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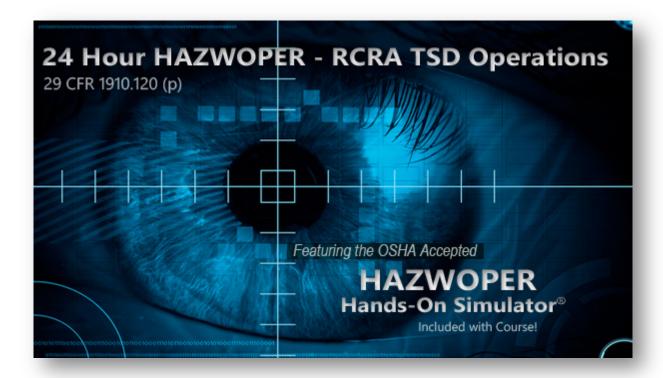
The Official Site of Environmental Health & Safety Training®

24 Hour HAZWOPER - RCRA TSD Operations

29 CFR 1910.120 (p)

Course Description

2017



This course features the exclusive OSHA accepted HAZWOPER Hands-on Simulator®. The simulator offers a stunning 3D environment for the proper donning and doffing of personal protective equipment (PPE).

Cost: \$295.00 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

- Includes 14 full length videos
- HAZWOPER Hands-on Simulator® (OSHA Accepted)
- Over 75 interactive flash animations
- Approximately 86 modules
- Award winning content CEU's
- Self grading guizzes 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)
- HAZWOPER 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 1910.120 (p) regulations, this training is required for individuals who plan to work in a area that is defined as a RCRA Treatment Storage or Disposal (TSD) facility. Upon successful completion of the course, students will receive a certificate of completion accepted by regulatory agencies.

Facilities that have the potential for an emergency to occur due to an uncontrolled release of hazardous substances or hazardous raw materials are required to provide training required under HAZWOPER 29 CFR 1910.120 paragraph (q). Employers who have hazardous waste storage areas must provide training required under either 29 CFR 1910.120 (p)(8) or (q) for those areas.

The course consists of modules (approximately 86 modules) with the use of multimedia components for an engaging experience. This course is intended for RCRA TSD site personnel, e.g., supervisors, environmental professionals, workers, decon personnel etc. The initial training for new employees exposed to health hazards or hazardous substances at TSD facilities must be 24 hours.



Aesthetically pleasing course layout that is user friendly. Professional voice-overs, animations and high definition photographs. Self-grading quizzes and final exam.

Refresher training must be for eight hours annually. The training must be incorporated into the employer's safety and health program.

Employers must also train employees on site specific use of PPE. This is a site-specific requirement and typically cannot be achieved in a regular public seminar or open enrollment class where training on a respirator(s) or PPE in general does not meet the site-specific regulatory requirement.

Course Overview

In compliance with the Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1910.120 (p), the 24-hour training is to certify individuals who have a role in Hazardous Waste Operations and Emergency Response (HAZWOPER) operations at RCRA Treatment Storage and Disposal facilities. This training course offers 24 hours of online instruction. The course is a combination of: web-based instruction interactive exercises, audio narration of text, videos, animations, self-grading quizzes, and a final exam. Our OSHA Study Timer is also used to comply with the 24 Hour HAZWOPER training requirement. A student cannot take the final exam until this time requirement is met. Once a student successfully completes the training, an e-certificate will be issued and the original certificates (8x10 and wallet card size) will be mailed. The 24 Hour HAZWOPER Course is taken online. As with any training (classroom or online) the employer is required by regulations to train the employee(s) on performance based standards for equipment.

This course features our exclusive **OSHA** accepted HAZWOPER Hands-on Simulator and is divided into 86 modules.

While this training course is very comprehensive, additional site-specific training must be taken for certain hazardous materials/environments that may be encountered at different sites. This is an employer obligation.

Support

Includes 24/7 **U.S. Based** support. An experienced and highly qualified HAZWOPER 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

24 hours (OSHA 24 Hour HAZWOPER Training

Requirement) Note: OSHA requires the 24 hour course will take a minimum of 24 hours of actual study time. Anything less will not comply with the OSHA standard. Our course allows you to login and logout at any time increment in order to fit your schedule. When you logout, the course will be bookmarked so you can begin where you left off. The study timer will also accrue your time and will begin where you left off in the course.

Continuing Education Units (CEU's)

This 24 hour HAZWOPER course has been awarded 4.00 Industrial Hygiene CM Points by the American Board of Industrial Hygiene (ABIH) - approval number 13334. This course is eligible for 2.00 Continuance of Certification (COC) points from the Board of Certified Safety Professionals (BCSP).

Prerequisites

None

Table of Contents

Module 1: Regulatory Overview

EPA OSHA Levels of Training

Module 2: Hazard Communication (HAZCOM)

Regulatory Overview
Requirements of the HAZCOM Standard
Hazard Evaluation

Module 3: HAZCOM Safety Data Sheets (SDS)

SDS Form
SDS Form Explained
Container Labeling Requirements

Module 4: HAZCOM Hazardous Materials Identification System (HMIS)

HMIS Labels DOT Labels HMIS Labels Explained

Module 5: Roles and Responsibilities Part 1

Organizational Structure Essential Personnel Health and Safety Plan (HASP) "Overall I thought your 8 Hour HAZWOPER Refresher was very good..."

J. Staples, OSHA

Module 6: Roles and Responsibilities Part 2

Optional Personnel Lines of Authority

Module 7: HAZWOPER Site Control

Site Map Site Preparation

Module 8: HAZWOPER Site Zones

Site Zones Explained Establishing the Hot Line The Buddy System

Module 9: HAZWOPER Support Zones

Site Security Communication Systems

Module 10: General Health and Safety Plan Guidelines

Health and Safety Guidelines Overview of Health and Safety Plan

Module 11: Medical Surveillance Part 1

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Module 12: Medical Surveillance Part 2

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Periodic Medical Monitoring
Examination After Injury
Termination Exam

Module 13: Hazard Recognition

Injury Prevention
Boiling Point, Vapor Pressure, Vapor Density, pH,
Flashpoint
Oxidizers
Lower/Upper Explosive Limits
Flammability

Fire Triangle SDS

Module 14: Respiratory Protection Part 1

Respirator Protection Program Respirator Types Selection of Respiratory Equipment

Module 15: Respiratory Protection Part 2

Air-purifying Respirators Combination Canisters and Cartridges Types of APR Face Pieces

Module 16: Respiratory Protection Part 3

Supplied Air Respirators (SAR) Self Contained Breathing Apparatus (SCBA) Combination SCBA/SAR

Module 17: Respiratory Protection Part 4

Chemical Concentration Protection Factors Calculating Protection Factors

Module 18: Respiratory Protection Part 5

Respirator Fit Test (Quantitative and Qualitative)
Respiratory Maintenance
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How Respirators Work
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Module 19: Personal Protection Equipment (PPE)

Part 1 Clothing and Ensembles Developing a PPE Program Training Program Review and Evaluation

Module 20: Personal Protection Equipment (PPE) Part 2

Level A Level B Level C Level D

Selecting the level of protection

Module 21: Personal Protection Equipment (PPE) Part 3

Protective Clothing
Inspection and Maintenance of Protective Clothing
Selection of Chemical Protective Clothing
Permeation and Degradation
Work Mission Duration

Module 22: Personal Protection Equipment (PPE) Part 4

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Module 23: Personal Protection Equipment (PPE) Part 5

Reasons to Upgrade/Downgrade PPE PPE Inspection Program Proper Storage PPE Before Use Inspection

Module 24: Personal Protection Equipment (PPE) Part 6

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Donning and Doffing
Clothing Reuse
Heat Stress and Monitoring
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Heat Cramps
Heat Stroke

Module 25: Personal Protection Equipment (PPE) Part 7

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Module 26: Decontamination Part 1

Decon Plan and Procedures
Standard Operating Procedures
Maximizing Worker Protection from Hazardous
Wastes
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Levels of Contamination

Module 27: Decontamination Part 2

Personal Decon Station Extent of Decon Required Types of Contamination Amount of Contamination Levels of Protection

Module 28: Decontamination Part 3

Decon of Personnel and Equipment Decon During Medical Emergencies Physical Injury Heat Stress

Module 29: Decontamination Part 4

Protection for Decon Workers Decon Procedures Chemical and Physical Removal of Contamination

Module 30: Decontamination Part 5

Persistent Contamination
What if Decon procedure has not worked?
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Fundamentals that Affect Permeation of Protective
Clothing
Substance and Tools for Effective Decontamination

Module 31: Decontamination Part 6

Disposal of Contaminated Equipment and Materials Decon Tools, Devices and Equipment Disposal of Contaminated Materials Health and Safety Hazards of Decontamination Decon Facility Design

Module 32: Handling Drums Part 1

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Module 33: Handling Drums Part 2

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Other Containers and Incompatible Chemicals
Explosive and Shock Sensitive Wastes
Bulging Drums
Lab Packs
Leaking, Open and Deteriorated Drums
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Module 34: Handling Drums Part 3

Sampling and Staging Drum Sampling Bulking Shipping

Module 35: Placards and Labeling NFPA Hazardous System Identification

DOT Placards

Module 36: Excavations Part 1

OSHA Excavation Standard General OSHA Requirements Competent Person

Module 37: Excavations Part 2

OSHA Soil Classification
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Module 38: Excavations Part 3

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Module 39: Confined Spaces

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Module 42: Confined Space Pre-Entry Procedure Part 2

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Module 43: Confined Space Entry

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Module 44: Confined Space Protective Devices, Controls, and Monitoring Part 1

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Module 47: Confined Space Hazards

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Module 48: Site Characterization Part 1

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Module 49: Site Characterization Part 2

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Module 50: Toxicology Part 1

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Toxicology
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Module 51: Toxicology Part 2

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Module 52: Toxicology Part 3

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Module 53: Hazard Recognition Part 1

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Module 54: Hazard Recognition Part 2

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Module 55: Hazard Recognition Part 3

Site and Equipment Hazards Noise Heat Stress Heat Stroke Cold Stress

Module 56: Hazard Recognition Part 4

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Module 57: Chemical Awareness Part 1

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Module 58: Chemical Awareness Part 2

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Module 59: Chemical Awareness Part 3

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Module 62: Chemical Awareness Part 6

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Module 63: Chemical Awareness Part 7

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Radiation Exposure and Protection Acute and Chronic Radiation Exposure Transferable Contamination Radiation Protection Sources of Exposure

Module 65: Air Monitoring Part 1

Requirements for Air Monitoring Devices Sampling Methods Air Monitoring Equipment Characteristics

Module 66: Air Monitoring Part 2

Types of Direct Reading Instruments Calibration Toxic Atmosphere Monitors

Module 67: Air Monitoring Part 3

Types of Direct Reading Instruments Cont'd Photoionization Detector (PID) Flame Ionization Detector (FID) Radiation Monitors OSHA Action Levels

Module 68: Air Monitoring Part 4

Active and Passive Sampling Equipment Personal Monitors Radiation Dosimeters Calibration Personal Sampling Plan

Module 69: Air Monitoring Part 5

OSHA Exposure Limits Measuring Particles, Gases and Vapors Permissible Exposure Limit (PEL) Time Weighted Averages (TWA) Calculating TWAs "We really enjoyed the content and the delivery of your training".

S. Maide, U.S. EPA

Module 70: Air Monitoring Part 6

Site Monitoring
Monitoring for Immediately Dangerous to Life and
Health (IDLH)
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Module 71: Hazardous Materials Sampling Part 1

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Module 72: Hazardous Materials Sampling Part 2

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Module 73: Hazardous Materials Sampling Part 3

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Module 74: Site Emergencies Part 1

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Module 75: Site Emergencies Part 2

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Module 76: Site Emergencies Part 3

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Module 77: Emergency Response Procedures and Documentation

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Module 78: Hazardous Waste Regulations

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Module 79: Generator Requirements

Generator Classifications
Typical RCRA Hazardous Wastestreams
Generator Requirements
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Hazardous Waste Identification
Listed Hazardous Waste
Characteristic Hazardous Waste
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Contained In Policy

Module 80: Hazardous Waste Storage and Disposal Regulations

Container Labeling
Proper Containers Storage of Hazardous Waste
Requirements for Satellite Accumulation Areas
Requirements for 90 Day Storage
Permitted Treatment Storage and Disposal Facilities

Module 81: Chemical Compatibilities

Chemical Compatibilities Chemical Incompatibilities

Module 82: Other Regulated Waste

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Module 83: Emergencies and Spill Response

Preparing for Emergencies and Preventing Accidents Emergencies and Spill Response Emergency Response Coordinator Responsibilities Requirements for Emergencies Emergency Planning Requirements for Large Quantity Generators

Module 84: Offsite Shipments

Choosing a Hazardous Waste Transporter and TSDF Preparing your Hazardous Waste for Shipment The Hazardous Waste Manifest Land Disposal Restriction Notice Biennial Reports

Module 85: Used Oil

What is Used Oil?
Types of Used Oil What is a Used Oil Generator?
What Can Generators Do with Their Used Oil?
Burning Used Oil From Generators
What About PCBs?
What About Used Oil Filters?
Recycling and Pollution Prevention Opportunities



Module 86: Universal Wastes What Is Universal Waste? EPA Criteria For Universal Waste

EPA Criteria For Universal Waste
Types of Universal Wastes Labeling and Storage
Requirements

HAZWOPER Hands-On Simulator

Final Exam