

Course Syllabus

Electrical & Electrical Safety Related Work Practices

29 CFR 1910-Subpart S / 29 CFR 1926 Subpart K

Effective Date 13-Oct-19

Course Code ES

Instructions

- Open and view PowerPoint Presentation in "Required Materials" folder
- Review PDF course work in "Required Materials" folder
- Open hyperlink to applicable regulation and review content headings
- Review available resources in "Supplemental Materials" folder
- Complete course objective summative examination
- Complete Training Experience Documenter, if applicable, to meet time requirements

Learning Objectives

- Explain the uses, types, and characteristics of PPE
- Provide information on OSHA standards related to electrical hazards
- Explain the general principles and effects of electricity
- Describe electrical PPE, safety equipment, and safe work practices
- Describe inspection, maintenance, cleaning, and storage of electrical PPE
- Understand information on NFPA 70E and Hazardous Locations
- Explain GFCI purpose & Assured Equipment Grounding Conductor Program.

Instructional Strategies

Time

- | | |
|---|-------------|
| ● Viewing of PowerPoint Presentation(s) | ● 0.8 Hours |
| ● Viewing of PDF Resources | ● 0.8 Hours |
| ● Review of Applicable Regulations | ● 0.8 Hours |
| ● Complete Experidoc Performance Evaluation | ● 0.8 Hours |
| ● Experidoc Examination Delivery | ● 0.8 Hours |

Evaluation Methods

- 30 Question objective summative multiple choice examination
- Performance, demonstration, simulation, explanation, or observation of key skills (if applicable).

Total Time

4.0 Hours

Performance Evaluation Form

Electrical & Electrical Safety Related Work Practices

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Perform, Explain, Simulate, Demonstrate, or Observe the following:

Overview:

The Performance Evaluation is designed as one method to evaluate job skills and safe work habits of the course participant. This helps foster the participants psychomotor skills, as well as their cognitive knowledge levels, thus providing for a more thorough learning experience. The **Evaluator** must meet certain qualifications such as possessing technical knowledge/skills related to evaluation, have equivalent certifications, related experiences, performed self study, or have applicable academic credentials. The evaluation **CAN BE** self certified if student possesses any of the evaluator qualifications for the topic matter. If the course or exam is proctored or supervised, please sign as a course **Moderator**.

Instructions:

1. Student should complete name and Student ID # identifying him or herself on the Performance Evaluation.
2. Student shall perform, explain, simulate, demonstrate, or observe the following presented skills.
3. Evaluator should observe/evaluate completion of skills as part of an assessment. (see evaluator credentials)
4. Evaluator should possess technical knowledge/skills related to evaluation, have equivalent certifications/experiences, completed self study, or have applicable academic credentials.
5. Upon completion of each activity the evaluator should sign and date in the box next to the skill assessed.
6. Student should maintain the performance evaluation with their certification.
7. Completion of the ExperiDoc Performance Evaluation should be done prior to taking the ExperiDoc objective summative examination in the Certification Portal.

Student Name (Print)	Student ID #

Criteria	Evaluator Signature/Date
Explain the uses types of electrical safety PPE	
Discuss what a "Qualified" individual is regards to Eletrical	
Descibe safe work practices for electrical safety	
Identify company Electrical Safety and LOTO Programs	
Describe PPE inspection, maintenance, cleaning, & storage	
Provide information on NFPA 70E and Hazardous Locations	
Locate the Electrical Standards in the OSHA regulations	

Locate areas having ACM or PACM in your facility	
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Evaluator Credentials for Performance Evaluation

Instructions: The Performance Evaluator should possess related academic credentials, specific technical knowlege, hold equivalent certification, or have related course experiences. The Performance Evaluator is allowed to be course participant and self certify as long as one additional qualification is met.

Evaluator #1 Name (print)	Evaluator #1 Signature

Check all that apply:

<input type="checkbox"/> Self Certification (Must meet additional qualification)	<input type="checkbox"/> Self Study or Academic Credentials
<input type="checkbox"/> Related Technical Knowledge or Skills	<input type="checkbox"/> Equivalent Certification/Experiences

Evaluator #2 Name (print)	Evaluator #2 Signature

Check all that apply:

<input type="checkbox"/> Self Certification (Must meet additional qualification)	<input type="checkbox"/> Self Study or Academic Credentials
<input type="checkbox"/> Related Technical Knowledge or Skills	<input type="checkbox"/> Equivalent Certification/Experiences

Evaluator #3 Name (print)	Evaluator #3 Signature

Check all that apply:

<input type="checkbox"/> Self Certification (Must meet additional qualification)	<input type="checkbox"/> Self Study or Academic Credentials
<input type="checkbox"/> Related Technical Knowledge or Skills	<input type="checkbox"/> Equivalent Certification/Experiences

Course Moderator/ Examination Proctor (If applicable)

Instructions: The Course Moderator/Examination Proctor will moderate the delivery of course, assist in navigating the course work, will discuss and relate course objectives to the work environment, and supervise and guide the participants' examination process. It is recommended that the Moderator/Proctor be a Supervisor or Manager of the course participant.

Moderator/Proctor - Name (print)	Moderator/Proctor Signature

Moderator/Proctor Company & Title	Moderator/Proctor Contact Info (phone# and e-mail)