



Course Title: Hazard Communication

Time: 1 hour

Course Outline Sections:

- Hazard Communication
 - Notable Changes
 - Benefits of Adopting the Globally Harmonized System
- Organization of Standard
 - Organization of the Hazard Communication Standard
 - Purpose
 - Scope and Application
 - Definitions
 - Hazard Classification
 - Written Hazard Communication Program
 - Labels and Other Forms of Warning
 - Safety Data Sheets (SDS)
 - Employee Information and Training
 - Trade Secrets
 - Effective Dates
 - Appendices (A-F)
 - A – Purpose
 - Classification
 - Hazard Class
 - B – Scope and Application
 - Coverage
 - Practical Accommodations
 - Interfacing with Federal Laws
 - C – Definitions
 - Removed Terms



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- Revised Definitions
- New Additions for Classification
- Signal Word
- D – Hazard Classification
 - Responsibility for Classification
 - Determining Hazards
 - Employer Role
- E – Written Hazard Communication Program
 - Requirement
 - Key Components of the Program
 - Maintenance and Updates
- F – Labels and Other Forms of Warning
 - Requirements for Shipped Containers
 - Labeling Specifications
 - Guidance for Compliance
- Pictograms
 - Flame Over Circle → Oxidizers
 - Flame → Flammables
 - Exploding Bomb → Explosives
 - Skull and Crossbones → Acute Toxicity (Fatal or Toxic)
 - Corrosion → Skin Corrosion/Burns
 - Gas Cylinder → Gases Under Pressure
 - Health Hazard → Carcinogen
 - Environment → Aquatic Toxicity (Non-Mandatory)
 - Exclamation Mark → Irritant, Skin Sensitizer
- Label Example
- Workplace Labeling
- G – Safety Data Sheets
- 16 Sections of the Safety Data Sheet
 - Identification
 - Hazard Identification



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- Composition
- First-Aid Measures
- Firefighting Measures
- Accidental Release Measures
- Handling and Storage
- Exposure Controls/Personal Protection
- Physical and Chemical Properties
- Stability and Reactivity
- Toxicological Information
- Ecological Information
- Disposal Considerations
- Transport Information
- Regulatory Information
- Other Information
- H – Employee Information and Training
 - Label Training
 - SDS Training
 - Training Timing
- I – Trade Secrets
 - Overview
 - Chemical Identity Protection
 - Conditions for Release
 - Mixture Percentages
- Secondary Labeling
- Conclusion
 - Compliance Dates
 - Personal Protection Equipment and Assessment
- QUIZ: Hazard Communication