



HAZMAT - TRANSPORTATION OF HAZARDOUS CHEMICALS

OSHA	HAZMAT - Transportation of Hazardous Chemicals	Regulation 49 CFR 172.704(a)(1)
Course:	Hours Instruction	Prerequisites:
Hours:	Class Room	Fee:
Hours:	Field Instruction	CE Credits:

Regulations governing the transportation of hazardous materials and hazardous wastes are constantly revised and improved. More hazardous materials than ever are present on our nation's highways which brings increased awareness by enforcement agencies, news media and the public regarding the potential danger of hazardous materials resulting in stricter regulations and larger citations for violations of the HAZMAT regulations. This course of hazardous chemicals covers transportation on the ground, in the air and on water.

All workers employed in an industry that involves the transportation of hazardous materials must have DOT General Awareness training. This includes not just drivers and manufacturers, but anyone who manufactures, repairs, or reconditions containers used to transport hazardous materials.

Employers must train, test and certify their HAZMAT employees within 90 days of employment for new employees or employees who assume new HAZMAT-related responsibilities. Until they are trained, these employees may perform a hazardous materials employee function only under direct supervision. Recurrent training is required at least once every 3 years.

However, the FAA, under 14 CFR, requires training for air carrier employees every 2 years. Both the DOT and FAA require employers to maintain training records. Depending on your specific occupation, your employer may also require you to take OSHA, EPA, or other hazardous materials response training.

Who should take this course?

- Any person who offers a hazardous material for transportation
- Any person involved in the transportation of a hazardous material
- Any person who labels or marks packages that are being transported
- Any person who packages hazardous materials for shipment
- Any person who must select the different types of packaging that are required for the materials that you ship
- Transport drivers, materials handlers, document controllers and anyone else involved in any function of the transport process, from storage to delivery.

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DOT HAZMAT Training Guidelines:

- How to Use the HMR
- Hazardous Materials

Hazard Classes And Divisions

- Explosives
- Compressed Gases
- Flammable and Combustible Liquids
- Flammable Solids
- Oxidizers and Organic Peroxides
- Toxic Materials
- Radioactive Materials
- Corrosive Materials
- Miscellaneous Hazardous Materials
- Other Regulated Materials

Hazardous Materials Table - What is the HMT?

- Symbols
- Proper Shipping Names and Descriptions
- Hazard Class or Division
- ID Numbers and Packing Groups
- Label Codes and Special Provisions
- Packaging Requirements, Quantity Limitations, and Vessel Stowage
- Appendices A and B

Shipping Papers

- Completing Shipping Papers, Steps 1-3
- Exemptions and Special Permits
- Requirements by Mode of Transportation
- Technical Names, Exceptions, and Additional Information
- Hazardous Substances and Radioactive Materials
- Shipper's Certification
- General Formatting and Emergency Response

Marking - General Marking Requirements

- Non-bulk Packaging
- Bulk Packaging
- Identification Numbers
- Markings by Hazmat Type
- Markings by Bulk Packaging Type

Labeling - General Labeling Requirements

- Additional Labeling Requirements
- Labels by Class
- Label Specifications
- Label Placement

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- Labeling Exceptions
- Radioactive Materials

Placarding - General Placarding Rules

- Placard Types
- Placard Specifications
- Placarding Tables 1 and 2
- Subsidiary Hazard Placarding
- Mode of Transportation Placarding

Packaging - General Packaging Requirements

- Air Shipments
- Packaging Exceptions
- Leaking or Damaged Packages, Hazardous Waste, and Overpacks
- Department of Defense Packaging

Security Awareness

United Safety Solutions Course Covers:

- Identification of the basic HAZMAT hazard classes and divisions and their associated hazards
- Using the HAZMAT table to locate proper shipping names, identification numbers, hazard classes, packaging and labeling requirements
- Complete shipping papers with information needed for specific types hazardous materials
- Documentation for shipping papers and hazardous waste manifests
- Proper labeling, marking, and placarding required for hazardous materials and hazardous waste transportation
- Differences in packagings and which types of packagings are appropriate for specific hazardous materials.
- Promotes familiarity and understanding of hazardous materials transportation guidelines
- Protecting the health and safety of workers and the public
- Identify the proper shipping methods for hazardous materials in air, water, and land

Certification:

Successful completion requires 80% on both classroom and practical skills.

Upon successful completion, participants receive a wallet card, documentation to satisfy OSHA.