

One Point Solutions

Electrical Services

- Annual Maintenance testing of various types of protection relays
- Testing, Services Overhauling all types of EHV / LV of Circuit Breakers
- Testing, configuration & co-ordination of various types of relays
- Retrofitting and refurbishment of Switchgears and CRPs
- Service, overhauling of transformers up to 100MVA at site
- Rewinding & reconditioning of transformer upto 50MVA at 132KV class
- OLTC services, Hot oil filtration, Oil testing including DGA analysis
- Online, Offline calibration of energy meters
- Service, overhauling and rewinding of HT & LT motors
- Lighting, HVAC and EOT cranes maintenance
- Operation and maintenance, manpower assistance

Electrical - Studies, Analysis & implementations

- Diagnostics and life assessment of electrical equipments
- Condition assessment of Turbo Generators and HT Motors
- Condition assessment of Transformers
- Diagnostics of EHV / HV Cables upto 220KV
- Harmonics studies and analysis
- Electrical Safety Audit, Energy Audit
- Power Quality Audit including study of Transients
- Relay setting calculations through ETAP 12.5
- Lightning protection studies
- Earthing protection
- Illumination studies

Control and Instrumentation

- Maintenance, calibration and troubleshooting of
 - Pressure sensors and transmitters
 - Temperature sensors and transmitters
 - Level sensors & Flow sensors
 - Different types of valves
 - Weighting scale
 - Conveyor safety systems
- Maintenance, calibration of
 - Different types of gas analyzers
 - Speed sensors
 - Vibration sensors
 - Brix sensors
- Maintenance of DCS & PLC on various manufactures like ABB, Honeywell, Yokogawa, Emerson, Metso and Siemens

Instruments Calibration through NABL accredited Lab

Mechanical

- Pressure & Vacuum Gauges
- Master Pressure Calibrators
- Pressure Regulators
- Precision Pressure Gauges
- Pressure Vacuum Switches
- I/P, P/I Converter
- Pressure & Vacuum Transmitter
- Differential Pressure sensors
- Manometer

Electrical

- Voltmeter
- Insulation test kit
- Power meter
- Ammeter
- Winding Resistance Test kit
- Energy Meter (Single Phase & Three Phase)
- Wattmeter
- Timer
- Relay Test kit (Single Phase & Three Phase)
- Multimeter
- Tandelata Test kit
- High Voltage Test kit
- Tong Tester
- Frequency Counter
- LCR meter
- Frequency Generator

Thermal

- Temperature Calibrators
- Temperature Transmitter

- Temperature Controllers
- RTD's & Thermocouples
- Temperature Switches
- Thermometer Wet & Dry
- Temperature Gauges
- Temperature Indicator
- Glass in Thermometer

We are extending our services on testing, diagnostics, maintenance and calibration of all type of electrical installations at **Marine, Seaport & Defense.**