

Information Sheet

- Valid till 31.12.2024 -

Damaged/Defective Lithium Cells/Batteries in Air Transport according to IATA DGR 2024 (65. Edition)

The shipping and transport of damaged or defective lithium cells/batteries in air transport is completely prohibited.

This requirement is stated in Special Provision A154 in subsection 4.4.

Here the text of A154:

Lithium ion cells or batteries and lithium metal cells or batteries identified as being defective for safety reasons, 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 or cells or batteries that cannot be diagnosed as defective prior to transport).

Lithium ion cells or batteries and lithium metal cells or batteries identified as being damaged such that they do not conform to the type tested according to the applicable provisions of the UN Manual of Tests and Criteria are forbidden for transport. For the purposes of this special provision, these may include, but are not limited to:

- (a) cells or batteries that have leaked or vented;
- (b) cells or batteries that cannot be diagnosed prior to transport; or
- (c) cells or batteries that have sustained physical or mechanical damage.

In assessing a cell or battery as defective or damaged, an assessment or evaluation must be performed based on safety criteria from the cell, battery or product manufacturer or by a technical expert with knowledge of the cell's or battery's safety features. An assessment or evaluation may include, but is not limited to, the following criteria:

- (a) acute hazard, such as gas, fire, or electrolyte leaking;
- (b) the use or misuse of the cell or battery;
- (c) signs of physical damage, such as deformation to cell or battery casing, or colours on the casing;
- (d) external and internal short circuit protection, such as voltage or isolation measures;
- (e) the condition of the cell or battery safety features; or
- (f) damage to any internal safety components, such as the battery management system.

This information we present to you free of charge.

We're glad that we could be of help to you!

Your Lithium Battery Service Team