



We are expertise in AIS / GIS Switchyard Equipment testing up to 765 KV.

Power Transformer:

- Voltage Ratio Measurement.
- Turns Ratio Measurement.
- Magnetic Balance Test.
- Open Circuit (Magnetizing Current Measurement)
- Short Circuit Current Measurement.
- Vector Group Verification.
- OLTC Continuity Test.
- 10KV Excitation Current Measurement.
- 10KV Turn Ratio Measurement.
- Winding Resistance Measurement.
- Insulation Resistance / Polarization Index Measurement.
- Sweep Frequency Response Analysis (SFRA)
- Dielectric Frequency Response Analysis(DFRA)
- Capacitance & Dissipation Factor (Tan-Delta) Measurement.
- On Line Partial Discharge Measurement.

Protection Numerical Relays

Testing:

- Testing & Calibration of Protective Relays.
- Programming & Parameterization of Numerical Relays.
- Relay Coordination & Setting Calculations.
- L&T Make ACB Microprocessor Based Relay Testing.

Lightning Arrestor Testing:

- Capacitance & Dissipation Factor (Tan-Delta) Measurement.
- Online Leakage Current Measurement.
- Leakage Current Counter Test.
- Insulation Resistance Measurement.

Isolator Testing:

- Contact Resistance Measurement.
- Insulation Resistance Measurement

Instrumentation

Transformer (CT/PT/VT):

- Ratio Test Measurement (Current/Voltage Method)
- Polarity Test.
- Excitation (Saturation), Test.
- Insulation Resistance Measurement.
- Winding Resistance Test.
- Capacitance & Dissipation Factor (Tan-Delta) Measurement.
- On Line Partial Discharge Measurement.
- AC/DC High Voltage Test upto 220 KV
- VLF High Voltage Test
- VLF Tan Delta & Partial Discharge Measurement.
- Insulation Resistance / Polarization Index Measurement.

Circuit Breaker Testing:

- Dynamic Contact Resistance Measurement with Travel & Velocity Measurement.
- Contact Resistance Measurement.
- Timing Measurement Test.
- Dew Point Measurement for SF6 Circuit Breaker.
- VIDAR Test for Vacuum Interrupter.
- High Voltage Test.
- Insulation Resistance Measurement.

MV/HV Cable Testing:

- AC/DC High Voltage Test upto 220 KV
- VLF High Voltage Test
- VLF Tan Delta & Partial Discharge Measurement.
- Insulation Resistance / Polarization Index Measurement.

Earth Pit Testing:

- Earth Resistance Measurement.