

IMDG Code Training

Dangerous goods by sea

Keeping people safe

Are you transporting dangerous goods by sea? Navigating the complexities of shipping hazardous materials requires specialized knowledge, and proper training is a mandatory requirement under the International Maritime Dangerous Goods (IMDG) Code.

Who should take this course?

Employees of businesses involved in the preparation, packing, or handling of dangerous goods transported by sea, specifically shore-side staff. This includes shippers, forwarders, and carriers responsible for classifying, packing, and ensuring compliance with dangerous goods regulations before the goods are loaded onto a vessel.

A better way to train

- Flexible training online from anywhere at any time, with support for computer, mobile, and laptop access. Save your progress and pick up where you left off.
- Straightforward instruction on the regulations governing the transport of dangerous goods by sea
- Video tutorials explaining key concepts with relevant examples.
- Interactive simulations that walk learners through commonly encountered scenarios.

Course content

Our comprehensive IMDG Code Training is developed in collaboration with our experienced Dangerous Goods Safety Advisors (DGSA's), provides an overview of transport regulations for dangerous goods by sea, including:

- Dangerous goods transport legislation and regulations
- The classes of dangerous goods and their inherent hazards
- Guidelines on how dangerous goods are identified and described
- The requirements for packing, marking, and labelling
- Consignment, segregation and stowage procedures
- Precautions for loading, unloading, and storing dangerous goods
- Completing dangerous goods documentation for sea transport
- Emergency response



TRIDENT
SAFETY • GROUP

IMDG Code Training

Course Contents

Module 1 Introduction

- Updates to the new edition of the IMDG Code
- An overview of the regulatory framework for the transport of dangerous goods.
- When do dangerous goods transport regulations apply
- The IMDG Code and its contents.

Module 2 Identification

- The dangerous goods list
- UN Numbers
- Types of proper shipping names
- Determining proper shipping names for mixtures
- Packing groups
- Packing instructions
- Determining applicable regulations through the dangerous goods list

Module 3 Classification

- Dangerous goods classes and divisions
- Determining packing groups for Classes 3, 6.1 and 9.
- Identifying and classifying marine pollutants
- Classifying wastes
- Hazard precedence: determining primary and subsidiary hazards

Module 4 Packing

- Common packaging types in the regulations
- Interpreting UN specification packaging markings
- Interpreting packing instructions
- IBC packing instructions

Module 5 Marking and Labelling

- Marking and labelling requirements for packages containing dangerous goods
- The marine pollutant mark
- Orientation marks
- Multi-modal considerations when marking and labelling packages
- Overpacks

Module 6 Excepted and Limited Quantity

- Limited quantity provisions and excepted quantity provisions
- Packing, marking and labelling regulations for EQ and LQ shipments
- De minimis quantities
- A comparison of EQ and LQ provisions



IMDG Code Training

Course Contents

Module 7 Cargo Transport Units, Loading and unloading

- Types of cargo transport units
- Multimodal freight containers
- The international convention for Safe Containers 1972 (CSC)
- Tank codes and portable tank special provisions
- Road tank vehicles and road gas elements vehicles
- UN portable tanks
- MEGCs
- Bulk containers and transport in bulk
- Tank marks and placards
- Loading, unloading and handling of dangerous goods consignments
- The container/vehicle packing certificate

Module 8 Stowage and Segregation

- Determining segregation requirements
- Using the segregation table
- Segregation groups
- Segregation- other considerations
- Self-assigning segregation groups
- Stowage- implications for shippers

Module 9 Documentation

- Dangerous goods documentation requirements
- The Multimodal Dangerous goods form
- Filling in dangerous goods documentation
- Supplementing the proper shipping name
- Other required information

Module 10 Documentation

- Emergency response aboard ships carrying dangerous goods
- Emergency measures for shore-side personnel
- Hazardous Materials (HazMat) regulations in the USA
- Applicability of international standards in 49 CFR
- Differences between the IMDG Code and 49 CFR

Module 11 Closing

- Dangerous goods awareness certificate release
- Course credits, webshop, and attributions

