

Dangerous Goods (DG) Handling Training

UK Training

PARTNER



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Introduction

This course delivers a comprehensive and practical approach to the safe handling, storage, and transportation of dangerous goods DG. It is designed to build strong awareness of international regulations, risk management practices, and safety standards required across industries such as logistics, aviation, and manufacturing.

By following a clear learning path, participants will learn how to handle dangerous materials safely, follow all global transportation rules for air, sea, and land, and use the best methods to improve safety at work, protect the environment, and make operations more efficient.

Course Objectives

By the end of this course, participants will be able to:

- Understand the classification of dangerous goods according to international standards.
- Identify hazards and conduct effective risk assessments related to dangerous goods handling.
- Apply proper packing, labeling, marking, and documentation procedures.
- Ensure compliance with international transportation regulations air, sea, and land.
- Handle emergency situations and incidents involving dangerous goods effectively.
- Promote workplace safety and environmental protection through best practices.

Course Outlines

Day 1: Fundamentals of Dangerous Goods

- Definition and classification of dangerous goods
- Hazard classes and divisions
- Overview of international regulations and governing bodies
- Roles and responsibilities of shippers and handlers

Day 2: Identification, Labelling & Documentation

- Hazard identification systems
- Labels, markings, and placards
- Safety Data Sheets SDS/MSDS
- Documentation and compliance requirements

Day 3: Packing, Storage & Handling

- Packaging types and international standards
- Safe storage practices for hazardous materials
- Handling procedures and safety precautions
- Segregation of incompatible dangerous goods

Day 4: Transportation Regulations

- Air transport regulations IATA guidelines



- Sea and land transport requirements IMDG & ADR
- Loading, unloading, and securing cargo safely
- Inspection procedures and regulatory compliance

Day 5: Emergency Response & Risk Management

- Emergency procedures and incident response planning
- Spill control, containment, and mitigation
- Use of Personal Protective Equipment PPE
- Practical case studies and real-world exercises

Why Attend this Course: Wins & Losses!

- Build strong expertise in dangerous goods handling and transportation.
- Enhance your ability to apply risk management and hazard assessment techniques.
- Gain practical knowledge of international regulations and compliance standards.
- Improve safety performance and reduce operational risks.
- Strengthen your capability in managing emergency response and incident control.
- Develop confidence in applying packing, labeling, and documentation procedures correctly.

Conclusion

This course offers a well-rounded and practical foundation in managing dangerous goods safely and efficiently. It goes beyond theory, equipping participants with real-world skills in risk assessment, compliance, handling procedures, and emergency response.

At the end of the program, participants will understand the regulatory framework and be able to apply it confidently at work. This ensures safer operations, stronger compliance, and a more proactive approach to protecting people, assets, and the environment.



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