

POWER DISTRIBUTION

COURSE: TRANSFORMER 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.

Each participant performs transformer inspection and testing procedures. Safety considerations that apply to transformer testing 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 distribution transformers

OBJECTIVE: This training program will enable personnel to:

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

TOPICS: Transformer construction and operation
Electrical theory as applied to transformers
Inspection, maintenance and testing procedures
Safe work practices
Record keeping and material history