

**Transportation of Hazardous Materials and Dangerous Goods  
By Highway and Air Initial Training Class – 5 Days (JMB-005)  
49CFR/ICAO/IATA**

**Course Description:**

This course is designed to provide a basic working knowledge of the regulations that govern the shipment of hazardous materials by highway and air. The course emphasizes a “how to use the book” concept. Upon successful completion of this class, participants will have demonstrated a clear understanding of the regulatory skills necessary to prepare, offer and accept domestic shipments of hazardous materials in accordance with 49CFR, ICAO and IATA.

The teaching methodology includes lecture, student work projects, question and answer sessions and testing.

**Regulations Covered:**

U.S. DOT Hazardous Materials Regulations (HMR) and IATA Dangerous Goods Regulations (DGR)

**Class Hours:** 8:00 a.m. – 5:00 p.m. each day. .

The focus of the instruction for this class is on non-bulk packages shipped by highway and air transportation.

**This course meets the requirements for both initial and recurrent training.**

**Course Topics:**

Topics specifically covered include:

- Basis for the Regulations
- Relationship Between DOT, ICAO and IATA
- DOT Authorization to Use the International Standards
- Training Requirements
- Format and Structure of the Regulations
- Identification and Classification Process
- Hazard Classes
- Packing Groups
- Precedence of Hazard
- Proper Shipping Name Selection and Technical Name Rule
- Identification Numbers
- Hazardous Substances
- Use of the Hazardous Materials Table and List of Dangerous Goods
- State and Operator Variations for Air
- Special Provisions
- Packaging Selection
- Limited Quantities
- Marking and Labeling
- Shipping Papers
- Placarding
- General Security Awareness

**Note: Students will need the 49<sup>th</sup> Edition (2008) IATA Dangerous Goods Regulations for this training. You can bring your own or purchase one through JMB HAZMAT with course tuition. See registration form or call 281-316-3616 or toll free 1-866-429-1452 for details.**