



POWER ELECTRONICAL

Insulation & HV test experts

Power Electronical, is a reputed name in the Electrical Maintenance industry in India and Middle-East regions. Established way back in 1998, we have been pioneering the research & development, manufacturing of world-class products and service to the Electrical industry in India and abroad. The company is registered in India, and has branch offices and representatives across most important nodal cities of India, and also a representative in UAE.

Power Electronical is engaged in Manufacturing, Maintenance & Calibration services of Insulation and HV Testing Instruments/Systems used in power sectors and industries involving Motor, Generators, Transformer, Bushing, Capacitor & Cable, to monitor the quality of the insulation.

Our product range includes but is not limited to,

Capacitance & Dissipation Factor (Tan-Delta) Measurement systems (Manual / Automatic)

Hipot AC/DC Power Source / HV testers

Oil Resistivity & Dissipation Factor (Power Factor) Meter

Oil Breakdown Voltage testers

Insulation Resistance tester

Compressed gas Standard Capacitors / Oil Cells

Calibrating boxes and instruments for above

HV Impulse Generating systems

CVT Test systems for Transformer testing

With the enormous experience and support of our delighted clientele we have also forayed into the Transformer Oil Testing Services as per requirement of IS / IEC-17025 : 2005 / ASTM. The testing is done at our in-house NABL accredited test laboratory, which is one of the only few private laboratories in India in this sector. With the addition of Furan testing recently, it is the only laboratory in Western India to offer a complete basket of tests.

We also do On-Site testing of Power & Distribution Transformers, Bushing, CTs, PTs, CVT'S , HT Motor/Generator as per IS/IEC procedure & RLA of the transformer/Motor/Generator. We also conduct a variety of diagnostic tests. These tests are designed to assess the present condition of the transformer with our in-depth and investigative methods. We look at each set of measurements to identify any existing defects and/or to pick up symptoms of any fault-causing mechanisms that are in developing or incipient stage. A recent feather in our cap is the successful testing and commissioning of 400kV substation projects

Power Electronical is ISO9001:2000 systems certified company, and is pursuing further compliance for ISO14000 and ISO18000 in the near future. It is a registered company with most India Government enterprises, Electricity Transmission & Distribution companies and reputed private players like ABB, Reliance, Tata Power, Owens Corning and others. We have exports spanning across USA, South America, Africa and Mid-East.

With an in-house R&D which develops products for our own applications of automatising testing services, as well as designing future-proof products for Insulation Quality testing, we have the flexibility to adapt to custom specifications and fast delivery demands. The objective is to have products which are better than the best

In the near term, it is our business plan to support Services like field testing with our trained and qualified personnel, with help of our business partners in GCC and Africa.

For more information, please visit our website (<http://www.powerelectronical.com>) or email us at (contact@powerelectronical.com).

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