



WORKING PAPER

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

Auckland, New Zealand, 4 to 8 May 2009

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 2011/2012 Edition

Agenda Item 5.3: Review of provisions for dangerous goods relating to batteries
a) lithium batteries

SHIPPING LITHIUM BATTERIES CONTAINED IN OR PACKED WITH EQUIPMENT

(Presented by Jiang Rui)

SUMMARY

This paper proposes the adoption of a Note in Packing Instructions 966, 967, 969 and 970 to clarify the packing instructions' requirements in the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284).

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 The 2009-2010 Edition of the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) developed new Packing Instructions 965, 966, 967, 968, 969 and 970 to more clearly state the requirements for the transport of various types of lithium batteries packed either on their own (Packing Instruction 965 or 968), contained in equipment (Packing Instruction 967 or 970) or packed with equipment (Packing Instruction 966 or 969).

1.2 During actual transport, it is possible for a package of equipment to contain two or more batteries. For example, one battery could be contained in equipment; the other packed with equipment. Another possibility is that there are two or more than two pieces of equipment in one package (such as a notebook with a remote controller), each piece of equipment equipped with a battery contained in or packed with the equipment. In such instances, none of the above packing instructions is appropriate for the shipment. This leads to confusion and arguments during transport and delays in air shipments.

2. **ACTION BY THE DGP-WG**

2.1 The DGP-WG is invited to consider adding the following clarification to PI 966, 967, 969 and 970 :

Note.— In case a package contains batteries in equipment and other batteries packed with equipment, the most appropriate proper shipping name and associated packing instruction must be used.

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