

NFPA 70E and OSHA Electrical Standard Awareness

SPONSORED BY ABC NH/VT

Tuesday February 9, 2010
7:30 AM - 11 :00 AM
ABC Training Facility, Concord NH

\$175 per person / ABC Member

PRICE INCLUDES NFPA 70E MATERIALS AND CONTINENTAL BREAKFAST

\$260 per person / Non ABC Members

DEPENDANT ON SPACE AVAILABILITY / PRICE INCLUDES NFPA 70E MATERIALS AND CONTINENTAL BREAKFAST

TOPICS TO BE COVERED:

- How NFPA 70E and OSHA Standards Coincide
- Purpose of the Standards
- Nature of Shock and Flash Hazards
- Justifying Work On / Near Live Parts and Using Permits
- Requirements for Shock and Flash Analyses
- Establishing Shock and Flash Protection Boundaries
- Selection of Proper Protective Equipment and Tools
- Creating and Maintaining Approach Boundaries
- Chain of Responsibility

INSTRUCTOR:

Patricia Stagno - President of PowerSkills For Life LLC of Goffstown, NH, provides safety training and compliance consulting for utilities, construction, manufacturing, maritime industries, and facility maintenance. Patty hold 5 certificates from the OSHA Training Institute and Keene State College in Emergency Management, Construction, Maritime, Industrial Hygiene and General Industry. She specializes in Medium-High Voltage electrical systems, underground, overhead, secondary networks and substation maintenance.

SUMMARY: NFPA 70E is an Electrical Safety Standard designed to protect workers against electric shock and electrical arc flash / arc blast hazards. It requires employers to establish policies and procedures for worker protection when there is potentially a need to work on or near energized systems or equipment operating at 50 volts or more. The first line of defense is always to de-energize such systems before work begins. This standard spells out specific actions necessary when it is not possible or could create a greater hazard to shut off electrical power sources. Those actions include an analysis of shock and arc blast potential, the establishment of shock and flash protection boundaries at the work location, selection of proper personal protective equipment and voltage-rated tools when indicated based on the hazard analysis, etc. In addition, an Energized Electrical Work Permit is required when work is to be performed on energized equipment.

WHO SHOULD ATTEND: General contractors (controlling employers), electrical contractors, electricians, facilities manager, HVAC and mechanical contractors, maintenance personnel, and employers whose workers may need to operate systems/equipment where there is a potential exposure to live parts in excess of 50 volts.

All students will receive a copy of the NFPA 70E manual (a \$45 value).

REGISTRATION - NFPA 70E TRAINING

Tuesday February 9, 2010 7:30 AM - 11:00AM Concord NH

\$175 per person / ABC Members

\$260 per person / Non ABC Members - PAYABLE TO: Associated Builders & Contractors NH/VT

COMPANY _____

CONTACT _____

EMAIL / PHONE _____

NAME (S) _____



**New Hampshire/
Vermont Chapter**

ABC NH/VT TRAINING CENTER

58 CHENELL DRIVE, CONCORD NH

603/ 226-4789

FROM I-93 IN CONCORD TAKE EXIT 15 E TO I-393 EAST

TAKE EXIT 3 TO ROUTE 106 AND HEAD RIGHT ONTO 106 SOUTH; PROCEED PAST STEEPLGATE MALL

THE NEW ABC NH/VT CHAPTER OFFICE & TRAINING CENTER IS ON THE RIGHT AT THE CORNER OF ROUTE 106 AND CHENELL DRIVE.

TRAINING CENTER PARKING & ENTRANCE AT REAR OF BUILDING