



**WORKING PAPER**

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

**Abu Dhabi, United Arab Emirates, 7 to 11 November 2010**

**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 2013/2014 Edition**

**AMENDMENT TO THE UN NUMBER REFERENCE FOR LITHIUM BATTERY OR LITHIUM CELLS IN ATTACHMENT 2**

(Presented by K. Wu)

**SUMMARY**

This paper proposes to amend the UN number reference for lithium battery or lithium cells in Attachment 2 of 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 Attachment 2 of the Technical Instructions refers to the UN numbers for lithium battery or lithium cells as UN 3090 and UN 3091, as follows:

**LITHIUM BATTERY OR LITHIUM CELLS.** A battery is one or more cells 3090, 3091 which are electrically connected together by a permanent means. A cell is a single encased electromechanical unit which exhibits a voltage differential across its two terminals.

1.2 The 2009-2010 Edition of the Technical Instructions incorporated a number of revisions to requirements for the transport of lithium batteries, and the revisions included assigning new UN numbers for lithium ion batteries (including lithium ion polymer batteries) as follow:

- UN 3480 **Lithium ion batteries** (including lithium ion polymer batteries)
- UN 3481 **Lithium ion batteries contained in equipment** (including lithium ion polymer batteries) *or*  
**Lithium ion batteries packed with equipment** (including lithium ion polymer batteries)

1.3 This paper proposes to amend the UN number reference for lithium battery or lithium cells in Attachment 2 of the Technical Instructions by adding UN numbers 3480 and 3481.

## 2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to consider revising the text in Attachment 2 when referring to the relevant UN numbers for lithium battery or cell as follow:

<i>Term and explanation</i>	<i>UN Number(s), when relevant</i>
<b>LITHIUM BATTERY OR LITHIUM CELLS.</b> A battery is one or more cells which are electrically connected together by a permanent means. A cell is a single encased electromechanical unit which exhibits a voltage differential across its two terminals.	3090, 3091, <del>3480, 3481</del>

— END —