



**WORKING PAPER**

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

**Memphis, 30 April to 4 May 2007**

**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**

**2.4: Part 4 — Packing Instructions**

**PACKING INSTRUCTION 918**

(Presented by D. Brennan)

**SUMMARY**

This paper proposes amendments to Packing Instruction 918 to clearly identify the applicable marking and labelling requirements.

Action by the DGP-WG is in paragraph 2.

**1. INTRODUCTION**

1.1 Packing Instruction 918 sets out the requirements for lithium batteries packed with equipment on both passenger and cargo aircraft. One of the requirements contained in PI 918 is that “The equipment and the packages of lithium cells or batteries must be overpacked.”

1.2 The use of the word “overpacked” has been questioned as to whether it is intended that the consignment as presented for transport must bear all the marks and labels required for an overpack as set out in Part 5;1 and 5;2.4.9, or rather if the equipment plus the lithium batteries should be treated as a single “package”.

1.3 As Packing Instruction 918 requires that the lithium batteries must be packed in UN Specification packagings it is believed that the package containing the lithium batteries must bear all required marks and labels in accordance with Part 5;1, 5;2 and 5;3. In addition the overpack containing the package of batteries and the piece(s) of equipment must be marked and labelled as required by 5;1 and 5;2.4.9 and this should be specifically stated in Packing Instruction 918.

## 2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to amend Packing Instruction 918 as shown below:

918	PACKING INSTRUCTION 918	918
	<p>This entry applies to cells and batteries containing lithium in any form, including lithium polymer and lithium ion cells and batteries, when packed with equipment.</p> <p>Lithium cells or batteries packed with equipment must meet the requirements of Packing Instruction 903 other than those related to packaging. Lithium cells and batteries must be packed in fibreboard boxes (4G) or fibre drums (1G) of Packing Group II and in such a manner as to effectively prevent movement which could lead to short circuits. Such packages must not exceed 5 kg gross mass for passenger aircraft or 35 kg gross mass for cargo aircraft. <u>Each completed package containing lithium cells or batteries must be marked and labelled in accordance with the applicable requirements of Part 5, Chapters 1, 2 and 3.</u></p> <p>The equipment and the packages of lithium cells or batteries must be <del>overpacked</del> <u>placed in an overpack. The overpack must bear applicable marks and labels as set out in Part 5;1 and 5;2.4.9.</u></p> <p>For the purpose of this packing instruction, “equipment” means apparatus requiring the lithium batteries with which it is packed for its operation.</p>	

— END —