

Dangerous Goods Awareness Training

Keeping people safe

Are you involved in the transport of dangerous goods? Do you oversee warehouse operations where hazardous materials are handled? Compliance with dangerous goods regulations is not just a legal obligation—it's a critical responsibility that ensures the safety of everyone involved.**

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.
- Video tutorials explaining key concepts with relevant examples.
- Interactive simulations that walk learners through commonly encountered scenarios.
- A downloadable PDF containing quick guides and tables that serves as a handy reference after completing the course.



Who should take this course?

Employees of businesses involved in the preparation, packing, or handling of dangerous goods. This includes shippers, forwarders, and carriers.

Course content

Our comprehensive Dangerous Goods Awareness Course, developed in collaboration with our experienced Dangerous Goods Safety Advisors (DGSA's), provides an overview of dangerous goods regulations, including:

- 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
- Precautions for loading, unloading, and storing dangerous goods
- Guidance for reading and understanding transport documentation

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Course Contents

Module 1 Introduction

- Applicability and responsibility for dangerous goods
- Activity: Identifying dangerous goods
- What are dangerous goods?
- Modes of dangerous goods transport

Module 2 DG Classes 1-4

- Activity: Ranking explosives by risk
- Class 1 Explosives
- Activity: identifying Class 2 hazard labels
- Class 2 Gases
- Activity: Ranking class 2 gases by precedence
- Identifying Class 3 flammable liquids
- Class 3 Flammable liquids
- Flammable liquids and packing groups
- Exercise: Classifying flammable liquids into packing groups
- Activity: Sorting class 4 solids
- Class 4 Flammable solids

Module 3 DG Classes 5-9

- Class 5 Oxidizing substances and organic peroxides
- Activity: sorting class 6 toxic and infectious substances.
- Class 6 Toxic and infectious substances
- Exercise: Classifying toxic substances into packing groups
- Activity: Identifying radioactive substances
- Class 7 Radioactive substances
- Activity: ranking corrosive substances
- Class 8 Corrosive substances
- Exercise: Classifying corrosive substances into packing groups
- Activity: Identifying articles with

Module 4 Identification

- How dangerous goods are identified: UN number and proper shipping name
- The safety data sheet (SDS)
- Exercise: identifying the UN number, proper shipping name, packing group, and hazard class
- Precedence of risk

Module 5 Excepted and Limited Quantity

- Advantages of shipping using excepted and limited quantities
- Excepted quantities
- Exercise: excepted quantity requirements, marks, and documentation
- Limited quantities
- Exercise: limited quantity requirements, marks, and documentation



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Course Contents

Module 6 Packing

- The importance of correct packing and packaging
- Activity: matching packaging types
- Packing regulations
- Exercise: UN specification marking codes
- Uses of and regulations surrounding overpacks

Module 7 Marking and Labelling

- Requirements for marking and labelling packages containing dangerous goods
- Common marks and labels
- Making and placarding vehicles and cargo transport units

Module 8 Loading, Unloading, and Transport

- Loading and unloading vehicles containing dangerous goods
- Road tunnels
- Activity: placing dangerous goods on a ship
- Stowage during transport
- Segregation of dangerous goods
- Accidents involving dangerous goods
- Accident response training, equipment and preparations

Module 9 Security

- Activity: Dangerous goods security scenarios
- Securing dangerous goods: regulations and training
- High consequence dangerous goods.

Module 10 Documentation

- Documenting dangerous goods for transport
- Understanding the shippers declaration of dangerous goods (DGD) for air transport
- Understanding the dangerous goods note (DGN) for road and sea transport

Module 11 Assessment

- Overall course assessment
- Results
- Dangerous goods awareness certificate release
- Course credits, webshop, and attributions

