Dangerous goods for containerized transport

Safe handling of hazardous cargo in containers

Approximately 90% of world trade moves by sea, with the majority of goods transported in containers. This course teaches you to safely handle containers carrying dangerous goods according to IMDG regulations. You will learn about classification, marking, labelling, documentation and emergency procedures for hazardous cargo. The training is designed for operational staff and supervisors working on container terminals.

About this course

Language	English
Education Format	Online
Type	E-learning/self-study

General information

About 90% of world trade is done by sea. Seaports are the nodes linking sea and land. The majority of goods are containerized. In ports, container terminals load and unload containers carrying (among others) dangerous

goods. These shipments pose specific threats. As such, the release of packed or containerized dangerous goods during transport can have serious consequences. It can negatively affect human beings, animals, materials, and the environment when not treated correctly. (Inter)national law, rules, regulations, working procedures, protective measures, and equipment are in place to minimize the risk of handling dangerous goods incorrectly. Regulations prevent the uncontrolled handling of dangerous goods, but it’s the human factor that makes a difference.

Dangerous goods are classified according to their (potential) immediate chemical effects. The chemical effects are shown in a classification system. The dangerous goods are packed and labeled in such a way that the potential chemical effects can be recognized instantly.

Before starting to work with dangerous goods, ask yourself some questions. What precautions should I take before opening a container? Is the container filled with gas? Do I recognize the labels on the container? How do I handle the dangerous goods inside? What can be the effects of placing certain types of dangerous goods close to another?

Handling dangerous goods is all about safety. Sometimes the risks are invisible and the health effects of handling the goods incorrectly can be devastating

Programme

The course consists of the following modules:

1. Introduction to Dangerous Goods
2. Legislation on the transport of dangerous goods
3. Classification of dangerous goods
4. Transport tanks
5. Marking and labeling of containers
6. Documents Accompanying the Carriage of Dangerous Goods by Sea
7. Safety and Security
8. Responsibilities
9. Separation and segregation
10. Inland Shipping
11. PGS 15 (storage of dangerous goods)

Target audience

The course is designed for operational staff and team leaders/supervisors working on container terminals. For example:

- Ship to shore crane driver
- Rubber tyre gantry crane driver
- Shuttle carrier driver

- Stuffer
- Stripper
- Planner
- Team leader/Supervisor

Practical information

Entry requirements	The course is suitable for operational and middle management staff.
Type of training	E-learning
Duration	18-30 hours of self-study
Language	English
Certificate	STC Next certificate

The course will be provided in the English language

Courses

COURSES	START DATE	END DATE	LOCATION	BASE PRICE (FROM)
Dangerous goods for containerized transport	31 December 2026	31 December 2026	Online	€ 150,00

(excl. VAT)