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The Official Site of Environmental Health & Safety Training®

Excavation Trenching & Shoring

29 CFR 1926.650 – Competent Person

Course Description

2017

Excavation Trenching & Shoring

29 CFR 1926.650



This course provides the information necessary for employers to designate a competent person for their excavation sites.

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

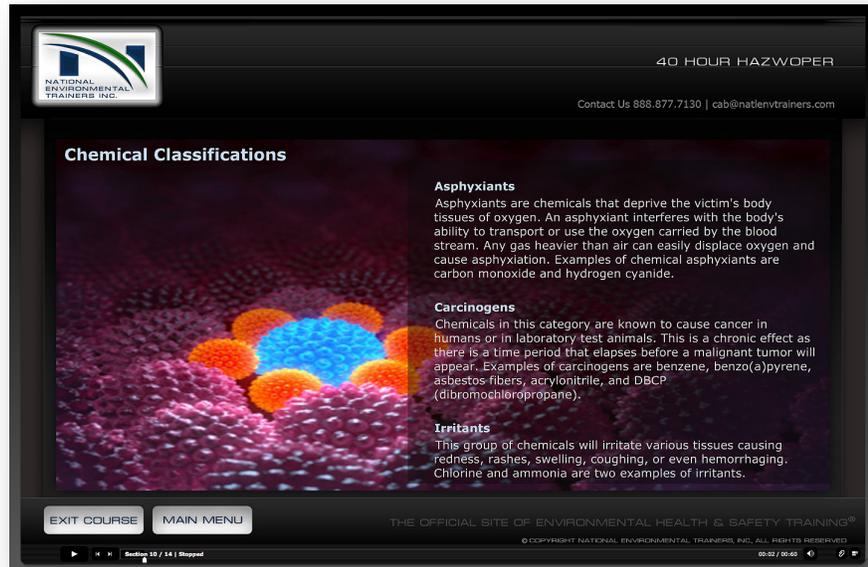
- Over 20 interactive flash animations
- Approximately 4 modules
- Award winning content - CEU's
- Self grading quizzes and final exam
- OSHA Study Timer (tracks your study time login and logout at your convenience)
- Certificate of Completion (3 certificates) e-cert, 8x10 and wallet card (instant download 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 1926.650 subpart P regulations, this training is required for workers and supervisors who work in trenches and excavations. OSHA requires that at least one person be trained as a competent person for excavation sites.

Note: The Competent Person designation is an employer designation and this training will help satisfy this requirement. However, the employer is responsible for actually making this determination.

This training explains shoring, sloping & benching, and trench boxes. Soil testing is also discussed as well as hazardous atmospheres within excavations.



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

Certain activities or safety procedures at a construction site require design, inspection or supervision by a competent person. The OSHA Construction Standard defines a competent person as someone who is:

- capable of identifying existing and predictable hazards in the surroundings, or
- working conditions which are unsanitary, hazardous, or dangerous to employees, and
- who has authorization to take prompt corrective measures to eliminate them.

Trenching and excavation work is dependent on these specialized employees because its highly technical nature, as well as its inherent hazards, require a greater level of training and experience than a normal worker would possess. The items below specify the trenching and excavation activities where a competent person is necessary.

While this training course is very comprehensive, additional site-specific training must be taken for certain hazardous situations 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: Introduction and Excavation Requirements

OSHA Excavation Standard
General Requirements of 29 CFR, Subpart P
Excavations
The Competent Person
Responsibilities of the Competent Person

Module 2: OSHA Soil Classification

Stable Rock
Soil Types A, B and C
OSHA Accepted Methods for Soil Classification
OSHA Accepted Field Test Methods
Visual Test
Manual Tests

Module 3: Requirements for Protective Systems

Sloping, Shoring and Shields
Options for Protective Systems
Sloping and Benching
Maximum Allowable Slopes for OSHA Soil Types
Distressed Soils
Shoring and Shielding Systems
Timber Shoring
Aluminum-Hydraulic Shoring Systems
Trench Shields (Boxes)
Safe Entry and Exit
Excavation Policy

Module 4: Installation and Removal of Protective Systems

Materials and Equipment
Mechanics of a Cave-In
What Makes Trenches Hazardous?



Final Exam