

The Electrical Association of Philadelphia



Transformers Class Friday, March 23, 2018

Learn the installation rules, grounding and bonding rules, locating a transformer and its disconnecting means, special situations, calculating primary and secondary current levels, wiring schemes when the transformer is utility owned vs. customer owned, separately derived systems and the latest NEC disconnect rules and labeling requirements in this important eight-hour training session.

- Types/Construction
- Single Phase vs. Three-Phase
- Primary-Secondary Ratios
- Installation/Location
- Pole Mount/Pad Mount
- Vault Requirements
- Services
- Overcurrent Protection
- Safety/Testing – NFPA 70E Guidelines
- Disconnect rules
- Labeling
- Grounding
- Bonding
- Separately Derived System Installation
- Utility vs. Customer-Owned Supply Transformer

CEUs: 8 hours for Philadelphia and New Jersey Contractors
5 hours for Delaware Contractors
5 hours for Cecil County, MD
8 hours for Queen Anne, MD
8 hours for PA Electrical Inspectors
8 PDHs for PA PEs

Date: Friday, March 23, 2018

Schedule: Registration at 7:15 a.m.; Class 7:30 a.m. - 4:00 p.m.

Cost: Member Rate - \$250; Non-Member Rate - \$295

Lunch will be provided.

Location: EAP Offices, 527 Plymouth Rd., Door H, Plymouth Meeting, PA 19462

Instructor: Rich Van Wert

Required Text / Materials: Bring your own copy of the NEC book.

For those who want NJ CEUs: Photo ID & NJ License

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- To pay using a credit card, register [on-line here](#) or call (610) 825-1600
 - To pay by check, complete this form and make check payable to: The Electrical Association of Philadelphia
 - Payment is required at time of registration to reserve your seat
 - Questions? Call Arielle at (610) 825-1600, ext. 14 or electric@eap.org
 - **No Refunds...** SEE OUR REFUND POLICY www.eap.org
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Name: _____ **Company:** _____

Address: _____

Phone: _____ **Email:** _____