

# CENTRAL TESTING CIRCLE(CTC), DVC, MAITHON

(A KNOWLEDGE BASED DEPT.)

OVER 65 YEARS OF SERVICE TO THE NATION



PARTNER TO NATION'S  
PROGRESS

## **Services & Technical Capabilities:**

### CTC:

Equipped with present day sophisticated equipment for testing and analysis of the Electrical Equipments, Protective Relays, Fault Level Calculation (thru' ASPEN Software) for Relay setting & Co-ordination, System Disturbances/ Total Power Failure/ Equipment Failure etc' with investigation and Consultancy. Complete Testing /Commissioning & Protection implementation of Electrical Equipment with Unit System, Bays, Lines, Fdr, Transformer, Tariff-Meters etc' along with the Protection Scheme finalization, Relay Maintenance.

### Transformer Oil Gas Analysis:

Fully Automatic Microprocessor Controlled Agilent Technologies, U.S.A make Gas Chromatograph for Dissolved Gas Analysis (TOGA/DGA) with minm' Hydrocarbon Gas detection level.

### Metering Cell:

Equipped with Zera, Germany, 0.01Class, COM3000 Comparator and 0.05Class, SRS121.3 MTE, Germany Test Bench for 'Electrical Testing' of Energy Meters and 'Electro-Technical Calibration' to ERS Meters as per the relevant standard. The NABL scope of Metering System Management is maintained with its adequate meteorological condition.

### Consultancy Services :

Provided for Third Party Equipment Testing / Commissioning /Investigation & Analysis.

### Infrastructure:

For maintaining system healthiness, fault finding, quality power and actual energy measurement, CTC, DVC, Maithon is equipped with proficient, Engineer, trained manpower and sophisticated present day testing equipments and instruments.

### Accreditation and Recognition:

**Accreditation Certificate No.**

**C-1104** related to NABL

Accreditation for "**Electro-technical Calibration**"

**&**

**Accreditation Certificate No.**

**T-3034** related to NABL Accreditation for '**Electrical Testing**'

**to**

**'Testing and Calibration Laboratory', CTC, DVC, Maithon.**



## **CENTRAL TESTING CIRCLE (CTC )**

### **Testing & Commissioning**

### **METERING CELL**

(Accredited by the NABL, Govt. of India, for Testing and Calibration Laboratory, CTC, DVC, Maithon. Certificate No. C-1104 & T-3034 & T-3034d T-3034)

### **Transformer Oil Dissolved Gas Analysis**

### **(TOGA/DGA)**



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