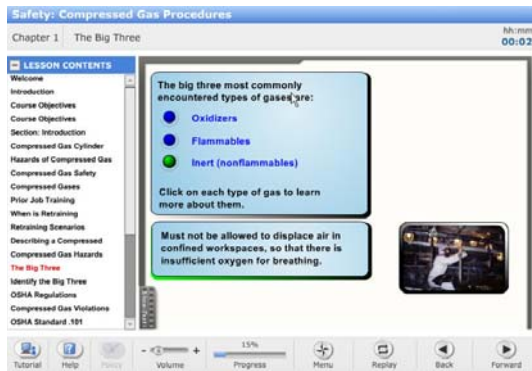


Safety: Compressed Gas Procedures

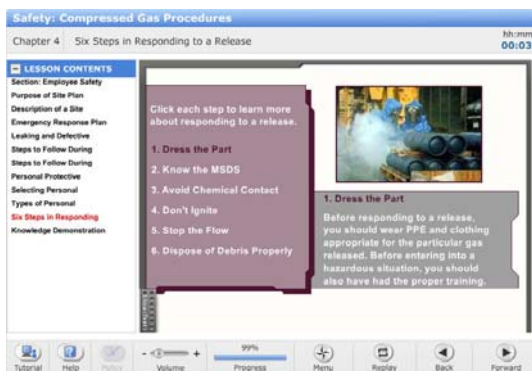
Compressed gases are used in a wide variety of industries and present hazards beyond those associated with the gases themselves. This course will help both employers and employees control the physical and health hazards associated with compressed gases. By taking this course, employees will gain the skills and knowledge needed to work safely with compressed gases.



Objectives:

- Discuss the physical properties of commonly-used compressed gases
- Explain the steps in visual and other inspections of compressed gas cylinders, regulators, and associated fittings
- Describe safe in-plant handling and storage of compressed gases in cylinders, portable tanks, rail tankcars, or motor vehicle cargo tanks
- Describe safe utilization of compressed gases in cylinders, portable tanks, rail tankcars, or motor vehicle cargo tanks
- Discuss the use of safety relief devices for compressed gas containers
- Discuss basic hazard recognition and control procedures
- Discuss safety planning that should be in place before any emergency involving compressed gases occurs
- Explain the steps in responding to emergency situations involving compressed gases

Audience: Any employees working in an area where compressed gases are shipped, stored, or in use; including department and maintenance managers, shipping and receiving employees, and construction workers.



Primary Regulations: OSHA 29 CFR, 1910.101, Compressed gases (general requirements)

Related Regulations: OSHA 29 CFR 1910.94, Ventilation; OSHA 29 CFR 1910.102, Acetylene; OSHA 29 CFR 1910.104, Oxygen; OSHA 29 CFR 1910.110, Storage and Handling of Liquefied Gases; OSHA 29 CFR 1910.120, Hazardous Waste Operation

Duration: 45-60 minutes



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