exceed 227 L (60 gal) within 15 m of the structure. v. Storage areas shall be kept free of weeds, debris, and combustible materials not necessary to the storage. vi. Open flames and smoking shall not be permitted in flammable and combustible liquids storage areas. vii. Such storage areas shall be appropriately posted as “No Smoking” areas. viii. Tanks and containers shall be marked with the name of the product and sign, “FLAMMABLE – KEEP FIRE AND FLAME AWAY” ix. Tanks (i.e. containers in excess of 60 gallons) shall also be labeled. “KEEP 50 FEET (15m) FROM BUILDINGS” x. Overnight storage of combustible paints and liquids inside or within 15m of a building shall not exceed 10 gallons, unless stored within an approved flammable liquids storage cabinet in a location approved by building management. <p><u>2. HANDLING</u></p> <ul style="list-style-type: none"> i. At least one portable fire extinguisher (10 pound ABC type or 20-B type) shall be located no less than 3m and no more than 15m from the flammable liquids storage area. ii. Class I and Class II liquids shall be kept in approved safety containers iii. Metal containers for Class I or Class II liquids shall be in accordance with NFPA 30, 30A requirements or shall be of an approved design. Discharge devices shall not cause an internal pressure on the container. Individual containers shall not be interconnected and shall be kept closed when not in use iv. Secondary containment or means of spill control, drainage control and diking shall be required for containers and tanks as approved by the Fire Department and if applicable, local hazardous materials program agency v. Means shall be provided to dispose of leakage and spills promptly and safely. vi. Class I liquids shall be dispensed only where there are no open flames or other sources of ignition within the possible path of vapor travel. vii. Plans for the installation/use of any aboveground storage tank (i.e. container greater than 60 gallons) shall be submitted to the Civil Defence and if applicable, to local hazardous material program agency for review and permit prior to proposed tank arriving at the site.