

# Transportation Safety

## Department of Transportation (DOT)

### DOT Hazardous Materials General Awareness

#### Requirement References:

- DOT Office of Hazardous Materials Safety
- United States Code
- Hazardous Materials Table
- Code of Federal Regulations

#### Goal:

This course provides general awareness training of the basic requirements of the DOT, including the definition of hazardous materials. Employees who are responsible for the transport of hazardous materials will become familiar with regulations related to packaging, marking, labeling and shipping papers. This course can be used for either new employees or as recurrent training.

#### Objectives:

- Explain the function and importance of packaging, package labels, package marking, shipping papers, and vehicle placards
- Identify the nine hazmat classes and their divisions
- Explain the DOT rules for using the proper shipping names and the Hazmat Table

### DOT Training for Drivers of HAZMAT Shipments

#### Requirement References:

- DOT Office of Hazardous Materials Safety
- Code of Federal Regulations
- Emergency Response Guidebook
- 49 CFR Placards
- Hazardous Materials Table

#### Goal:

This course is designed to meet DOT requirements to train each HAZMAT employee who "drives a motor vehicle containing hazardous material." Because more hazardous materials are transported on highways than all other modes of transportation combined, DOT requires that HAZMAT drivers have highway-specific training, in addition to the basic HAZMAT training. This course provides basic HAZMAT training for drivers plus the highway-specific training in pre-trip safety inspections, general vehicle operation information, vehicle attendance requirements, and safe loading and unloading. This course can be used for either new employees or as refresher training.

#### Objectives:

- State the basic aspects of DOT training for drivers of hazardous materials.
- Identify the different hazardous materials classes and divisions.
- Use the Hazardous Materials Table and its appendices to properly name, label, and placard hazardous materials shipments.
- Follow proper procedures for driving a vehicle containing hazardous materials, including actions like inspecting, loading, and parking.
- Employ the best responses to different hazardous materials emergencies.



## **DOT Training for Offerers of HAZMAT Shipments**

### **Requirement References:**

- DOT Office of Hazardous Materials Safety
- United States Code
- Hazardous Materials Table
- Code of Federal Regulations

### **Goal:**

This course is designed to meet DOT requirements to train all employees who directly affect the safe transportation of hazardous materials. Such employees include those who load, unload, or handle hazardous materials; prepare hazardous materials for transportation; or are responsible for the safety of transporting hazardous materials. This course provides basic hazardous materials training for these employees plus training in DOT requirements for bulk and non-bulk packaging, labeling, loading, and unloading. This course can be used for either new employees or as recurrent training.

### **Objectives:**

- Explain the function and importance of packaging, package labels, package marking, shipping papers, and vehicle placards.
- Identify the nine HAZMAT classes and their divisions.
- Explain the DOT rules for using the proper shipping names and the HAZMAT Table.
- Describe safety considerations for handling hazardous materials.
- Explain the difference between bulk and non-bulk packaging.
- Describe the requirements for labeling non-bulk packages.
- Describe the general marking and placarding requirements for bulk containers.