

Draft Program
Lithium Battery Workshop
Shanghai 8 – 9 November 2011

8 November, 2011

0900 – 0910	CHAIRMAN OPENING REMARKS Mr Geoff Leach, Manager, Dangerous Goods Office, UK CAA & Chairman ICAO DGP
0910 – 0930	KEYNOTE ADDRESS Ms Xu Qing, Deputy Director, Division of General Affairs, CAAC
0930 – 1030	LITHIUM BATTERY BACKGROUND BRIEFING Explanation about the basis for the regulations on the air transport of lithium batteries. This will include information about the regulatory structure for air transport. The existing testing requirements for lithium cells and batteries to be placed into transport, etc. Mr George Kerchner, Executive Director, PRBA Mr David Brennan, Asst. Director Cargo Safety & Standards, IATA
1030 – 1115	<i>Networking break</i>
1115 – 1230	REGULATORY UPDATE – Changes from UN and ICAO The dangerous goods transport regulations are revised every two years through the work of the UN Subcommittee of Experts, and for air transport the ICAO Dangerous Goods Panel. This session will outline the regulatory changes for lithium batteries that will become effective 1 January 2013. Mr David Brennan, Asst. Director Cargo Safety & Standards, IATA
1230 – 1400	<i>Networking lunch</i>
1400 – 1440	UN PACKAGING REQUIREMENTS Mr Jiang Wei, Director Department of Identification and Inspection of Dangerous Goods and Packaging
1440 – 1515	LITHIUM BATTERY TESTING REQUIREMENTS & QUALITY ASSURANCE Mr Liu Gang, Professor Senior engineer, Shanghai Chemical Laboratory
1515 – 1600	<i>Networking break</i>
1600 – 1700	APPROVAL / RECOGNITION / AVAILABILITY OF TEST RESULTS Panel session to review the situation regarding the availability of UN Subsection 38.3 tests for lithium batteries. What mutual recognition should be given to the completion of test results and how widely should test results be made available. Moderator – Mr P. (Bala) Balasubramanian, Emirates Requirements in mainland China – Mr Terry Guo, Bureau of DG Airline requirements – Ms Chen Jie, China Eastern Battery manufacturers' policies / PRBA Initiative – Mr G. Kerchner

0845 – 0900

CHAIRMAN RECAP OF DAY 1

0900 – 0945

APPROVALS – PROTOTYPE AND LOW PRODUCTION BATTERIES

What is the regulatory requirement to be able to ship prototype and low production lithium batteries? How is this applied in different States?

Ms Janet McLaughlin, FAA

Mr Geoff Leach, UK CAA

0945 – 1030

PACKAGING OF EXCEPTED LITHIUM CELLS AND BATTERIES

The Regulations currently provide for “small” lithium batteries and equipment packed with or containing these small lithium batteries to be excepted from much of the regulatory requirements. Compliance with the packaging requirements is critical to achieve the required safety requirements. This session will look at just how the packaging must address the applicable safety requirements.

Mr George Kerchner, PRBA

1030 – 1115

Networking break

1115 – 1230

SAFETY & SECURITY CHAIN ON LITHIUM BATTERY HANDLING

The safety of lithium batteries in air transport requires that all parts of the supply chain comply with the regulatory requirements. This session will explore some of the issues and challenges facing airlines and regulatory authorities in being able to ensure compliance.

Mr Joe Yang, Safety Inspector, China Air Transport Association

1230 – 1400

Networking lunch

1400 – 1440

MANUFACTURER CERTIFICATION, QUALITY ASSURANCE OF LITHIUM BATTERY PRODUCTION

This session will look at background on the manufacture of lithium batteries and the safety benefits of implementing a quality assurance program and independent certification of lithium battery production process.

Mr Song Yang, Director, China Inspection and Quarantine

1440 – 1515

AIRLINE ACCEPTANCE / HANDLING ISSUES

Panel session looking at the issues affecting airlines and ground handling agents in accepting, handling and loading shipments containing lithium batteries.

Moderator – Mr Geoff Leach

Mr P. (Bala) Balasubramanian, Emirates

Mr Simon Yap, HACTL

Mr Pat Oppenheimer, FedEx

1515 – 1600

Networking break

1600 – 1700

LESSONS LEARNT / WHAT DOES THE FUTURE BRING?

Wrap-up of the 2-day's discussions to look forward at what opportunities there may be to improve the safety of lithium batteries in air transport and what regulatory action is likely.

Panel Discussion