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# IMDG CODE TRAINING

Computer-based training for shore side staff involved in dangerous goods handling and transport

IMDG Code training is mandatory for all shore-side staff involved in dangerous goods transport by sea.

This new training tool delivers cost-effective compliance for all shore-side sectors:

- ◆ Shippers and forwarders
- ◆ Container packers and consolidators
- ◆ Shipping line operations and booking staff
- ◆ Stevedores
- ◆ Port staff
- ◆ Cargo surveyors



**IMDG Code e-learning**

[www.imdgc-learning.com](http://www.imdgc-learning.com)



## IMDG Code e-learning

### Course objective

Poor understanding of IMDG Code provisions has resulted in countless incidents at sea and ashore. Incorrect documentation, packaging, segregation, stowage within the container and on board ship and many other common errors put lives, property and the environment at risk. IMO and national administration surveys consistently show that high percentages of container shipments are non-compliant.

IMDG Code training is mandatory for all shore-side staff involved in dangerous goods transport. Staff directly involved in dangerous goods operations must now have function-specific training while general awareness training is required for those who although not directly involved, do require a familiarisation with the IMDG Code provisions. Training records must be kept for Competent Authority inspection.

To meet the challenge of efficiently and economically training very large numbers of shore side staff to the requirements of IMDG Code Chapter 1.3, Exis Technologies, with the support of industry bodies, developed *IMDG Code e-learning*. The system has been implemented by major shipping lines, shippers and transport operations worldwide.



### Key features

- ✔ Complies with the IMDG Code training requirements
- ✔ Cost effective: typically a fraction of expensive classroom time and less disruptive than absence from work
- ✔ Tests at the end of each learning element ensure understanding of learning topics, with marks combined in a final course completion certificate. Verified certificate option available for proof of training
- ✔ Delivers consistent training standards across global operations, especially relevant to corporate quality assurance programmes
- ✔ Intranet and web versions have an administrator function to monitor and manage any number of students in local, regional or global training programs
- ✔ Courses can be configured to the student's job role
- ✔ Students train to a timetable set by management
- ✔ Courses can be customised to incorporate company-specific procedures and policies
- ✔ Courses can be used as part of blended training approach to bring students to common competence levels in preparation for classroom sessions.

### Course configurations

- ✔ **General awareness** training for those requiring knowledge of the IMDG Code provisions but with no hands-on responsibility nor involvement with the day-to-day transport and handling of dangerous goods
- ✔ **Function-specific** training required by the IMDG Code for those carrying out the following job functions:
  - classify dangerous goods and identify Proper Shipping Names of dangerous goods
  - pack dangerous goods
  - mark, label or placard dangerous goods
  - load/unload Cargo Transport Units
  - prepare transport documents for dangerous goods
  - offer dangerous goods for transport
  - accept dangerous goods for transport
  - handle dangerous goods in transport
  - prepare dangerous goods loading/stowage plans
  - load/unload dangerous goods into/from ships
  - carry dangerous goods in transport
- ✔ **Advanced course** – in-depth IMDG Code training with all course content.

There is also an optional configuration focusing on the additional requirements of 49 CFR when shipping into and out of the United States under the IMDG Code provisions.

### Purchase options

Course activations can be purchased online. There are significant discounts for courses purchased in quantity. For intranet implementation there is the option of unlimited courses under annual licence.



“Shore side training is an important issue for the entire marine chain. If we want the IMO measures to have effect, now is the time to act.”

Mike Compton, ICHCA International

## Modular structure

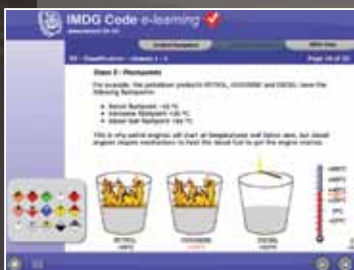
The course comprises modules and elements, and follows the IMDG Code recommended training needs structure. Modules correspond to chapters in the IMDG Code dealing with topics such as classification or consignment and elements are individual lessons from that chapter. There are tests at the end of each element to ensure that a good understanding of the course content is being gained as the student progresses. Students take the course at their own pace or within a set timeframe and can monitor their own progress as they proceed.

The course is 'open book' and the student should have access to the IMDG Code for reference. If the computerised IMDG Code is loaded on the same computer or network, on-screen links enable the student to browse appropriate text.



### Configure the course

Checking the boxes configures the course according to the student's role



### Learn

Tutorial screens in the course elements use text, graphics and animation



### View the IMDG Code

Hyperlink to the relevant digital IMDG Code text



### Test student understanding

After each module there is a test of the student's understanding of the element with multiple choice and graphic based questions



### Course completion certificate

Element test scores build towards a final Course Completion Certificate score

## Flexible delivery

**Web** – web course accessible from any location for 'go anywhere, train in your own time' solutions. Administrator function for management of multiple courses.

**Windows download** – downloaded to individual computers

**Intranet** – hosted on a company's intranet. The corporate intranet package includes powerful administrator tools to manage and monitor large student numbers training simultaneously. Significant cost savings can be gained from implementing IMDG Code e-learning across multiple offices on a regional or global basis.

Key intranet administrator features:

- ✓ courses set up by designated administrators in different regions, setting pass marks and timeframes for completion
- ✓ individual student progress monitored
- ✓ company-specific training content can be incorporated into courses
- ✓ re-training option ensures that students are trained at set intervals and in line with the latest Amendment of the IMDG Code
- ✓ access to course records and student certificates.

**SCORM content packages** – e-learning content for import into SCORM-compliant learning management systems.

## What the IMDG Code requires

IMDG Code e-learning meets the training requirements of IMDG Code Chapter 1.3, in particular the recommended training needs found in 1.3.1.5 and 1.3.1.6. These became mandatory with Amendment 34-08 to the IMDG Code from 1 January 2010.

The specific Code requirement is:

### General awareness/familiarization training

Each person shall receive training designed to provide familiarity with the general provisions of dangerous goods transport provisions.

Such training shall include a description of the classes of dangerous goods; labelling, marking, placarding, packing, stowage, segregation and compatibility provisions; a description of the purpose and content of dangerous goods transport documents (such as the Multimodal Dangerous Goods Form and the Container/Vehicle Packing Certificate); and a description of available emergency response documents.

### Function-specific training

Each person shall receive detailed training concerning specific dangerous goods transport provisions which are applicable to the function that person performs.

Details of all the training undertaken shall be kept by both the employer and the employee. Training records shall be made available to the competent authority if requested.

**The IMDG Code e-learning course meets this requirement.**

# Meeting your business objectives



**"Compliance across all our operations is essential"**

IMDG Code e-learning delivers a common standard that complies with the Code's training requirements, with independent course certification.

**"I want real business benefits from my training investment"**

DG mistakes can be costly, often with delayed or rejected consignments or fines and a damaged reputation. Smoother, faster processing of DG by competent staff equals efficiency savings and improved customer service.



**"If we implement this package, will we comply with the Code?"**

Yes, e-learning is specifically designed for compliance with IMDG Code mandatory training requirements and recommendations.

**"I know that I must get trained, but my manager can't release me for a course and budgets are tight"**

Train at your own pace, in any location at any time, at a fraction of the cost of classroom training, without the additional costs of travel and absence from work.



**"Getting students to a common level before classroom training would save time and frustration for all participants"**

Students taking classroom or on-the-job training can be brought to a common start point with e-learning function-specific or general awareness training.

**"We have high staff turnover across all the job functions and a tight training budget"**

The cost per course is a fraction of traditional methods, without the travel expense and absence from work. Flexibility and control with intranet implementation make e-learning the ideal solution for high turnover staff.



**"We have hundreds of shore-side staff working with DG worldwide. We need to deliver function-specific training without complex administration"**

Administrator management function gives complete control of course setup, student progress and study goals.

## Course authors, certification and updating



The course was developed by a dedicated team with teaching, dangerous goods, chemical, project management and programming skills and the support of industry bodies and IMO. Content and examination questions are continually reviewed by an expert panel.

The course has been assessed and certified against DNV (Det Norske Veritas) Standard for Certification of Learning Programmes. This certifies that the course has met the DNV requirements in terms of the quality of development, content and delivery of learning programmes, is properly designed, contains clear objectives for results, is designed by qualified trainers and is assessed and improved in line with market demands and experience.

The course is updated during every transition year of the IMDG Code to the latest Amendment and is also updated for errata and user feedback as required.

IMDG Code e-learning is sponsored by the TT Club and supported by ICHCA and is recognised by many competent authorities worldwide.

**TT CLUB**

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Visit [www.imdge-learning.com](http://www.imdge-learning.com) for further information or email: [sales@existec.com](mailto:sales@existec.com)

IMDG Code e-learning is produced by Exis Technologies

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