



HVAC INSTALLATION & NEC RULES



National Electrical Code (NEC) for the H&AC Contractor

- *Is it okay to put a 14/2 non-metallic sheathed cable (Romex) on a 25 A OCPD (circuit breaker/fuse)?*
- *How do I size the branch circuit for the oil burner?*
- *Is an emergency shutoff switch required for both oil and gas burners?*
- *Is it true that the black pipe gas line has to be bonded to the grounding electrode system?*
- *What is a grounding electrode system and what does "bonded" mean?*
- *What are the rules for placement of the HVAC disconnect switches for rooftop units vs. grade-access residential units?*
- *Is the installer required to provide a luminaire for service personnel at the rooftop unit location or just at indoor locations?*
- *Is it okay to run the Class 2 T-wire in the same liquidtight raceway as the Class 1 THWN conductors?*
- *Is it NEC Code-compliant to direct wire the condensate pump into the fuse block of the indoor unit?*
- *Is the HVAC unit considered a "continuous load". If yes, just what does that mean to the installer?*
- *When is it required that a disconnect switch be installed right at the HVAC unit and when is it not?*
- *What is "derating" all about?*

If you need to know the answers to any of these questions be sure to sign up early for this invitation-only H&AC Contractor's one day training program. Space is limited. Be sure to bring a copy of the 2008 or 2011 NEC.

CEUs: 8 hours for Philadelphia, New Jersey and Delaware
Date: Friday, February 17, 2012 (Note: new, earlier date)
Schedule: 7:00 a.m. – Registration - 7:30 a.m. - 4:00 p.m. Course
Cost: Member Rate - \$195
Location: The EAP Offices, 527 Plymouth Road, Door H
 Plymouth Meeting, PA (Directions with confirmation)
Instructor: Rich Van Wert

Required Text / Materials:

Bring your own copy of the 2008 or 2011 NEC.

Name(s): _____

Company: _____

Phone: _____ Fax: _____ Email: _____

Credit Card: # _____ Exp.Date: _____ CVV2 Code: _____

Please fax back (610) 825-1603, questions, please call Lisa at (610) 825-1600, ext. 14 or email her at lisa@eap.org, or mail to: The Electrical Association of Philadelphia, 527 Plymouth Road, Suite 408, Plymouth Meeting, PA 19462.