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SWITCHGEAR & TRANSFORMER MAINTENANCE

COURSE CONTENT

- System Descriptions
 - a) Switchgear facilities
 - b) Structures of HV/LV switchgear
 - c) Introduction to Transformers
 - d) Types and reading of electrical diagrams
- Switchgear Maintenance
 - a) Checking Main Contact Pressure
 - b) Checking Main
 - c) Contact Resistance
 - d) Final Tests
- Transformer Maintenance
 - a) De-Energizing and Grounding
 - b) Testing for Combustible Gases
 - c) Testing Winding Resistance
 - d) Drawing an Oil Sample

OBJECTIVE

- Record observations about the internal structure of HV/LV switchgear
- Describe the structure of switchgear facilities and display working principles of circuit breaker (CB) and protective circuit
- Describe the main components of a transformer
- To troubleshoot and repair/replace switchgear and transformers.

TARGET GROUP

The course is designed for those who are operation electricians, maintenance technicians, foremen and engineers in electrical field.

DURATION

4 days