



Lithium Batteries – Managing Risk

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Changes to Passenger Provisions

- Passengers limited to 15 PED, unless approved by the operator.
- Passengers limited to 20 spare batteries, unless approved by the operator.
- Applies to lithium metal batteries up to 2 g lithium metal content and lithium ion batteries up to 100 Wh capacity.



Changes to Passenger Provisions (cont.)

- Effective 15 January 2018, baggage with removeable installed batteries (“smart luggage”) must be carried as carry-on baggage or the battery must be removed. With the battery removed the bag can be checked-in.
- [Baggage where the lithium battery cannot be removed is forbidden for carriage.]



Changes to Cargo Restrictions



- Prohibition on packing lithium batteries (UN 3090 & UN 3480) in same outer packaging with dangerous goods in Class 1, except 1.4S, Div. 2.1, Class3, Div. 4.1 and Div. 5.1.
- Prohibition on placing packages of lithium batteries (UN 3090 & UN 3480) in an overpack with packages containing dangerous goods in Class 1, except 1.4S, Div. 2.1, Class3, Div. 4.1 and Div. 5.1.

Changes to Cargo Restrictions

- Segregation required between packages and overpacks containing lithium batteries (UN 3090 & UN 3480) and packages and overpacks containing dangerous goods in Class 1, except 1.4S, Div. 2.1, Class 3, Div. 4.1 and Div. 5.1 when loaded into a ULD or cargo compartment.
- Recommendation for 2018, mandatory from 2019.



Ongoing Work

- SAE Aerospace G-27 Committee development of a packaging performance standard. Draft standard now in 5th revision. Further meeting of G-27 Committee, February 2018. Possible voting ballot Q2 2018.
- UN Subcommittee of Experts – working group established to develop a hazard-based approach to the classification of lithium batteries.



Outreach Activities



- ❖ Global outreach continuing with workshops and safety campaigns
- ❖ Engagement with e-commerce sites
- ❖ Tailored solution for lithium battery shippers
- ❖ Lobbying Governments for increased support

IATA Solutions – enhancing safety!



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