

## ELECTROTEST PRIVATE LIMITED

ELECTROTEST is a fast growing company with offerings of Testing and commissioning & Maintenance of all type of LV, HV & EHV Equipment like, Power Transformer, Breaker, Protective Relays, Instruments Transformer and Cables Etc.

We have experienced engineers to monitor the working of the electrical substations, provide regular service and ensure that you get a full uptime.  
Our aim is to provide one stop quality solution for complete O&M of substations. We carried out following jobs.

### **Routine Test/Pre-Commissioning Test of Electrical Equipment at site.**

- 1) Transformer Testing
- 2) HT & LT Breaker Servicing & Testing
- 3) Protection Relays Testing (Electromechanical/Numerical)
- 4) Instrument Transformer (CT&PT) Testing
- 5) Isolator Testing
- 6) Lightning Arrestor Testing
- 7) High Voltage Testing of Electrical Equipment & Safety appliances.
- 8) Switchgear Testing
- 9) Electrical Motors Testing (AC/DC)
- 10) Earth Pit Testing
- 11) Transformer Oil BDV Test
- 12) HV Tan-Delta & SFRA Test
- 13) Transformer oil filtration at site.
- 14) Transformer oil DGA & Property Test through NABL Accredited Lab.
- 15) Relay Co-ordination

### **ELECTROTEST has following Test Equipment & facilities:**

- 1) 3 $\phi$  Relay Test Kit, Model: CMC356, Make: OMICRON
- 2) CT Analyzer, Model: CTA, Make- OMICRON
- 3) Transformer Winding Resistance Measurement Kit Model: TRM 104 - Make -SCOPE
- 4) Contact Resistance Measurement Kit Model: CRM100- Make -SCOPE
- 5) Breaker Timing Test Kit Model: SCOT M3K – Make- SCOPE
- 6) Digital Type IR/PI/DAR Measurement Kit, Make-MOTWANE & METRAVI
- 7) 3-ph VARIAC, Make- AE
- 8) Motor Checker-EMC25
- 9) Primary Injection Test Kit of 3000 Amps
- 10) Secondary Injection Test Kit (compact type) of 200 Amps
- 11) Digital Multimeter,
- 12) Digital Tong Tester,
- 13) LCR Meter,
- 14) Phase Sequence Meter,
- 15) Earth Resistance Measurement Kit Make:- METRAVI
- 16) Engineering Ground Discharge Rod,
- 17) DC High Voltage Test Kit (70KV), Make - NTPL
- 18) AC High Voltage Test kit (50KV), Make - NTPL
- 19) 1 – Ph Variac Make - AE
- 20) Universal Test Kit, Make :- L&T

## LEADERSHIP TEAM

**T.K Goswami,-Technical Advisor**, Ex-Senior Manager, Tata Steel (ETD), having 40 years of working experience in the field of Electrical Equipment Testing & Analysis.

**Abhishek Singh** :- Pursued Diploma in Electronics Engineering in year 2007. Having 15 years experience in Construction Project jobs at L&T and Electrical Equipment Testing. He is Possessing Electrical Supervisory Competency up to 132 KV. Acquire good technical knowledge and capable of good leadership.

**Manoj Kumar Mehta** :- Pursued Bachelor of technology in Electrical & Electronics Engineering in year 2012. Having 10 years experience in the field of Electrical Equipment Testing including Protective Relays. He is Possessing Electrical Supervisory Competency up to 11 KV. Competent enough for Techno-commercial work. Also he is certified safety professional.

**C.M. Mahato** :- Pursued ITI in Electrical Trade. He is having 25 years of experience, working in electrical field, out of which 15 years is in Testing of Electrical Equipments including Protective Relays (also Microprocessor based Relays). He is possessing Supervisory Competency of Certificate up to 11KV & having good knowledge of protective circuits & scheme connection . Having good leadership & can manage the site very well.

**Sonu Kumar Singh** :- Pursued Bachelor of Engineering in Electrical Engineering in year 2016. Having 6 years experience in the field of Electrical Equipment Testing & Commissioning including Protective Relays. He is Possessing Electrical Supervisory Competency up to 33 KV. Well experienced in working up to 220KV Line.

**Sanjeev Sardar** :- Pursued ITI in Electrical Trade. Having 8 years of experience in the field of Electrical Equipment Testing & Commissioning including Protective Relays. Having experience in different field & good knowledge in Electrical Subjects & Computer hardware.

**Arjun Kumar Mahto:-** Pursued Diploma in Electrical Engineering in year 2015. Having 6 years of experience in the field of Electrical Equipment Testing & Commissioning including Protective Relays. & expertise in testing of motor. also executed various Testing & Commissioning project At Tata Steel & Jusco.

**Nitesh Bastia:-** Pursued ITI in Electrical Trade in 2014. Having 5 years of experience in the field of Electrical Equipment Testing & Commissioning including LT Relays.

**Vishal Singh** :- Pursued Diploma in Electrical in 2019. Having 3 years of experience in the field of Electrical Equipment Testing & Commissioning including LT Relays.

**Pradip Karmakar:-** Pursued Bachelor of technology in Electrical & Electronics Engineering year 2018. Having 6 years of experience in the field of Electrical Equipment Testing & Commissioning including Protective Relays. Well experienced in Testing & maintenance of LT breaker & Release.

**Sumit Kumar** :- Pursued Diploma in Electrical in 2022. Having 1years of experience in the field of Electrical Equipment Testing & Commissioning including LT Relays.

In order to build additional strength in the Electrical Testing & Servicing activities, Electrotest has arranged a mutually supporting close tie-up with a similarly competent third party having considerable resources of trained, qualified & experienced man-power, and top of the line electrical testing equipment to carry out all types of testing as well as maintenance and servicing work.

- We are currently engaged in **Testing & Commissioning** work on Various Project:
  - **33 KV GIS, 6.6/0.415KV S/s Including GIS,CRP, Power Transformers, Motors, HT SWBD, LT PCC & MCC of Project at L-town Sakchi, Jamshedpur**
  - **33 KV AIS, Including AIS,CRP, Power Transformers ETL-1 TCIL Golmuri**
  - **6.6 KV/415V Substation at BREQUETTE Plant Inside TSL, JSR**
  - **6.6KV HT SWBD at ETL-1 TCIL Golmuri.**
  - **Maintenance & Testing of Transformer, HT Breaker, LT Breaker, Relays at TGS.**
  
- Also We have executed Various **Testing & Commissioning** Projects like:
  - **33 KV GIS, 6.6/0.415KV S/s Including GIS,CRP, Power Transformers, Motors, HT SWBD, LT PCC & MCC of Secondary Emission Project at LD#1 Inside TSL**
  - **6.6 KV/415V Substation at Gran-shot Inside TSL, JSR**
  - **690V/6.6 KV AC Installation of 20 MW New Solar Project inside TSL**
  - **415 V MCC Panels at LD#1 Inside TSL, JSR**
  - **11KV/415V Substation (Power Restructuring) at TGS, Gamharia**
  - **Maintenance & Testing of Transformer, HT Breaker, LT Breaker, Relays at TSDPL**
  - **6 Panel HT Switchboard at Nilanchal Ispat, Orissa.**
  - **Testing & Commissioning of Transformers & PSS at TSL, West Bokaro,**
  - **Testing & Maintenance of Transformer, HT Breaker, LT Breaker & Relay at TSDPL, JSR**
  - **03 Nos 11KV HT Panel SWBD (Extension) & 9 MVA Transformer at Tinplate, Golmuri**
  - **Testing & Commissioning of 11KV HT Panel at SAIL Bokaro.**
  - **Testing and Commissioning of AC Installation of 2.6 MW Solar Plant through inside TML.**

#### **OUR ESTEEMED CLIENTS:**

- TATA STEEL LIMITED
- TINPLATE COMPANY OF INDIA LIMITED
- TATA POWER SOLAR SYSTEM LIMITED
- TATA STEEL DOWNSTREAM PRODUCTS LIMITED
- MASCOT ELECTROMECH PVT. LTD
- ROOTS CORPORATION LIMITED
- A BOND STRANDS
- NATH & SONS
- AS CONSTRUCTION
- POWERGAIN ENGINEERS

#### **Contact Us:**

### **ELECTROTEST PVT LTD**

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