

# TOOLBOX SAFETY TRAINING

Company \_\_\_\_\_ Location \_\_\_\_\_ Date \_\_\_\_\_

## Vol 16 - No 10 WORKING IN CLOSE QUARTERS WITH ELECTRICIANS

**INCORRECT-**  
Painter is  
working  
too close  
to the  
electrician  
with no  
personal  
protection  
equipment



Electricians are often required to perform a difficult job in areas where there is little room to move. This situation creates the potential for an accident to themselves and others working nearby. All electricians realize the dangers involved in their work and they take precautions to protect themselves. However, often other trades that are working in close proximity to the electrical contractor do not realize that they also are exposed to many of the same dangers.

When electricians are working to turn on the power to a new building or if they are in the process of tracing and troubleshooting existing circuits they may have to work with energized electrical circuits. This is also known as “hot work.” The electrician will take precautions to protect themselves such as wearing cotton clothing, insulating gloves, or even flame retardant clothing with face shields to protect their body from an accidental arc flash. However, other personnel not aware of the hazard may be working in the same area and exposed to a significant hazard.

Electricians working near live parts must be trained and qualified to perform such work. They should have adequate equipment to ensure their safety. In addition, the training should include information about protecting other workers that are not qualified. Some types of protection include the use of non-conductive barricades such as and danger tape to separate the work area and danger signs to warn non qualified persons about the hazards. In high traffic areas electricians may also designate one person to be a safety monitor to warn others of the hazards and prevent unauthorized entry.

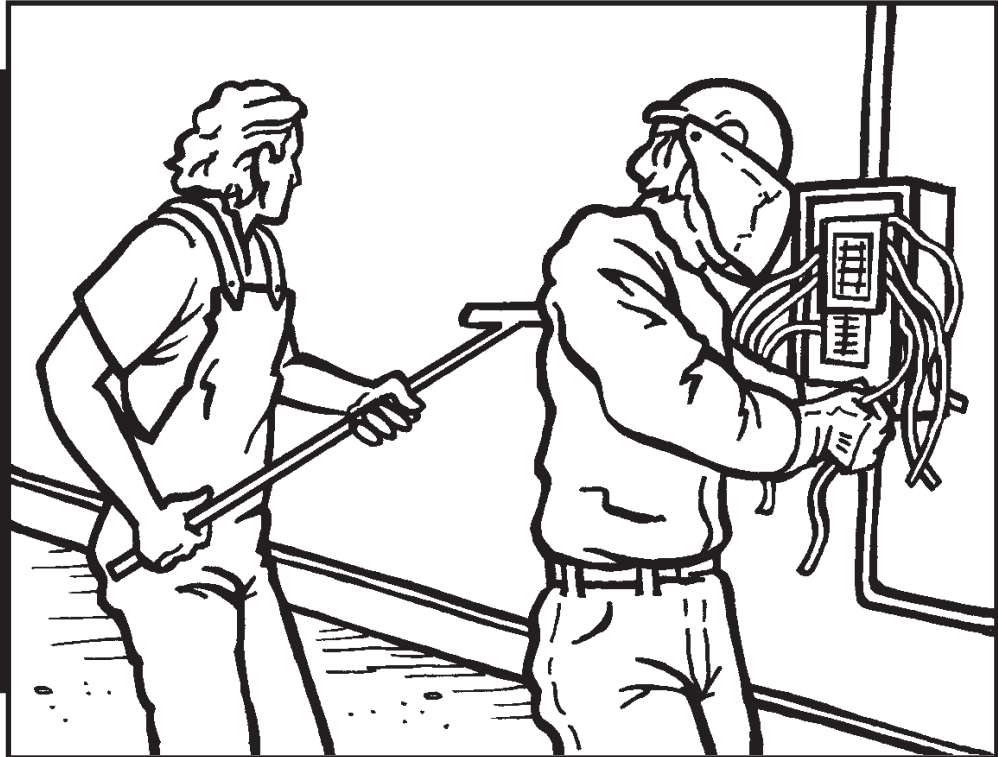
Remember you are responsible for your safety whether performing electrical hot work or working in the immediate area.

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