
RRI'S ADVANCED DOT WORKSHOP FOR INSPECTORS / ENFORCEMENT

Syllabus — Course 304

Cost: Call RRI for on-site training costs.

Length: 5 days

Target: Persons who must ensure a "packaged" hazardous material/waste, including radioactive material, is in full compliance with all applicable regulations. This includes, but is not limited to, traffic managers, traffic personnel, inspectors and enforcement personnel, hazardous waste management personnel, compliance personnel, QA/QC personnel and engineers.

Prerequisite: RRI's DOT Hazardous Materials Transport Workshop (Course 201)

Intensity: Mild Medium Challenging Extreme

Materials: RRI provides all training materials including the latest Mangan Communications, Inc. 49 CFR 100-185. Testing and course completion certificate are also provided.

Objectives & Topics:

Module 1: Review of the Basics

Prepare for transport a given hazardous materials.

1. Classify a material based on the DOT hazard classes and divisions.
2. Select the optimal proper shipping name.
3. Select the appropriate packaging based from the Hazardous Materials Table.
4. Decipher the UN packaging certification markings.
5. Recognize the general activity determination process for classifying radioactive materials.
6. Apply the DOT hazard communications to a given hazardous materials package and shipment.
7. Recognize the transport controls in place for a given hazardous materials shipment.

Module 2: Regulatory Acts and Laws

Recognize the scope of the Laws and Acts that interface DOT hazardous materials transportation.

1. Identify the regulatory interface for TSCA PCBs.
2. Identify the regulatory interface for NESHAP asbestos.
3. Identify the regulatory interface for OSHA hazard communications.
4. Identify the regulatory interface for RCRA hazardous wastes.
5. Identify the regulatory interface for CERCLA hazardous substances.
6. Identify the regulatory interface for NRC regulated radioactive material packages.
7. Identify the scope of the FHMTL.

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Module 3: Definition and Terminology

Define the language of the DOT hazardous materials regulations and other interfacing regulations.

1. Locate and define a given term.
2. Apply the definition of "in-transportation".
3. Identify the scope of a given term as it is applied to the DOT hazardous materials regulations.

Module 4: Classification and Identification

Properly identify a given hazardous materials.

1. Recognize the complexities of identifying a DOT hazardous materials when having to apply a DOT exception/allowance.
2. Describe the variation applied to a given DOT hazardous materials when an exception or allowance is employed.
3. State the identity of a multiple or mixed-hazard material or waste.

Module 5: Non-Bulk Package Selection and Operations

Recognize if the package is within scope of the given hazardous material or waste.

1. List the distinct groups of DOT packagings.
2. Recognize the packaging reliefs provided for a given exception or allowance.
3. Recognize the packaging requirements for a given exception or allowance.
4. Explain the difference between an "as used" and an "as tested" package configuration.
5. Verify that the material in the package is within scope of the UN performance standard for that package.
6. Identify the levels of packagings associated with Class 7 materials.
7. Associate a given Class 7 material to an authorized package(s).

Module 6: Hazard Communications for Non-Bulk Packages

Recognize if the package and shipment are in compliance with the given hazard communication requirements.

1. Recognize the hazard communications reliefs applicable to a given exception or allowance.
2. Verify that a given package exception or allowance is properly marked, labeled, and documented for transport, as applicable.
3. Apply the marking requirements interfaced by other Federal regulations applicable to PCBs, asbestos, and hazardous wastes.
4. Recognize the hazard communication substitutions authorized by the DOT hazardous materials regulations.

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Module 7: Transport Controls

Identify the transport controls established for a given highway movement of hazardous materials and wastes.

1. State the vehicle loading requirements applicable to a given material or hazard class/division.
2. Recognize the transport controls in place for Class 7 materials.

Module 8: Quality Assurance / Quality Control

Recognize the importance of establishing a QA/QC program for the inspection of DOT regulated hazardous materials/waste.

1. Apply the terms Quality Control, Quality Assurance, and Compliance Assurance as related to hazardous materials packaging and transport.
2. Identify the key elements in designing QA/QC or CA checklists.