

Test Facilities available at Testing Laboratory

ELECTRICAL TESTING LABORATORY

- Lightning Impulse Voltage test
- High Voltage (Dry/ Wet) test
- Millivolt Drop test
- Temperature Rise test
- Heating Cycle test for fittings
- Electrical Aging test for IPC
- DC Resistance test of Conductor
- Electromechanical & Mechanical load test
- Residual Strength test of Insulators
- Accuracy test (Ratio error & Phase angle error) – CT and PT
- Mechanical Endurance Test of Circuit Breaker
- Thermal Mechanical Performance test
- Type tests of Ceramic/ Glass / Polymer Insulators, Bus Bars, HV Switch / Isolators, CT/PT, VCB Panels, Clamps & Connectors. Fittings, Insulation Piercing Connectors etc.
- Wide test range for Composite Insulators

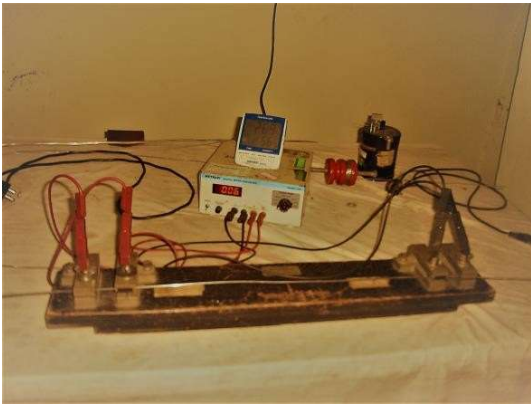
MECHANICAL TESTING LABORATORY

- Tensile & Compressive load
- Stress-Strain Analysis of Conductors
- Ultrasonic test
- Magnetic Particle
- Izod / Charpy Impact
- Type test of Earth Wires, AAC/ ACSR / AAAC Conductors / Hardware Fittings
- Stay/Barbed Wires
- Load Time test of composite Insulators
- Tube/Sheet/Strips/Rod
- Valves / Coupling/Hook
- Chain-pulley block/Rope etc.

CHEMICAL TESTING LABORATORY

- Ferrous / non-ferrous composition (spectrometer method)
- Galvanizing (uniformity and mass of Zn Coating)

Testing Facilities Available as per IS/BS/IEC/ANSI etc.



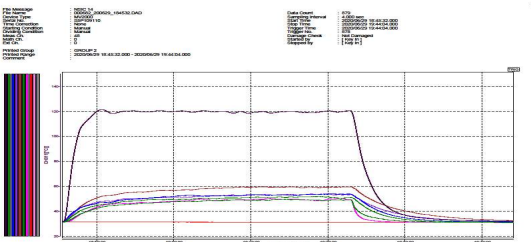
Dc Resistance Measurement



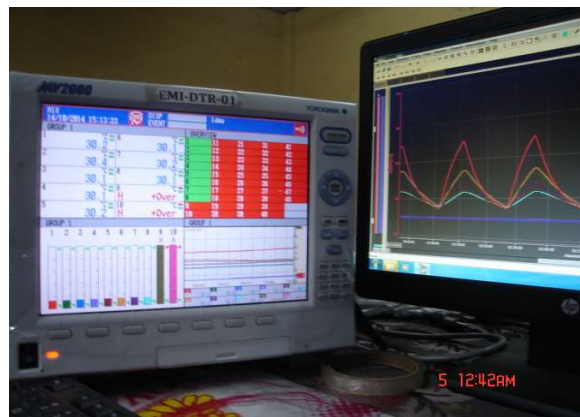
Lightning Impulse Voltage Test



Ageing test of Insulation Piercing Connectors



High Voltage (Wet) Test of Porcelain Insulator



Heat Cycle Test

HV WET TEST



CT Analyzer and PT Analyzer



Thermal Mechanical Performance Test Chamber



CB Analyzer cum Mechanical Endurance Test set