



Colston Safety and Training, Inc.  
**HAZARDOUS MATERIALS**

Brief: Thousands of workers will be involved in the task of cleaning up the existing environmental problems and potential emergencies resulting from many years of inadequate storage and disposal of the nation's hazardous waste. These workers must be properly trained to ensure their right to a safe and healthful workplace is provided. The training program we have developed will give the HAZMAT worker the necessary information and hands-on training that he/she needs to work safely in any hazardous material environment they might encounter.

**ADDITIONAL ATTENDEE INFORMATION**

Treatment, Storage & Disposal Site workers	- 24 Hrs. (Day 1-Day 3)
Hazardous Waste Clean-Up Site Workers	- 40 Hrs. (Day 1-Day 5)
Annual Required Refresher	- 8 Hrs. (Day 1)

**TOPICS**

**Day 1**

- Laws
- The Levels of Training
- 29 CFR 1910.1200 Hazard
- Communication Standard
- Hazardous Substance
- Material Safety Data Sheets
- Control Methods
- Personal Protective Equipment

**Day 2**

- Toxicology
- Hazard Recognition
- Health Effects
- Safety and Health Plan
- Communications
- Sampling Techniques and Air
- Monitoring
- Safe Material Handling Techniques

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### Day 3

- Confined Space Entry
- Introduction
- Permit
- Pre-Entry
- Pre-Entry Checklist
- Lockout/Tagout
- Confined Space Entry
- Personal Protective Equipment
- Fall Protection
- Respiratory Maintenance Program and Inspection Procedures
- Cleaning, Repair and Storage of Respirators
- Emergency Rescue
- Levels of personal Protective Equipment
- Decontamination
- Hydrogen Sulfide (H<sub>2</sub>S)
- Introduction
- Characteristics
- Effects on Individuals
- Concentration Levels
- Detection
- Precautions
- Emergency Rescue and First Aid
- Respiratory Protection Policy
- Respiratory Hazards
- Respiratory Emergencies
- Personal Protective Equipment

### Day 4

- HM 126/181 Handling and Shipping of Hazardous Materials
- General
- Hazardous Materials
- Packaging and Marking
- Labels
- Documentation
- Placards
- Loading and Storage
- Regulations

## Day 5

- Super Fund Community Relations
- Field Exercises
- Practical Use of Personal Protective Equipment
- On-site Demonstration
- Review for Final Examination
- Final Test and Critique

## COMPLIANCE REQUIREMENTS

Hazardous Waste Operations and Emergency Response (HAZWOPER 29 CFR 1910.120) Hazard Communication (HAZCOM 29 CFR 1910.1200)