



IATA LITHIUM BATTERY WORKSHOP

PROGRAM



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BANGKOK, THAILAND 9-10 OCTOBER 2018



DAY 1: Tuesday 9 October 2018

09:00 - 09:10 **Chairman Opening Remarks**
Geoff Leach, *Director, DG Office UK*

09:10 - 09:30 **Keynote Address**
Suchat Anghong, *Manager, Dangerous Goods Standard Department, The Civil Aviation Authority of Thailand (CAAT)*

09:30 - 10:30 **Regulatory Update**
This session will look at the changes adopted by the IATA Dangerous Goods Board and changes agreed by the ICAO Dangerous Goods Panel and their impact on the air transport regulations effective 1 January 2019. Updates on the SAE G27 packaging standard for lithium batteries will also be provided.
David Brennan, *Assistant Director Cargo Safety & Standards, IATA*

10:30 - 11:00

11:00 - 11:45 **Packaging issues and testing requirements**
A look at some of the misconceptions around UN specification packaging and the necessity to follow the instructions on the package test certificate to ensure the prepared package is compliant.
Kevin Dougherty, *Director of Operations Worldwide, Air Sea Containers Ltd*

11:45 - 12:30 **E-commerce challenges and opportunities**
This session will cover some of the key challenges e-commerce poses in air cargo, particularly with the risks from counterfeit and sub-standard goods. It will also look at the vital role air cargo plays to meet increasing consumer demands for shorter delivery times.
Trevor Howard, *Manager Standards & Operational Safety, Emirates SkyCargo*

12:30 - 14:00 **Networking Lunch**

14:00 - 15:30 **Supply chain challenges – Interactive Session**
Increasing regulatory requirements both at an International and National level present many challenges to the battery supply chain. With global demand for lithium batteries set to increase, what can be done to keep air cargo a viable option for shippers?
Geoff Leach, *Director, The DGO Ltd*

15:35 - 16:00 **Networking Break**

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16:00 - 17:30 Joint session with Cargo Claims and Loss Prevention

During this session we will discuss risk mitigation in the supply chain, including the important role an active safety management system plays. We will also be looking at liability issues and what we can do to improve compliance and loss prevention.

Alex McCulloch, *International Dangerous Goods Manager, UPS*

TBA - Lawyer

TBA – Competent Authority

TBA - Insurer

18:00 – 19:30 Welcome Reception

DAY 2: Wednesday 10 October 2018

09:00 - 09:10 Day 1 Summary & Chairman remarks

09:10 - 09:40 Smart Baggage - Manufacturer Experience

Following changes to the passenger provisions earlier this year relating to baggage with installed batteries, a number of manufacturers have ceased trading. This session will look at how manufacturers can continue to innovate and meet consumer demands and still comply with regulatory requirements.

Kevin O'Donnell, *Founder and CEO, Modobag*

Tim Ryan, *CMO, Modobag*

09:40 - 10:30 An insight into how operators process lithium batteries shipments.

This session will provide an insight into some of the complexities airlines face with lithium batteries. This will include handling, acceptance, loading, risk assessments as part of their safety management system, risk mitigation, problems with undeclared dangerous goods, training and incident control.

TBA – Aircraft Operator(s)

10:30 - 11:00 Networking Break

11:00 – 11:45 Lithium Ion Battery Safety Research - the evidence base for robust safety decisions

This session will look at the issues around Li-ion battery safety research and the work in progress to develop a robust & systematic evidence base from which to inform decisions on the level of hazard they represent. The research programme is summarized and the consideration of initiation, mitigation and abatement methods also discussed.

Mark Ellis, *Principal Engineer, Battery Systems, WMG – The University of Warwick*

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11:45 - 12:30 Panel Discussion: Future challenges with increasing consumer demand versus increasing regulatory requirements for lithium batteries, including electronic devices and large format automotive batteries.

- Manufacturer
- Shipper
- Freight Forwarder
- Operator
- Regulator

12:30 - 14:00 Networking Lunch

14:00 – 15:30 Classification Scenarios - Interactive Session

This session will provide an opportunity to work through a number of different classification scenarios to highlight the complexities manufacturers and shippers face with developing new products and package configurations

15:30 - 16:00 Networking Break

16:00 - 16:30 Incident reporting status: How can we improve compliance without a true picture of the number of incidents involving fully compliant lithium batteries in air cargo?

16:30 - 17:00 Q & A Session

17:00 - 17:10 Closing Remarks