6. Flammable and Combustible Liquid Storage Material Test Standards and Approvals.

6.1. Acceptable Test Standards and criteria

6.1.1. All the Materials, Systems, Assemblies, wiring, fittings, equipment, Products and Accessories, referred to in this chapter shall be Listed, Approved and Registered by the Civil Defence Material Approval Department.

6.1.2. There is no year of edition mentioned against any test standards. It is the intent of Civil Defence to convey to the customers seeking laboratory tests and the test laboratories to follow the "LATEST EDITION OF THE TEST STANDARD, AS AND WHEN THEY ARE UPGRADED/REVISED/AMENDED, TO THE DATE."

6.1.3. Storage Cabinets

i. NFPA 251, Standard Methods of Tests of Fire Endurance of Building Construction and Materials

6.1.4. Atmospheric Tanks

i. API Specification 12B, Bolted Tanks for Storage of Production Liquids
ii. API Specification 12D, Field welded Tanks for Storage of Production Liquids
iii. API Specification 12F, Shop welded Tanks for Storage of Production Liquids
iv. API Specification 650, Welded steel tanks for oil storage
v. UL 58, Standard for Steel Underground Tanks for Flammable and Combustible Liquids
vi. ANSI/UL 80, Standard for Steel Tanks for Oil-burner fuels and other combustible liquids
vii. ANSI/UL 142, Standard for Steel Aboveground Tanks for Flammable and Combustible Liquids
viii. UL 1316, Standard for Glass-Fiber Reinforced Plastic Underground Storage tanks for Petroleum products, Alcohol, and Alcohol-Gasoline Mixture.
ix. ANSI/UL 1746, Standard for External Corrosion Protection Systems for steel Underground Storage Tanks
x. ANSI/UL 2080, Standard for Fire Resistant Tanks for Flammable and combustible liquids
xi. ANSI/UL 2085, Standard for protected Aboveground Tanks for Flammable and combustible liquids
xii. BS EN 14015, Specification for the design and manufacture of site built, vertical, cylindrical, flat-bottomed, above ground, welded, steel tanks for the storage of liquids at ambient temperature and above.