



However, before a designated postal operator can introduce the acceptance of lithium batteries as identified in 2.4.2 (d) and (e) they must have received specific approval from the civil aviation authority.



This folder is only to be used as a guiding tool and to provide a general insight into the changes for lithium batteries. For detailed information regarding any kind of dangerous goods, always consult The Dangerous Goods Regulation.

Additional and always updated information regarding dangerous goods can be found on IATA's web site at [www.iata.org](http://www.iata.org).

[www.iata.org](http://www.iata.org) -> home -> Programs -> Cargo -> Dangerous goods (HAZMAT)



## Changes to lithium battery requirements (lithium ion/lithium metal)

The markets for appliances and tools powered by lithium batteries are rapidly increasing and new and more powerful types of lithium batteries are constantly being developed.

Therefore IATA has introduced changes to the requirements when transporting lithium batteries by air in general, as well as allowing some types of lithium batteries to be sent by mail provided the designated postal operator has received proper training and is approved by the civil aviation authority.

Based on their properties and designated UN number, lithium ion and lithium metal batteries are now being classified into three categories with various requirements to training, documentation, packaging and labeling. Starting with the most restrictive, they are:

- Section I (sections IA/IB are only valid for UN3090 and UN3480)
- Section II

**UN3090 and UN3480 (RBM and RBI) are forbidden on SAS aircrafts and must be transported on Cargo Aircraft Only.**

An overview of the requirements for the three sections is summarized in the following chart:

Lithium batteries are classified in class 9 according to DGR 3.9.2.6 as:

UN3090, Lithium metal batteries (CAO only)  
 UN3480, Lithium ion batteries (CAO only)

UN3091, Lithium metal batteries contained in equipment **or**  
 UN3091, Lithium metal batteries packed with equipment  
 UN3481, Lithium ion batteries contained in equipment **or**  
 UN3481, Lithium ion batteries packed with equipment



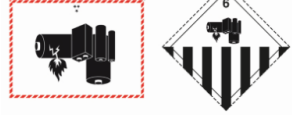

The IMP codes are following the same logic as all the other IMP codes and Restricted Lithium Ion batteries has therefore been given the code **RLI** and Restricted Lithium Metal batteries has the code **RLM**. These two codes apply to cells and batteries in categories I ( and IA and IB) only.  
 For lithium ion/lithium metal batteries classified under section II which only needs information on air waybill and the lithium battery handling label, the IMP codes **ELI** and **ELM** are used respectively.

### Lithium batteries in mail

Carriage of dangerous goods in mail is generally prohibited unless exempted as stipulated in DGR 2.4.2. Certain types of lithium batteries have now been included in this section and they are:

**UN3481 Lithium ion batteries contained in equipment** meeting the provisions of Section II of Packing Instruction 967. No more than four cells or two batteries may be mailed in any single package; and

**UN3091 Lithium metal batteries contained in equipment** meeting the provisions of Section II of Packing Instruction 970. No more than four cells or two batteries may be mailed in any single package

DGD is required Standard checklist for dangerous goods		DG training UN Packaging Hazard Label <b>I</b>
DGD is required Standard checklist for dangerous goods		DG training UN Packaging Hazard Label DG training Hazard label Lithium battery handling label Information on air waybill <b>IA (Embargo on SAS)</b>
DGD is not required		DG training Hazard label Lithium battery handling label Information on air waybill <b>IB (Embargo on SAS)</b>
DGD is not required No checklist is required		DG training Lithium battery handling label Information on air waybill <b>II</b>

