

IE13 Transformers Principles and Applications 2-Day Seminar

Cost: \$340.00 includes all seminar fees and student text. (For on-site, call us for price quotes)

Prerequisites: None.

Intended Audience: Electrical Maintenances or I&E Maintenance

This Seminar provides a comprehensive overview of transformer operation, maintenance, installation, and troubleshooting. This seminar is designed to develop basic competencies for beginning-to-advance learners. The seminar begins with a thorough discussion of magnets, magnetism, electromagnetism and how these apply to transform operation. Also the latest information on how transformers are used to reduce harmful effects of harmonics and how reactors and isolation transformers are used to improve the power quality available to electronic equipment.

Seminar Outline:

- Magnetism and Electromagnetism
- Operating Principles
- Electrical Safety
- Transformer Connections
- Harmonics
- Power Generation and Distribution
- Reactors and Isolation Transformers
- Autotransformers
- Special Transformers
- Special Connections
- Selection and Isolation
- Maintenance and Troubleshooting
- Single Phase Motors
- Direct Current Motors
- Three Phase Motors
- Motor Nameplate Data
- Motor Selection
- Motor Protection
- Motor Failure
- Troubleshooting Motors

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