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The Official Site of Environmental Health & Safety Training®

Electrical Safety

29 CFR 1926.400

Course Description

2017



Electricity has long been recognized as a serious workplace hazard. OSHA's electrical standards are designed to protect employees exposed to dangers such as electric shock, electrocution, fires, and explosions. Electrical hazards are addressed in specific standards for the construction industry.

Cost: \$60.00 per person

Group discounts available (3 or more people). Please email or call us at 1.888.877.7130 for a quote. Price match guarantee! Must be OSHA compliant and same quality course.

Course Features

- Over 25 interactive flash animations
- Approximately 8 modules
- Award winning content - CEU's
- Self grading quizzes and final exam
- OSHA Study Timer (tracks your study time login and logout at your convenience)
- Certificate of Completion (3 certificates) e-cert, 8x10 and wallet card (instant download of e-certificate upon course completion)
- Course access for 1 year from the time of registration
- Free registration into the National Repository® (download your certificates at anytime in the future)

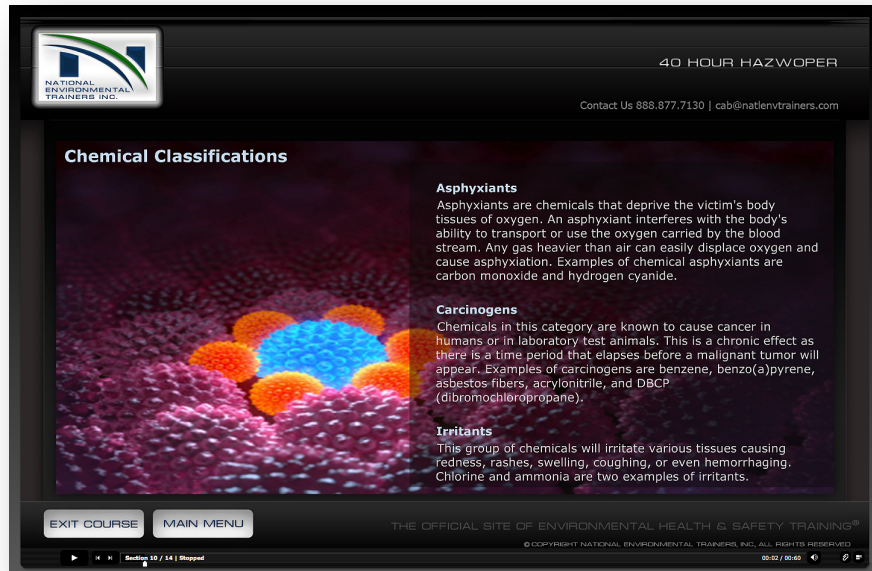
Course Description

In compliance with OSHA 29 CFR 1926.400 subpart K regulations, this training is required for construction workers and supervisors who work with electrical components.

This course provides an overview of basic electrical safety for construction workers with little or limited training or familiarity with electrical hazards.

After completing this course you will:

- Be familiar with the basic concepts of electricity.
- Understand the potential effects of electricity on the human body.
- Be able to recognize common electrical hazards associated with construction work.
- Be familiar with electrical protective devices.
- Be knowledgeable of safe work practices.



Aesthetically pleasing course layout that is user friendly. Professional voice-overs, animations and high definition photographs. Self-grading quizzes and final exam.

Along the way there are self grading quizzes, interactive exercises, full length videos and a self grading final exam. The quizzes can be taken as many times as needed, and the final exam can be taken a maximum of 3 times. Once a person satisfactorily completes the course, an e-certificate is immediately sent to them via email. The original certificates (8x10 and wallet card size) arrive in the U.S. mail.

Course Overview & Objectives

In compliance with the Occupational Safety and Health Administration (OSHA) 29 CFR 1926.400 regulations, this training is required for construction workers who may use extension cords, electric tools, etc. This training must be provided for personnel (supervisors and workers) involved with these operations.

Working with electricity can be dangerous. Engineers, electricians, and other professionals work with electricity directly, including working on overhead lines, cable harnesses, and circuit assemblies.

Electricity has long been recognized as a serious workplace hazard. OSHA's electrical standards are designed to protect employees exposed to dangers such as electric shock, electrocution, fires, and explosions.

While this training course is very comprehensive, additional site-specific training should be taken for certain hazardous materials that may be encountered at different sites.

Support

Includes 24/7 **U.S. Based** support. An experienced and highly qualified instructor is available to you throughout the training process. Our toll free hotline or email will allow access to some of the finest instructors in the U.S.

Duration

1 hour

Continuing Education Units (CEU's)

This course is eligible for .08 Continuance of Certification (COC) points from the Board of Certified Safety Professionals (BCSP).

Prerequisites

None

Table of Contents

Module 1: How Electricity Works

How Electricity Works
How Shocks Occur
Electrical Hazards
Power Line Risks
Electrocution
Electric Shock

Module 2: Factors of Electrical Shock

How Electrical Current Affects the Human Body
Electric Shock
Factors of Electric Shock

Module 3: Hazards of Electricity

Identifying and Recognizing Hazards PPE

Module 4: Arc Flash Awareness

What is Arc Flash?
How does Arc Flash Occur?
Avoiding Arc Flash

Module 5: OSHA Electrical Safety Regulation for Construction 1926.400 Part 1

OSHA Subtitle K sections

Module 6: OSHA Electrical Safety Regulation for Construction 1926.400 Part 2

OSHA Subtitle K sections (cont'd)

Module 7: How to Protect Yourself from Electricity Part 1

Electrical Hazards and How to Control Them
Hazards and Controls

Module 8: How to Protect Yourself from Electricity Part 2

Grounding
Proper Use of GFCI's
Hazards and Controls
Preventing Electrical Hazards

Final Exam

