

Flammability Test Apparatus (III)



The Flame-retardant characteristics of electric cables depends upon, raw material used during manufacture, design & external circumstances. Several tests have been designed to determine the flammability of the material used in cable or even the fire properties of bunch of cables.

IEC: 60331 Test is for Fire Survival Cables.

IEC: 60332 Part 1 & Part 2 and IS: 10810 Part 53 is Flammability Test Apparatus for single cable.

IEEE: 383 is Type Test of Class IE Electric cables, Field Splices, and Connections for Nuclear Power Generating Stations.

IEC: 60332 Part 3 covers Test on Bunched Cables, conducted in 4x2x1 meter chamber fitted with Ribbon Burner, Flow Meters & Air Flow Controls.