

Adequate Instruction for Shipping Section II Batteries

**in compliance with ICAO Technical
Instructions and IATA Section 1.6**



Get certified

IATA Dangerous Goods Regulations 1.6 mandates that **all persons preparing or offering dangerous goods (including lithium and sodium ion batteries) for transport must receive adequate instruction** in accordance with their responsibilities.

Course content

Our comprehensive training program will show you how to ship Section II lithium and sodium ion batteries according to IATA DGR 1.6, including:

- Regulations for shipping Section II lithium and sodium ion batteries by air.
- Classifying lithium and sodium ion batteries and assigning them a proper shipping name
- Preparing and interpreting documents required for Section II lithium and sodium ion battery transport
- Packaging requirements for Packing Instructions PI 966, PI 967, PI 969, PI 970, PI 977 and PI 978
- Marking and labelling requirements
- Reverse logistics, possible transport modes and applicable regulations

Who should take this course?

Individuals involved in preparing, packing, or handling of lithium and sodium ion batteries, including shippers, forwarders, and carriers who interact with these types of dangerous goods.

Features

- Straightforward instruction on the regulations around transporting lithium and sodium ion batteries.
- Video tutorials demonstrating effective packing methods and explaining key concepts.
- Interactive simulations that walk learners through common scenarios when packing and shipping lithium or sodium ion batteries.
- Flexible online access from anywhere at any time. Save your progress and pick up where you left off.

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Course Contents

Module 1 Introduction

- Course tutorial
- Summary of changes for 2024-2025
- Regulatory bodies and regulations
- What are section II batteries?
- What is adequate instruction?

Module 2 Battery Basics

- Classifying lithium and sodium ion batteries
- The difference between lithium ion and lithium metal batteries
- Button or coin batteries
- Risks of handling and transporting lithium batteries.
- Activity: classify objects containing lithium ion and lithium metal batteries

Module 3 Documentation

- Manufacturing and testing guidelines for lithium and sodium ion batteries
- Required documents for transport
- Parts of the battery test summary
- The safety data sheet (SDS)

Module 4 Classification

- Interpreting a battery test summary
- Determining the battery type
- Determining energy rating and lithium content
- Determining section II applicability
- Assigning a correct UN number
- Assigning a correct packing instruction
- Exercise: correctly assign UN numbers and packing instructions

Module 5 Packaging

- Prohibitions from air transport
- Packaging requirements for Section II batteries
- Marking packages
- Lithium battery mark exceptions

Module 6 Packing

- Demonstration of packing PI 967
- Proper completion of an air waybill
- Packing notes and lists for PI 966, PI 967, PI 969, PI 970, PI 977 and PI 978 packages excepted from marking.
- Exercise: correctly select packing and packing methods

Module 7 Cargo Acceptance

- Responsibilities for operator acceptance staff
- Acceptance exceptions for section II lithium and sodium ion batteries
- State and operator variations

Module 8 Reverse Logistics

- Returning damaged or defective batteries
- Regulations governing transport of damaged or defective batteries
- Relevant special provision and packing instructions

Module 9 Assessment and Certification

- Assessment of the course
- Immediate issuance of a certificate upon program completion.