



HAZMAT VESSEL SHIPPER CERTIFICATION (IMDG) COURSE AGENDA

Topics are presented in the form of lecture, guided discussion, Q & A, and practical exercises.

Introduction

- DOT vs. IMO (IMDG)
- DOT requirements for using the IMDG Code
- Regulatory structure of the IMDG Code
- Compliance and enforcement
- Lion Technology's Ten Steps to vessel transport

Classification

- Hazard class definitions
- The dangerous goods classification process
- Multiple-hazard materials
- Marine pollutants
- Samples
- Forbidden dangerous goods

Identification

- Using the "Dangerous Goods List"
- Selecting a Proper Shipping Name
- Naming mixtures and solutions
- Naming marine pollutants
- Modifying Proper Shipping Names
- Segregation groups

Packing

- Key terms
- General packaging requirements and packing provisions
- Selecting authorized IMDG packaging
- Using IMDG packaging instructions
- Packaging marking specifications
- Special provisions
- Limited quantities and excepted quantities
- Special packaging issues

Marking and Labeling

- General marking and labeling requirements
- Marking/labeling requirements for fully regulated packages
- Special marking/labeling situations (e.g., limited quantities, lithium batteries)
- Overpacks and unit load devices

Documentation

- IMDG transport document
- Modifying dangerous goods descriptions
- The Shipper's Certification
- DOT emergency response information
- Shipping paper retention

Placarding and Marking Cargo Transport Units (CTUs)

- Placarding CTUs
- Marking CTUs

Transportation Operations

- Packing CTUs
- Segregating
- Stowage

Incidents and Security

- Incident reports
- Emergency response
- Cargo security and cargo security plans

Administrative Responsibilities

- Approvals and exemptions

Keeping Up-to-Date

- Regulatory updates
- Training requirements

Help, Support, and Follow-up Resources

Review

Certification Quiz*

**For DOT-mandated function-specific training for preparing and offering hazmat by vessel. The enforceable training standard in the US is at 49 CFR 172, Subpart H.*