

## Safe Transport of Dangerous Goods by Air

**Duration** 2 hours

**Target group** To inform candidates about the procedural and legal requirements for the safe transportation of dangerous goods by air.

Note: This course has been written in accordance with Part 1 Chapter 1.4 of the ICAO Technical Instructions for the safe Transport Dangerous Goods by Air and Section 1 Subsection 1.5 of the IATA Dangerous Goods Regulations. This course is not HCA-Helideck Certification Agency approved.

**Prerequisites** None

**Objective** The learning outcomes for this training are:

1. Explain the general philosophy of dangerous goods transportation;
2. Define the limitations on the transportation of dangerous goods by air;
3. Explain how dangerous goods must be correctly labelled and marked;
4. Define the different classifications of dangerous goods;
5. Explain how to recognize undeclared dangerous goods;
6. State the general principles of safe loading and storage of dangerous goods;
7. Explain the requirement for the Pilot's Notification (NOTOC);
8. Explain the provisions for passengers and crew;
9. Explain what to do if an emergency occurs;
10. Explain how radioactive material is transported.

**Contents** Contents include:

1. Introduction to Dangerous Goods
2. Principles and Procedures
3. Limitations
4. Exempted Dangerous Goods
5. Carriage of Dangerous Goods for Medical Reasons
6. Dangerous Goods in Airmail
7. Excepted and Limited Quantities
8. State and Operator Variations
9. Marking and Labelling Requirements & Specifications
10. Shipper's Responsibilities
11. Classes and Types of Dangerous Goods
12. Recognition of Undeclared or Hidden Goods
13. Safe Loading and Storage
14. Compatibility Loading
15. Handling Labels
16. Prevention of Movement and Damage
17. Inspections of Packages
18. Pilot's Notification (NOTOC)
19. Battery-Powered Mobility Aids
20. Loading, Storing, Package, & Labeling Radioactive Material

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**Exam**

A 30-question exam will be administered. Trainees need to receive a minimum 70% score to successfully pass.