



Whenever you are working with live lines and energized circuits and equipment there is a risk of electrical contact. Therefore it is important that you are properly trained and are under the continuous supervision of a qualified individual for the specific type of work.

If you are required to work on live lines and energized circuits and equipment, you are also required to wear rubber protective-insulating gloves and sleeves rated for the highest possible voltage that you may encounter. You must do so “lock-to-lock.” Lock-to-lock means that rubber gloves and sleeves are worn prior to the time the pad mounted equipment is unlocked through the time work is finished and the pad mounted equipment is relocked.

If you are working with live lines or energized circuits between 50 and 600 volts, wear Class 0 rubber gloves with leather protectors. When working with larger voltages ranging from 600 to 15,000 volts, wear Class 2 rubber gloves with leather protectors and Class 2 rubber sleeves. Typically, rubber protective sleeves should meet or exceed the class rating of the rubber gloves that you are using.

Rubber gloves and sleeves should also be worn whenever working within extended reach of an energized circuit or piece of equipment. This means

that you are within five feet of energized circuits or equipment or you have a conductive object within five feet of an energized circuit or equipment.

When the appropriate safety precautions cannot be met, immediately discuss alternative work methods with your supervisor.

See OSHA’s letters of interpretation for more information.

- 1910.269 - Clarification of the 1910.269 requirement for the presence of at least two “qualified” employees for work on exposed energized lines. [10/10/2007]
- 1910.269 - Conditions rendering underground electrical power connections as unsafe to touch with bare hands. [04/25/2006]
- 1910.269 - Conditions allowing the use of insulating gloves without the use of insulating sleeves when working on or near exposed energized parts. [09/01/2006]

## DISCUSSION QUESTIONS

**If you are required to work on live lines and energized circuits and equipment, you are also required to wear what?**

**When working with larger voltages ranging from 600 to 15,000 volts, what PPE should be worn?**

**Typically, rubber protective sleeves should?**

**What does extended reach mean?**

**What should you do the appropriate safety precautions cannot be met?**

# SAFETY TALK ATTENDANCE ROSTER



COMPANY: \_\_\_\_\_ JOB/DEPT: \_\_\_\_\_

DATE: \_\_\_/\_\_\_/\_\_\_\_ TIME: \_\_\_\_\_

TOPICS ADDRESSED: \_\_\_\_\_

EMPLOYEE'S SIGNATURES:

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EMPLOYEE SUGGESTIONS AND RECOMMENDATIONS: \_\_\_\_\_

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ACTION TAKEN: \_\_\_\_\_

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Supervisor's Signature

\_\_\_/\_\_\_/\_\_\_  
Date

\_\_\_\_\_  
Safety Coordinator's Signature

\_\_\_/\_\_\_/\_\_\_  
Date