

DOT: HAZMAT: General Awareness and Shipping Papers

This course is designed to help you meet the DOT Hazardous Materials Transportation training requirements of 49 CFR. In addition to this general awareness course, you may also need to take "DOT: Security Awareness" as well as "DOT Safe Work Practices" training if you have never completed these topics. The DOT also requires you to train your students on any function-specific or location-specific information as well that are related to your site or the materials that you are shipping. This training is required for anyone who ships hazardous materials or dangerous goods using a ground shipping service. Is This Course DOT Approved? The answer is no, because the DOT, as a matter of policy, will not "approve" anyone's course. If a training vendor tells you otherwise, then you should look elsewhere. The DOT places the burden of the training on the employer. This course is designed to help you train students for ground shipments. This course is not recommended for air shipments or shipments that need to meet the requirements of IATA.

Audience

Training for persons who work around ground shipments of hazardous materials.

Topics

The course presents the following topical areas:

- Hazmat Regulations
 - Overview of the Hazardous Materials Regulations
 - Hazmat Employees and Training
- The Hazardous Materials Table
 - Contents and Organization Overview
 - Columns 1-4
 - Columns 4-10
 - Tables A and B
- Shipping Papers
 - Overview of the Basic Description
 - Contents of the Basic Description
 - Completing Shipping Paper information
 - The Emergency Response Guidebook
- Markings and Labels
 - The Hazard Classes and Labels
 - HMR Marking Definitions and Requirements
 - Other Important Labels and Markings
- Packaging
 - Defining a Package and the Packaging
 - Using the HMT for Packaging
 - Effective Packaging
 - Material Segregation

- Placarding and Transportation
 - Placarding Requirements
 - Placarding Placement
 - Location of Shipping Papers in Transit Vehicles

Intended Learning Outcomes

Upon successful completion of this course you will be better prepared to:

- Employ information on hazardous materials regulations.
 - Identify the Hazardous Material Regulations.
 - Identify the Hazardous Materials Table.
 - Define the term hazardous material.
 - Define a Hazmat Employer.
 - Define a Hazmat Employee.
 - Describe the four types of required Hazmat training.
- Use the hazardous materials table.
 - Identify the 10 columns of the HMT.
 - Describe the shipping regulations symbols.
 - Determine the correct shipping name.
 - Recognize abbreviations used in the description.
 - Recognize hazard classifications.
 - Use correct identification numbers.
 - Describe the 3 packing groups.
 - Locate packing regulations in the HMT.
 - Recognize the uses of Appendix A and B.
- Employ appropriate information to complete shipping papers.
 - Write the correct Basic Description of a Hazardous Material.
 - Use 4 methods to indicate Hazardous Materials on shipping papers.
 - Identify the correct placement of additional material descriptions.
 - Describe the requirements of the emergency contact.
 - Recognize the use of the Emergency Response Guidebook.
- Practice proper hazmat marking and labeling.
 - Recognize the 9 Hazard classes.
 - Describe HMR label requirements.
 - Define a marking according to the HMR.
 - Apply the HMT to complete package markings.
 - Describe the HMR marking requirements.

- Employ proper hazardous materials packaging procedures.
 - Describe HMR packaging requirements.
 - Define a package according to the HMR.
 - Define packaging according to the HMR.
 - Use the HMT to determine proper packaging.
 - Choose appropriate methods for handling damaged packages.
 - Describe steps to determine if materials are properly packed.
 - Recognize that some materials must be segregated.
- Practice proper HMR placarding and transportation procedures.
 - Describe HMR placarding requirements.
 - Identify the correct locations for Hazmat placards.
 - Explain the proper location of shipping papers in transit vehicles.
 - Practice procedures to check Hazmat shipments prior to unloading.



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