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ELECTRICAL PROTECTION SYSTEM

COURSE CONTENT

- Types of Faults and Short Circuit Current Calculations
- Fuses and Circuit Breakers with Built-in Protection
- Relays and Auxiliary Power Equipment
- Protection Grading and Relay Coordination
- Power system protection
- Current and voltage transformers
- Primary injection testing
- Classification and function of relays
- Secondary injection testing
- Motor protection
- Generator protection
- Feeder protection
- Transformer protection

OBJECTIVE

- Describe the types of faults most likely to occur in electrical systems
- Explain the working principle of protective equipment
- Calculate the protection coordination
- Inject current to make a test of protective equipment
- Explain protection schemes for electrical systems

TARGET GROUP

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

DURATION

5 days