



### Transformer Testing Capabilities (at ERDA Laboratory)

- Complete testing for 2.5 MVA, 33 kV Class as per IS: 1180-2014

#### Routine Test

- Routine tests as per IS 2026

#### Type Testing

- Lightning impulse test as per IS 2026 (Part 3)
- Temperature-rise test as per IS 2026 (Part 2)
- Short-circuit withstand test as per IS 2026 (Part 5)
- Pressure test

#### Special Test

- Determination of sound levels as per IS 2026 (Part 10)
- No load current at 112.5 percent voltage
- Paint adhesion test (as per ASTM D3359)
- BDV and moisture content of oil in the transformer (IS 335)
- PD Testing on Dry Type Transformer (IEC 60076)

### List of Products

- Distribution Transformer as per IS: 1180-2014
- Paper Covered Copper & Aluminium Conductors
- High Voltage Bushings (up to 400 kV)
- CRGO Steel Laminations
- Evaluation of Solid Insulating Materials (Paper/Pressboard/Laminated Wood and Boards/Cork sheets etc.)
- Transformer Oil (New & In-service) & Dissolved Gas Analysis (DGA)

### Onsite Testing at Manufacturer Premises

- Testing of 500 MVA Power Transformer at Manufacturer Premises (NABL Accredited)

## Comprehensive Transformer Type Testing Facility for Reliability and Compliance



Transformer Laboratory - 2.5 MVA, 33kV Class



Online Short-circuit Laboratory - 120 kA, 570 V

