

# COURSES

## Dangerous Goods by Air - Transporting Batteries (inc. Lithium Batteries)

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*5 hour classroom course or Computer-based training*

### **Purpose**

If you send batteries, particularly lithium batteries by air then this is the course for you. This course assists shippers of all types of batteries, including lithium batteries on their own, and contained in, or packed with equipment, to interpret and apply the IATA Dangerous Goods Regulations (IATA DGR) to shipments being sent by air domestically and internationally. Full compliance with the Regulations, and an understanding of the concepts behind them, will ensure the safety aviation and protect shippers from unknowingly committing unlawful acts.

### **What you get**

This course will help you apply the classification, identification, packing, marking and labeling and documentation requirements of the IATA Dangerous Goods Regulations to a all battery types, and understand the requirements set down by the Regulatory authorities.

The course also covers:

- Lithium Ion batteries (including in and with equipment);
- Lithium metal batteries (including in and with equipment);
- Batteries wet non-spillable; and
- Batteries dry

Access to a copy of the current IATA DGR is not required but is recommended.

### **Course qualification and recognition**

This course is approved by:

- The Civil Aviation Safety Authority of Australia (CASA).

A certificate is issued on successful completion of an end-of-course questionnaire and your qualification will be valid for **TWO YEARS**.

### **Who should undertake the training?**

This course is suitable for people involved with the packaging, documentation, or control of batteries, with particular focus on lithium batteries, and battery powered equipment being transported by air.

### **Level of Competency**

No previous knowledge or experience with air transport is required to complete the course.

### **Course Fee** (for scheduled courses & CBT)

Online - \$200.00 + GST \$20.00 = \$220.00

Classroom - \$250.00 + GST \$25.00 = \$275.00

### **Availability**

This course can be undertaken by computer-based training on-line at [www.airsafe.com.au](http://www.airsafe.com.au).

# The Syllabus

## **INTRODUCTION**

### **APPLICABILITY**

- Where do the Regulations come from?
- Shippers' responsibilities
- Training requirements
- Dangerous goods security

### **AUSTRALIAN LEGISLATION**

### **SHIPMENT PREPARATION FLOW CHART**

### **CLASSIFICATION**

- All Classes and Divisions
- Packing Groups
- Classification of Batteries –
  - Lithium Ion/Polymer
  - Lithium Metal
  - Cell or battery
  - Dry
  - Wet non-spillable
  - UN 38.3 Test Summaries
  - In and/or with equipment

### **LIMITATIONS**

- Acceptable Dangerous Goods
- Forbidden Dangerous Goods
- State & Operator Variations
- Hidden Dangerous Goods

### **IDENTIFICATION**

- Selecting a Proper Shipping Name
- Using the List of Dangerous Goods
- List of Dangerous Goods – Extract

## **PACKING**

- General Packing Requirements
- Types of Packaging
- Construction and testing of packages
- Packing Lithium batteries
- Packing Examples

## **MARKING & LABELLING**

- Package marks and marking
- Package labels and labelling
- Marking and labelling examples

## **DOCUMENTATION**

- Shipper's Declaration for Dangerous Goods
- Rules for Completing the Declaration Form
- Completed Shipper's Declaration Example
- Air Waybill / Consignment Note
- When a Shipper's Declaration is not required

## **PASSENGER BAGGAGE ALLOWANCES**

# COURSES

## Registration Details

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You can log-on directly through [www.airsafe.com.au](http://www.airsafe.com.au) or nominate to complete a course by email (admin@airsafe.com.au), telephone or mail. Confirmation of your booking, by your preferred method, will be sent once your nomination is received. We can invoice or accept credit cards for payment of course fees, just tell us what suits you best.

### Help Line

As people don't necessarily deal with exporting or dangerous goods all the time, we offer a free help line to try and answer your questions. If we can't answer your question, we have access to someone who can.

**(08) 9277 6968** (within Australia)  
**(+61 8) 9277 6968** (outside Australia)  
Email: [help@airsafe.com.au](mailto:help@airsafe.com.au)

### General Information

The courses offered by **AIRSAFE** are training programs, where the objective is to develop, maintain, or improve the employment related skills of the participant.

This course is currently only available through computer-based training. The outcome of the program is that participants acquire a working knowledge of the current Regulations and the ability to perform tasks and achieve set objectives.

Refunds are available where the course content has not been accessed.

### Profile

**AIRSAFE** was one of the first accredited International Air Transport Association (IATA) Dangerous Goods Training schools in 1991. Our instructors have extensive air freight operational background and are certified level IV workplace trainers and assessors or equivalent.

Our customers come from a wide range of industries including resources, aviation, medical, manufacturing, logistics, shipping and freight industries, and Regulators.

Countries in which we have trained include Vietnam, Kazakhstan, Myanmar, Qatar, India, Brunei and Singapore.