

# The Electrical Association of Philadelphia



## Fire Alarms 101 January 19, 2018

### Simplifying Fire Alarm Installations: Definitions.....Regulations

Single Family Dwellings.....Multi Family Dwellings.....Commercial Properties

Save money using the right installation methods and pass inspections the first time.

- Do I still have to install a separate Fire Alarm Disconnect switch?
- Why do I need a bottle of red marking liquid on my truck?
- Where does it say I can't put the smoke detector circuit on a dedicated circuit?
- Must I use AFCI protection? GFCI?
- What is meant by "common areas"?
- Do I need a pull station on every landing of a multifamily dwelling unit?
- Is conduit required for all commercial fire alarm installations?
- When is central station reporting required?
- Who knows when I must use plenum FA cable?
- Do I have to destroy a single-family dwelling just to interconnect smoke detectors?
- Are "wireless" smoke detectors permitted yet?

**CEUs:** 8 hours for Philadelphia, New Jersey and Delaware  
5 hours - Cecil County, MD; 8 hours for Queen Anne, MD  
8 hours for PA Electrical Inspectors, 8 PDHs for PA PES

**Date:** Friday, January 19, 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

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- Register on-line: [www.eap.org](http://www.eap.org), or call (610) 825-1600
  - To register with a check, 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](mailto:electric@eap.org)
  - **No Refunds...SEE OUR REFUND POLICY** [www.eap.org](http://www.eap.org)
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