



## **M&A Safety Services**

512 Viaulet Road  
Youngsville, Louisiana 70592  
Main: 337-451-4685  
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[www.masafetyservices.com](http://www.masafetyservices.com)

### **DOT HAZMAT 126F**

#### **Course Outline**

**Prerequisites:** This course shall have no formal pre-requisite.

**Course Length** – 4 hours - Course length shall vary depending on the number of delegates. Total course time includes breaks.

**Class Size:** The maximum number of delegates that may be trained and tested per instructor shall be thirty-five (35) in the classroom session.

#### **Course Objective**

- Train employees on the Department of Transportation (DOT) shipping, labeling and transport requirements associated with hazardous materials.
- Delegates should be able to demonstrate the necessary skills during practical examination and demonstrate knowledge during written examination.

#### **Course Design**

- Power Point© / Lecture / Audio Video / Visual Aids
- Demonstrations

#### **Successful Course Completion**

- Requires a minimum score of 75% or better.
- Delegates will have no more than thirty (30) minutes to complete the exam.
- Grades shall be calculated by dividing the number of questions answered correctly by the total number of exam questions.

#### **Course Content Summary**

- Classroom

**Breaks:** 10 minutes (approximately every hour)

**Lunch:** 1 Hour (if applicable)

#### **Course Outline**

##### About HAZMAT

- Hazardous Material Transportation Act (HMTA)
- Hazardous Material Regulations
- Enforcement Authorities
- Penalties
- Employee Training Requirements



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- Administrative Training Requirements
- HAZMAT Definitions
  - Hazardous Material
  - HAZMAT Employee
  - Cycle of Transportation
  - Shipper
  - Hazardous Substance
  - Reportable Quantity (RQ)
  - Marine Pollutant
- Hazard Classes
  - Class 1 – Explosives
  - Class 2 – Compressed Gases
  - Class 3 – Flammable Liquids
  - Class 4 – Flammable Solids
  - Class 5 – Oxidizers and Organic Peroxides
  - Class 6 – Poisonous and Infectious Materials
  - Class 7 – Radioactive Materials
  - Class 8 – Corrosive Materials
  - Class 9 – Miscellaneous Hazardous Materials
- Five Steps to HAZMAT Compliance

### Step 1 – Classification

- Obtain Shipping Description
- Review the Hazardous Material Table
  - Column 2 - Material Description, Proper Shipping Name
  - Column 3 – Hazard Class/Division
  - Column 4 – Identification Numbers

### Step 2 – Packaging

- General Packaging Requirements
- Review Hazardous Material Table
  - Column 5 – Packing Groups
    - PG I, II, III
  - Column 7 – Special Provisions
  - Column 8 – Packaging Requirements
- UN Specification Codes
  - Example on Box and Drum
- Performance Orientation Packaging Example

### Step 3 – Marking/Labeling

- Marking Requirements



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- Labeling Requirements
- Marking/Label Sizes
- Marking/Label Examples
- Additional Labels on Package
- Additional Container Markings

### **Step 4 – Shipping Papers**

- General Requirements
- Shipping Paper Examples
- Additional Requirements
- Shipper's Certification
- Hazardous/Non-Hazardous Materials
- Accessibility
- Retention
- Emergency Response Information
- Emergency Response Guidebook
  - Define colored sections

### **Step 5 – Placarding**

- General Requirements
- Placard Examples
  - Required Size
- Placard Determination
  - Non-Bulk
  - Bulk
- Placarding Empty or Unpurged Tanks
- Placard Location/Visibility
- Placard Flow Chart

### **HAZMAT Safety**

- Loading/Unloading HAZMAT
- Review HAZMAT Segregation Charts

### **Practical Session**

While there is no formal practical session for this course, table top exercises are conducted.

### **Training Center Provided Material**

- Course Materials
- HAZMAT Table
- NAERG
- Sample Bills of Lading



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### **Delegate Requirements**

- None

### **Reference Material / Documents**

DOT 49 CFR 171-179