

POWER DISTRIBUTION

COURSE: LOW VOLTAGE CIRCUIT BREAKER CONSTRUCTION AND MAINTENANCE

DESCRIPTION: This program is designed to teach the student how to prepare for and perform preventative maintenance and test procedures including theory, construction, troubleshooting, and basic repairs of Low Voltage power circuit breakers.

Each participant performs circuit breaker and testing procedures. Safety considerations that apply to circuit breaker maintenance will also be covered.

DURATION: 2 Days

FORMAT: Presentation
Instructor Demonstrations
Participant Hands-On

AUDIENCE: Electrical Skilled Trades, Supervisors, Engineers and any other personnel involved in the operation or maintenance of plant power circuit breakers

OBJECTIVE: This training program will enable personnel to:

- Understand construction and operation of power circuit breakers
- Perform NETA and NFPA 70B recommended maintenance on circuit breakers
- Reduce maintenance costs
- Gain confidence through real hands-on training

TOPICS: Circuit breaker construction and operation
Electrical theory as applied to circuit breakers
Inspection, maintenance and testing procedures
Safe work practices
Record keeping and material history