



innovative solutions

Fire Survival Test Apparatus As per IEC60331-11



This instrument is designed to testing cables required to maintain circuit integrity when subject to fire alone where the test conditions is based upon a flame with a controlled heat output corresponding to a temperature of at least 750°C.

The Instrument Consist of

- ✚ Burner : Ribbon Type LPG / propane gas burner. Overall length of the nozzle is 500mm, with width of 15mm. Three rows of stagger holes are drilled on the nozzle. each hole has a diameter of 1.32 mm, and the distance between the hole is 3.2 mm
- ✚ Burner Control: With double variable flow meters (Roto meter). Roto meters range is : 80+/- 5 LPM, gas flow range is : 5+/- 0.25 LPM. Two Pressure Gauges of 0-60psi will be provided to control the input pressure for Air and Gas.
- ✚ Flame Temperature: Adjustable to 750+/- 50°C using the flow control.
- ✚ Temperature Calibration : Two MI thermocouples will be provided to calibrate the flame temperature
- ✚ Three Phase Transformer (up to 1 KV) with individual tripping system for all the three phases, Neutral and Earth.
- ✚ Load bank to indicate the line continuity for three phases, Neutral and Earth



Actual Instrument may differ from one shown in photos due to regular improvement process

S.S. INSTRUMENTS

An ISO 9001:2008 Company

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