RENEW SAFETY

POWER PRODUCTION - CONSTRUCTION - INDUSTRIAL

Hazardous Material Transportation

Participants learn how to safely identify, prepare, and transport hazardous materials while meeting federal transportation regulations. The training focuses on hazard recognition, proper documentation, packaging, labeling, and incident response procedures

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OUR COURSE OVERVIEW

This instructor-led training focuses on the safe and compliant transportation of hazardous materials in accordance with federal regulations.

The course explains the Hazardous Materials Regulations (HMR) under Title 49 of the Code of Federal Regulations (49 CFR). Participants learn how to classify hazardous materials, determine proper shipping names, prepare shipping papers, and apply required markings, labels, and placards to shipments.

Safety training is most effective when workers understand both the hazards involved and the procedures required to manage them. This course prepares employees to follow proper transportation practices and respond appropriately to incidents involving hazardous materials.

Our programs are structured to provide practical training for employees responsible for preparing, handling, or transporting hazardous materials. The course emphasizes regulatory awareness, safety practices, and compliance procedures that help prevent incidents during transportation.

By combining regulatory knowledge with real-world safety practices, organizations can improve transportation safety, reduce environmental risks, and ensure materials are shipped legally and responsibly.

KEY LEARNING OBJECTIVES

What You Will Learn

- Recognize hazardous materials according to DOT hazard communication standards
- Use the Hazardous Materials Table (49 CFR 172.101) to determine shipping requirements
- Apply correct packaging, marking, labeling, and placarding procedures
- Prepare and review hazardous materials shipping documentation
- Understand emergency response information and incident prevention procedures
- Identify hazmat transportation security risks
- Follow regulatory requirements for loading, unloading, and transport

Together, all these key learning objectives help participants build the knowledge and confidence needed to plan and execute effective fall rescue procedures. By understanding regulations, equipment, and response strategies, workers and supervisors will be better prepared to respond quickly and safely when a fall incident occurs.

Hazard Recognition in Transportation Environments

Participants learn how hazardous materials are classified and communicated through labels, placards, markings, and documentation. The course also explains how different materials present different risks during loading, storage etc.

Safe Handling and Transportation Procedures

This course explains how to properly prepare hazardous materials shipments, apply regulatory requirements, and follow safe handling procedures. Participants learn how to prevent accidents, manage transportation risks, and respond effectively to incidents involving hazardous materials.

COURSE DETAILS

Prerequisites

No prior hazardous materials training is required. However, participants who work in shipping, logistics, warehousing, or transportation roles will benefit from understanding how hazardous materials may be encountered during normal operations.

Certification

Participants receive a certificate of completion after successfully meeting course requirements. Refresher training is required periodically to maintain compliance with hazardous materials transportation regulations.

Compliance

This course aligns with the Hazardous Materials Regulations under 49 CFR Parts 171-180 and includes the required training elements defined in 49 CFR Part 172 Subpart H, including general awareness, function-specific training, safety training, and security awareness training.

Target Audience

This course is intended for employees who directly affect hazardous materials transportation safety, including shipping personnel, warehouse workers, logistics coordinators, supervisors, and other hazmat employees as defined under 49 CFR regulations.

Course Code:	**DOT-HAZ-102**
Format:	**Instructor-Led Training**
Duration:	**~16 hours**

WHY TAKE THIS COURSE?

The Importance of Hazardous Materials Transportation

- Hazardous materials can pose serious risks during transportation if they are not properly identified, packaged, and documented.
- Incorrect handling procedures can lead to spills, fires, environmental damage, and serious safety incidents.
- Proper rescue procedures help protect workers after a fall arrest and improve overall job site safety.

Organizations that train employees in hazardous materials transportation improve workplace safety and reduce operational risk. Proper procedures help prevent accidents, protect workers and the public, and ensure hazardous materials are always handled responsibly throughout the transportation process.

Preparing Teams for Safe Transportation

A structured hazardous materials training program helps employees understand the responsibilities involved in shipping and transporting regulated materials. Training improves awareness of transportation hazards and proper procedures for documentation, labeling, packaging, and shipment preparation.

By preparing employees before hazardous materials are transported, organizations reduce the likelihood of incidents and ensure shipments are handled safely throughout the supply chain.

Supporting Safety Compliance

Hazardous materials transportation is regulated by the U.S. Department of Transportation through the Hazardous Materials Regulations (HMR). Organizations that ship hazardous materials must ensure employees are trained and follow proper regulatory procedures.

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Contact us to learn more about
course availability, group training,
and customized fall rescue instruction.

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