



## **HAZARDOUS WASTE WORKER TRAINING**

### **AGENDA**

#### **Day 1**

- ❖ Introduction to OSHA
  - OSHA's Mission
  - OSHA Standards
  - Employer Responsibilities
  - Worker Rights/Responsibilities
  - Enforcing Standards
  - Reporting Safety Hazards
  - Whistleblower Protection
  - Worker Resources
- ❖ Falls
  - Define Fall Hazards
  - Identify the Major Types of Fall Hazards
  - Self-Protection from Fall Hazards
  - Recognize Employer Fall Protection Responsibilities
- ❖ Electrocution
  - Define Electrocution Hazards
  - Identify the Major Types of Electrocution Hazards
  - Self-Protection from Electrocution Hazards
  - Recognize Employer Electrocution Protection Responsibilities
- ❖ Personal Protective & Lifesaving Equipment (PPE)
  - Describe the Hierarchy of Controls as it Relates to PPE
  - Identify the Types of PPE
  - Explain PPE Training Requirements
  - Recognize Employer PPE Responsibilities
- ❖ Struck-By
  - Define Struck-By Hazards
  - Identify the Major Types of Struck-By Hazards
  - Self-Protection from Struck-By Hazards
  - Recognize Employer Struck-By Protection Responsibilities
- ❖ Caught-In or Between
  - Define Caught-In or Between Hazards
  - Identify the Major Types of Caught-In or Between Hazards
  - Self-Protection from Caught-In or Between Hazards
  - Recognize Employer Caught-In or Between Protection Responsibilities



## Day 2

- ❖ Health Hazards in Construction
  - Identify Common Health Hazards
  - Describe Common Types of Health Hazards
  - Apply Health Hazard Protection Methods
  - Recognize Employer Fall Protection Responsibilities
- ❖ Stairways and Ladders
  - Identify Types of Stairways and Ladders
  - Describe Hazards Associated with Stairways and Ladders
  - Describe Protection Methods for Stairways and Ladders Hazards
  - Recognize Employer Stairway and Ladder Hazard Protection Requirements
- ❖ Tools - Hand and Power
  - Identify Commonly Used Construction Tools
  - Describe the Types of Hazards Associated with Tools
  - Describe Tool Guarding Requirements
  - Describe Safe Methods of Working with Various Tools
  - Recognize Employer Requirements to Protect Workers from Tool Hazards
- ❖ Hazardous Materials Introduction
  - Identify the origin of OSHA Regulations
  - Describe the OSHA Standard Codification System and Letters of Interpretation
  - Describe Employer/Employee responsibilities Outlined in the OSH act
- ❖ Hazardous (Classified) Locations
  - Identify the Relevant Standards for Hazardous Locations
  - Describe the Type, Condition, and Nature of Hazardous Locations
  - Identify Electrical Equipment Suitable for the Types of Hazardous Locations



### Day 3

- ❖ Flammable Liquids
  - Identify the Relevant Standards for Flammable Liquids
  - Define Key Terms Related to Flammable Liquid Storage and Use
  - Differentiate Flammable Liquid Classifications in OSHA Regulations and NFPA 30
  - Identify the Primary Hazards Related to Storage and Use of Flammable Liquids
  - Describe the Key Regulatory Elements Related to Flammable Liquid Container, Portable Tanks, and Cabinets
  - Describe the Key Regulatory Elements Related to Flammable Liquid Storage Inside and Outside Buildings.
- ❖ Spray Finishing
  - Identify the Relevant Standards for Spray finishing using flammable and combustible materials
  - Define Key Terms Related to Spray finishing using flammable and combustible materials
  - Identify primary hazards related to Spray finishing using flammable and combustible materials
  - Describe the Key Regulatory Elements Related to Dry Type Spray Booth Wiring Conformance Methods, Ventilation, and Fire Protection
- ❖ Dipping and Coating Operations
  - Identify the Relevant Standards for Dipping and Coating Operations
  - Identify primary hazards related to Dipping and Coating Operations
  - Define Key Terms Related to Dipping and Coating Operations
  - Recognize Wiring Conformance Methods for Dipping and Coating Operations
  - Describe the Key Regulatory Elements Related to Dipping and Coating Operations' Equipment and Facilities
- ❖ Permit-Required Confined Spaces (PRCS)
  - Identify the Relevant Standards for PRCS
  - Define Key Terms Related to PRCS
  - Differentiate between Confined Space and PRCS Regulatory Requirements
  - Identify primary hazards related to PRCS



## Day 4

- ❖ Compressed Gasses
  - Identify the Relevant Standards for movement, storage and use of compressed gases, acetylene, and nitrous oxide
  - Identify primary hazards related to movement, storage and use of compressed gases, acetylene, and nitrous oxide
  - Interpret the Meaning of Compressed Gas Cylinder Markings
  - Describe the Key Regulatory Elements Related for movement, storage and use of compressed gases, acetylene, and nitrous oxide
- ❖ Liquefied Petroleum Gases (LPG)
  - Identify the Relevant Standards for Liquefied Petroleum Gases
  - Identify primary hazards related to Storage and Handling.
  - Describe the Common Causes and Primary Hazard Controls for Boiling Liquid Expanding Vapor Explosions (BLEVE)
  - Describe the Key Regulatory Elements Related to LPG Storage Inside and Outside Buildings
  - Describe the Key Regulatory Elements Related to LPG Container Filling

## Day 5

- ❖ Anhydrous Ammonia
  - Identify the Relevant Standards for Anhydrous Ammonia Storage, Use, and Process Safety Management
  - Define Key Terms Related to Anhydrous Ammonia Handling and Storage
  - Describe the Primary Hazards Related to the Handling, Storage and Distribution of Anhydrous Ammonia
  - Describe the Key Regulatory Elements Related to Anhydrous Ammonia Handling, Storage, and Distribution
- ❖ Cryogenics and Refrigerated Liquids
  - Identify the Relevant Standards for Common Cryogenic Liquids
  - Define Key Terms Related to Hydrogen Storage and Use
  - Identify Common Hazards Related to Storage and Use of Cryogenics and Refrigerated Liquids
  - Describe the Key Regulatory Elements Related to Hydrogen storage Inside Buildings
- ❖ End of Course Activities
  - Course Review
  - Knowledge Challenge