



Certified Electrical Hazardous Location Specialist – High Voltage

32 Hrs CEU's 3.6

Course Fees: \$595.00

Professional Credential: Certified Electrical Hazardous Location Specialist (CEHLS – High Voltage)

(Note: Refresher certification is required every three years to maintain professional credential.)

Course Description:

Course Description: High Voltage Electrical Safety for Power Generation, Transmission and Distribution - Industrial Training

Review the OSHA specific requirements for working near high voltage electrical systems, including your responsibilities, training requirements and the definition of a “qualified” person. Learn how to create a safe work environment through understanding electrical hazards and proper work and protection practices.

AGENDA

OSHA Introduction

- Key national consensus standards
- Standards development

Understanding Electrical Hazards

- Electric shocks, arcs and blasts
- Fault current and potential difference

- Electrical safety in industrial plants

29 CFR 1910.269: Electric Power Generation, Transmission and Distribution

- 1910.269(a): Application
- 1910.269(c): Job briefing
- 1910.269(d): Hazardous energy control (Lockout/Tagout) procedures
- 1910.269(g): Personal protective equipment
- 1910.269(i): Hand and portable power tools
- 1910.269(j): Live-line tools
- 1910.269(l): Working on or near exposed lines
- 1910.269(n): Grounding for the protection of employees
- 1910.269(p): Mechanical equipment
- 1910.269(q): Overhead lines
- 1910.269(t): Underground electrical installations
- 1910.269(w): Special conditions

Electrical Safety Work Practices

- Qualified person requirements
- 1910.332: Training
- 1910.333: Selection and use of work practices
- 1910.335: Safeguards for personnel protection

Audience

This course will be valuable for:

- Electrical Personnel
- Safety, Health and Environmental Professionals,
- Safety & Health Committee Members
- Government Inspectors
- Electrical Managers & Supervisors
- Hospital and Healthcare Managers
- General Industry and Construction Personnel
- Safety & Health Professionals
- Training Managers
- Industrial Hygienists
- Environmental Professionals

Testing:

Students completing the course must take a proctored final exam. A score of 80% on the final exam is necessary to receive your personalized certificate of completion. The student gets three (3) attempts to pass the course.

