

MAJOR EQUIPMENT IN TESTING LABORATORY

- ❖ Lightning Impulse Test Set (Upto 400 kVp) with Oscilloscope
- ❖ HV Power Frequency Test Set 300 kVrms, 100 kVrms and 60 kVrms.
- ❖ 1-Ø 2000 A (AC), 1-Ø 2500 A (AC), 3-Ø 4000A (AC), 1-Ø 10000 A (AC)Temp. Rise Test Set.
- ❖ Dig. Micro-ohm Meter
- ❖ Multichannel Dig. Temp. Indicator and Recorders.
- ❖ Porosity Machine (Hydraulic) for Ceramic Insulators.
- ❖ Heat Cycle Bed (Upto 20mtr.) for Electrical Fittings.
- ❖ Ageing Cycle Test Bed for IPC.
- ❖ Thermo-Mechanical Test Chamber.
- ❖ CT & PT Analyzer for Accuracy Test.
- ❖ Circuit Breaker Analyzer
- ❖ Partial Discharge - RIV Test Setup with Test Chamber.
- ❖ Dust Chamber for IP Test.
- ❖ Digital Power Analyzer.
- ❖ 1000 kN Horizontal Testing Machine with over 11 mtr bed length.
- ❖ 500 kN Universal Testing Machine.
- ❖ 300 kN Tensile Test system with over 8 mtr bed length.
- ❖ Portable Hardness Tester.
- ❖ Impact Testing Machine.
- ❖ Magnetic Particle Inspection Test Setup.
- ❖ Emission Spectrometer for Chemical Analysis.



Lightning Impulse Test Set



Emission Spectrometer



1-Ø 10000 A (AC) Transformer



Circuit Breaker Analyzer



UTM 1000 kN



Thermo-Mechanical Test Chamber



UTM 500 kN



CT & PT Analyzer



HV Power Frequency Test Set