

Transport of Dangerous Goods

Scope

Delivery of the course established under Ordinance of the Argentine Coast Guard (Prefectura Naval Argentina, DPAM) No. 05/11, “Mandatory Training Standards for Shore-Based Personnel Involved in Maritime, River, and Lake Transport of Dangerous Goods,” corresponding to Levels 1 and 2 of Functions 1, 2, and 3. The course prepares participants to undertake the evaluation conducted by the competent authority (PNA), in accordance with the latest amendment effective on an optional basis as of January 1, 2025 (Amendment 42/24 of the IMDG Code).

Objectives

To ensure participants acquire the necessary knowledge regarding the transport of dangerous goods across different modes, as well as the provisions established by national and international legislation governing this specific field, and risk communication as specified in the IMDG Code and the GHS/SGA. The aim is to enable participants to successfully undertake the examinations established by the Competent Authority (PNA).

Target Audience

Employees of shipping agencies, shipowners, port terminals, customs brokers, exporters, importers, and, in general, anyone involved in international waterborne transport operations who participates in the interpretation and preparation of documentation for dangerous goods transport, as well as those interested in operational aspects related to chemical safety.

Duration

12 hours, delivered in two weekly classes of 2 hours each, over a total of 3 weeks.

Members of:



Methodology

Remote instruction delivered through virtual platforms, combining theoretical and practical concepts with the instructor's professional experience and encouraging active student participation.

Materials

Prior to the start of classes, participants will have access to a virtual platform to obtain the presentations to be used in the course and updated instructional materials in accordance with Amendment No. 40/20 of the IMO International Maritime Dangerous Goods Code.

Assessment

At the end of the course, a review assessment will be conducted in a multiple-choice format.

Academic Certificate

Upon completion, each participant will receive a certificate of attendance.

The Program

CLASS No. 1 (2 hours)

Introduction to dangerous cargo. United Nations Recommendations on the Transport of Dangerous Goods (Orange Book). Globally Harmonized System of Classification and Labelling of Chemicals (GHS – Purple Book).

CLASS No. 2 (2 hours)

Development of the Globally Harmonized System of Classification and Labelling of Chemicals. Practical exercises.

CLASS No. 3 (2 hours)

United Nations classification system: classes, subclasses, primary and subsidiary hazards. International conventions and codes regulating transport. SOLAS Chapter VII. MARPOL Annexes II and III. International Maritime Dangerous Goods (IMDG) Code. National regulations implementing international instruments. Practical exercises.

Members of:



The Program

CLASS No. 4 (2 hours)

IMDG Code – Structure. Dangerous goods list, coded information, packing groups, special provisions, cargo properties. Packaging and certification. Packing provisions, packing instructions, intermediate bulk containers (IBCs), and portable tanks. Construction and testing. Approvals and certifications. Limited and excepted quantities regime. Practical exercises.

CLASS No. 5 (2 hours)

Cargo identification. Package marking. United Nations approval marks and marine pollutant marks. Labelling of transport units. Special provisions applicable to marks and labels. Exceptions. Special markings. Classification. Stowage and segregation. Emergency schedules. Classification exercises. Completion of multimodal transport documentation. Completion of packing certificate.

CLASSES No. 6 (2 hours)

Final course assessment. In-class review and clarification of questions. Practical exercises.

Members of:

