

## Transporting lithium ion batteries by road

INTRODUCTION. This compliance resource was prepared to assist a shipper to safely package lithium cells and batteries for transport by all modes of transportation according to the latest ...

The purpose of this document is to provide guidance for complying with provisions applicable to the transport by air of lithium batteries as set out in the IATA Dangerous Goods Regulations. Copyright © SKYbrary Aviation Safety, 2021-2024. All rights reserved.

INTRODUCTION. This compliance resource was prepared to assist a shipper to safely package lithium cells and batteries for transport by all modes of transportation according to the latest (May 11, 2020; HM-215O) regulatory requirements.

Lithium batteries may pose a risk to public safety, even when not in transportation. To learn more about safe use, maintenance, and disposal of lithium batteries, visit the following resources from federal and local agencies.

A154 Lithium batteries identified by the manufacturer as being defective for safety reasons, or that have been damaged, that have the potential of producing a dangerous evolution of heat, fire or short circuit are forbidden for transport (e.g. those being returned to the manufacturer for safety reasons).

Transporting lithium batteries by road requires meticulous adherence to regulations to mitigate the inherent risks. At Total Compliance, we understand the complexities involved and are committed to providing the ...

When shipping Li-ion batteries via air, sea, rail, or road, compliance with the United Nations Standard 38.3 is a critical requirement. This standard, a part of the UN Manual of Tests and Criteria, applies to both standalone batteries and those integrated into devices.

The transport of Lithium Batteries is regulated due to the inherent risk of overheating and ignition in certain conditions. Here's what you need to know if you're sending Lithium Batteries by road or rail. Regulations.

Revised for the 2020 Regulations. Introduction. This document is based on the provisions set out in the 2019-2020 Edition of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air (Technical Instructions) and the 61st Edition of the IATA Dangerous Goods Regulations (DGR).

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FedEx Ground strongly recommends that anyone shipping lithium batteries take a specific lithium battery

## **CPM**

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shipping class in order to better understand these complex regulations and meet DOT/ICAO/IATA/IMDG/USPS requirements.

Though widely used, lithium ion and lithium polymer batteries are classified as Dangerous Goods by the International Air Transport Association (IATA) as they"re highly flammable, react sensitively to environmental factors, and can cause fires if damaged.

Lithium ion batteries with a nominal capacity exceeding 100 Wh and lithium metal batteries containing over 2g of lithium are classed as dangerous goods (Class 9), as such there are ...

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Transporting & shipping lithium batteries internationally & in the US by air, sea, road & rail: How to ship lithium batteries while following all regulations

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Lithium ion batteries with a nominal capacity exceeding 100 Wh and lithium metal batteries containing over 2g of lithium are classed as dangerous goods (Class 9), as such there are strict requirements for transporting them via road, air, sea and rail. Simplified requirements apply for other lithium batteries that do not reach these thresholds.

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