

Shipping Lithium Batteries by Ground, Air & Ocean

This course includes but is not limited to the following topics.

Introduction and Applicability

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What are hazardous materials/dangerous goods?

To whom do the regulations apply?

Shipper's responsibilities, Operator's (Carrier's) responsibilities, Training requirements

Classification

The nine classes of hazardous materials/dangerous goods

Class 9 definition (49 CFR), Class 9 definition (IATA DGR)

Class 9 (IMDG Code – Amendment 33-06)

Determining the Packing Group

Specification Packaging

What is Specification Packaging?

Table 1 – Requirements for UN Specification Packaging by Regulatory Reference

Table 2 – List of UN Specification Packagings

Marking of UN Specification Packaging, Standards for Types of Packaging

Testing of UN Specification Packaging, Table 3 – Drop Test Heights

Exception from Testing, Notification

Shipping Lithium Batteries using 49 CFR

The Process, Definitions, Identification

§172.101 – The Hazardous Materials Table, Special Provisions

General Requirements for Packagings and Packages

Marking and Labeling, Documentation, Placarding

Shipping Lithium Batteries using the IATA Regulations

The Process, Identification

List of Dangerous Goods, Variations

General Packing Requirements

Marking and Labeling, Documentation

Shipping Lithium Batteries using the IMDG Code

The Process, Identification

Marking and Labeling

Documentation, Placarding