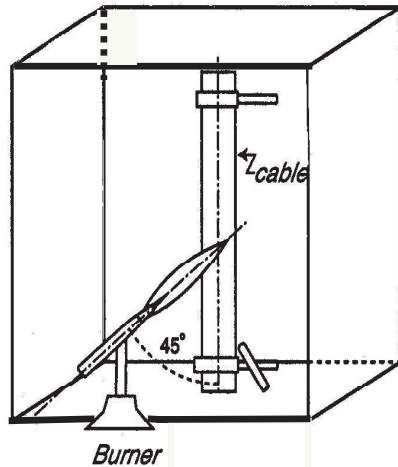


IEC 60332-1 : Test on a single vertical insulated wire or cables.

Scope :

This section describes the flame retardant test method on single vertical.



Condition of test :

Overall diameter of test piece (D) (mm.)	Time for flame application (S)
D ≤ 25	60
25 ≤ D ≤ 50	120
50 ≤ D ≤ 75	240
D 75	480



Test Apparatus :

The test procedure defined in this part shall be carried out using the test apparatus i.e. burner, metallic screen cable support.

Test Procedure :

Fix the 550 mm test piece with the cable support and align it very vertically within a three sided metallic screen. Ignite the burner which is at an angle of 45° to the vertical axis of the sample. The period of time corresponding to the diameter shown in table above.

Evaluation :

When the time is up, the burner shall be ceased, After the test piece is extinguish, the distance from the lower edge of the top support to the onset of charring shall be measured to the nearest millimeter.

The measured distance must not less than 50 mm.