



**WORKING PAPER**

**DANGEROUS GOODS PANEL (DGP)  
MEETING OF THE WORKING GROUP OF THE WHOLE**

**Beijing, China, 25 October to 3 November 2006**

**Agenda Item 2: Development of recommendations for amendments to the Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284) for incorporation in the 2009/2010 Edition**

**2.8: Part 8 — Provisions Concerning Passengers and Crew**

**ELIMINATION OF PASSENGER EXCEPTION FOR CERTAIN  
LITHIUM BATTERIES**

(Presented by R. Richard)

**SUMMARY**

This paper proposes that the DGP-WG consider eliminating the passenger exception for lithium batteries containing more than 8 grams but not more than 25 grams aggregate equivalent lithium content.

**1. INTRODUCTION**

1.1 At present the Technical Instructions allow certain lithium batteries to be carried in the cabin of a passenger carrying aircraft in accordance with 8.1.1.2 q) which states the following:

q) consumer electronic devices (watches, calculating machines, cameras, cellular phones, laptop computers, camcorders, etc.) containing lithium or lithium ion cells or batteries when carried by passengers or crew for personal use. Spare batteries must be individually protected so as to prevent short circuits and carried in carry-on baggage only. In addition, each spare battery must not exceed the following quantities:

- for lithium metal or lithium alloy batteries, a lithium content of not more than 2 grams; or
- for lithium ion batteries, an aggregate equivalent lithium content of not more than 8 grams.

Lithium ion batteries with an aggregate equivalent lithium content of more than 8 grams but not more than 25 grams may be carried in carry-on baggage if they are individually protected so as to prevent short circuits and are limited to two spare batteries per person.

1.2 The exception for lithium ion batteries containing an aggregate equivalent lithium content of more than 8 grams but not more than 25 grams is based on limits that were agreed to by the UN Sub-Committee for inclusion in the 8<sup>th</sup> Revised Edition of the UN Recommendations but later removed as of the 11<sup>th</sup> Revised Edition. Based on problems experienced in transport with smaller batteries containing less than 8 grams of lithium equivalent content, and the fact that the exceptions for these larger batteries with more than 8 grams and less than 25 grams were removed from the UN Model Regulations, it is proposed that the passenger exception for these larger batteries be deleted.

## 2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to *amend* 8;1.1.2 q) as follows to remove the exception for batteries with an aggregate equivalent lithium content of more than 8 grams but not more than 25 grams:

- q) consumer electronic devices (watches, calculating machines, cameras, cellular phones, laptop computers, camcorders, etc.) ...

~~Lithium ion batteries with an aggregate equivalent lithium content of more than 8 grams but not more than 25 grams may be carried in carry on baggage if they are individually protected so as to prevent short circuits and are limited to two spare batteries per person.~~

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*Editorial Note.*— In the 2007-2008 Edition of the Technical Instructions, the paragraph proposed for deletion appears after list item r).

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