

COURSE

Dangerous Goods by Sea – CTU Pack

One day course, Computer on-line or Virtual Class

Purpose

This course is designed for personnel who load dangerous goods (DG) into Cargo Transport Units (CTU) and/or load and unload vessels. It is based on the International Maritime Dangerous Goods (IMDG) code, and Australian Marine Order (MO), syllabus requirements for both General Awareness and Function Specific training for such personnel.

The course provides an understanding of the theory and practical aspects to the IMDG Code. It is designed to provide a systematic approach to the handling dangerous goods shipments and the loading and unloading of CTU and vessels with the aim of safely transporting dangerous goods by sea.

Content

This course meets the AMSA and IMO syllabus requirements for personnel packing and unpacking CTU and includes the following General Awareness and function specific aspects:

- Classification and Identification;
- Packing and packaging;
- Packing Cargo Transport Units (shipping containers).
- Marking, labeling and placarding;
- Documentation;
- Stowage, handling and segregation;
- Initial emergency response; and

Course Qualification and Recognition

This course is recognized by:

- ★ The Australian Maritime Safety Authority (AMSA).

.A certificate is issued on successful completion of an assessment. The course is based on the 2022 IMDG. Therefore, in accordance with AMSA and IMO Regulation, the qualification is valid until the 31 December 2025.

Who Should Attend?

If you are involved with the packing of DG into CTU or loading and unloading of vessels, then this course is for you. It is ideal for warehouse and wharf personnel who handle but do not prepare shipments of DG. This course is not for personnel who prepare shipments of DG for transport.

Level of Competency

No previous knowledge or experience with sea transport or dangerous goods is required to complete the course.

Course Fee

Classroom and Virtual Classroom courses – Contact Airsafe for scheduling
CBT – online through our web-site – AUD150.00 + 15.00 (GST) + \$165.00

The Syllabus

INTRODUCTION

- The basis of the regulations
- Application of the Code
- Responsibilities
- Using the IMDG Code

ACCEPTING DANGEROUS GOODS (DG)

- Multimodal form
- DG List

CLASSIFICATION

- Classes & Divisions and Packing Groups
- Class 1 through to Class 9 classification criteria
- Safety Data Sheets and Emergency Procedure Guides

LIMITED AND EXCEPTED QUANTITIES OF DG

- Packing, labeling, marking and documentation

PACKING, IBC AND TANK PROVISIONS

- Package specification markings
- Overview of packaging standards and testing requirements

DG MARKING AND LABELLING

- Minimum requirements when identifying, marking, labeling and placarding dangerous goods, containers and vehicles
- Label, placard and sign specifications

LOADING CARGO TRANSPORT UNITS (CTU)

- Packing CTU's
- Inspection
- Segregation of Packages and CTU's
- Packing and securing
- Placarding and marking
- Completion of Container Packing Certificate
- Unpacking CTU's

Learning Outcomes

Introduction

At the completion of this section participants should be able to:

1. Identify what regulations are applicable when sending dangerous goods by sea.
2. Identify which party is responsible for each function when preparing dangerous goods for sea transport.
3. Identify what information is found in the IMDG code and where is it located.

Dangerous Goods Package Acceptance

At the completion of this section participants should be able to identify the correct document required for the declaration for dangerous goods by sea and the main reference source (DG List) to legitimize the information.

Classification

At the completion of this section participants should be able to demonstrate they can identify the nine classes of dangerous goods and how to use associated documentation, such as a SDS, to help identify any hazard associated with an item.

Limited and Excepted Quantities of Dangerous Goods

At the completion of this section participants should be able to identify the packing, labeling, marking and documentation requirements for this type of freight.

Packaging, IBC & Tank Provisions

At the completion of this section participants should be able to identify the specification markings and standards required for large quantities of dangerous goods in Packages, Intermediate Bulk Containers (IBC) and Tanks.

Marking & Labeling of Packages and IBC's

At the completion of this section participants should be able to identify the minimum markings and labels required for acceptance of dangerous goods in packages and IBC's.

Loading Cargo Transport Units

At the completion of this section participants should be able to:

1. Identify the basic principles when inspection of ULD's prior to loading.
2. Demonstrate how to determine the segregation of incompatible dangerous goods.
3. Identify the principles of packing and securing the load.
4. Identify the requirements of placarding and marking CTU's containing DGs.
5. Demonstrate the completion of a container packing certificate.
6. Identify the safety concerns when unpacking CTU's.

COURSE

General Information

You can nominate to attend a course by email (admin@airsafe.com.au), telephone, fax or registering online through airsafe.com.au. Confirmation of your booking will be sent once your nomination is received. We can invoice or accept credit cards for payment of course fees, just tell us what suits you best.

Unscheduled Courses

We try to cater for your needs and frequently schedule extra courses to meet demand. Please ask us if you have any special requests and we will do our utmost to meet your needs.

Help Line

As people don't necessarily deal with exporting or dangerous goods all the time, we offer a free help line to try and answer your questions. If we can't answer your question, we usually have access to someone who can. The help line can be used for all exporting or dangerous goods questions, course information and bookings.

(08) 9277 6968 (within Australia)

(+61 8) 9277 6968 (outside Australia)

Email: help@airsafe.com.au

General Information

The courses offered by **AIRSAFE** are training programs, where the objective is to develop, maintain, or improve employment related skills of our participants.

Each course has set **Objectives** and the **Method of Training** is in lecture form, encouraging discussion and involvement. The **Outcome** of the program is that participants acquire working knowledge and the ability to perform tasks and achieve set objectives.

Course fees include all training material. To cancel or defer from classroom courses you must notify us at latest two working days before the course begins. Refunds for cancellations made after this time are at the discretion of the management.

Profile

AIRSAFE was one of the first accredited International Air Transport Association (IATA) Dangerous Goods Training schools in 1991. Our instructors have extensive airline and freight background and are certified level IV workplace trainers and assessors or equivalent.

Our customers come from the resources, aviation, manufacturing, logistics, shipping and freight industries, plus regulators.

Countries in which we have trained include Vietnam, Timor Leste, Papua New Guinea, Kazakhstan, Myanmar, Abu Dhabi, Qatar, India and Singapore.