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The Official Site of Environmental Health & Safety Training®

Compressed Gas Cylinder Safety

29 CFR 1910.101

Course Description

2017



Hazards associated with compressed gases include oxygen displacement, fires, explosions, and toxic gas exposures, as well as the physical hazards associated with high pressure systems.

Cost: \$50.00 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)

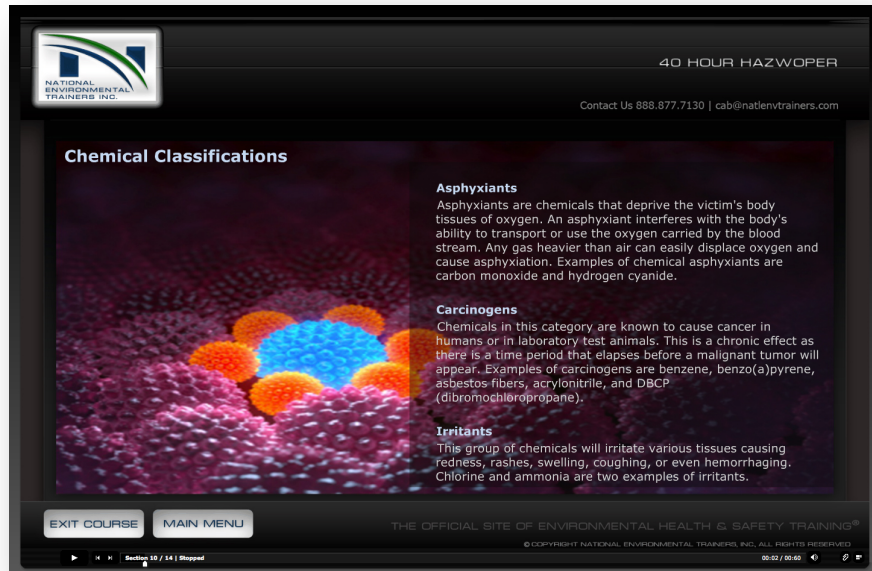
Course Description

In compliance with OSHA 29 CFR 1910.101 regulations, this course addresses many of the hazards and safe working conditions for Compressed Gas Cylinder Safety.

Many industrial and laboratory operations require the use of compressed gases for a variety of different operations. Depending on the particular gas, there is a potential for simultaneous exposure to both mechanical and chemical hazards.

Gases may be:

- Flammable or combustible
 - Explosive
 - Corrosive
 - Poisonous
 - Inert
- or a combination of hazards



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

Hazards associated with compressed gases include oxygen displacement, fires, explosions, and toxic gas exposures, as well as the physical hazards associated with high pressure systems. Special storage, use, and handling precautions are necessary in order to control these hazards. Compressed gas and equipment is addressed in specific standards for the general industry, shipyard employment, marine terminals, and the construction industry.

Upon completion of Compressed Gas Cylinder Safety training, the student will be familiar with:

- Definition of a compressed gas
- Definition of a cryogenic liquid

- Proper handling procedures
- Proper compressed gas storage procedures
- The hazards associated with compressed gases, such as the high pressure and damage to cylinder causing the cylinder to become a missile
- The hazards of cryogenic liquids
- The PPE required for the compressed gases and cryogenic liquids

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: Compressed Gases

Introduction

Types of Compressed Gases Identification

Module 2: Handling and Use

Gas Cylinders in Use Valve Connections Regulators

Module 3: Cylinder Leaks

Detecting Leaks Control of Leaks

Module 4: Transportation and Storage

Transportation of Cylinders

Storage of Cylinders

Empty Cylinders

Segregation of Cylinders

Compressed Gas Cylinders and Torpedoes

Final Exam

