



**WORKING PAPER**

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

Atlantic City, United States, 4 to 8 April 2011

**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**

**2.4: Part 4 — Packing Instructions**

**PACKAGINGS FOR SOLIDS WHICH MAY BECOME LIQUID DURING TRANSPORT**

(Presented by D. Brennan)

**SUMMARY**

This working paper proposes a clarification to the text regarding packagings which must be used for solids that may become liquid during transport.

Action by the DGP-WG is in paragraph 2.

**1. INTRODUCTION**

1.1 At the last meeting of the DGP working group of the whole, working paper DGP-WG/10-WP43 was presented proposing some clarification on the use of single packagings for solid substances that may become liquid during transport.

1.2 While there was some discussion on the working paper at DGP-WG/10, and agreement that this was an issue that needed to be addressed, the panel members present considered that additional time was required for consideration on how best to proceed.

1.3 The report of the meeting reflects that this subject would be revisited at DGP-WG/11 with the intent of raising the matter with the UN Subcommittee in June 2011 and then based on the UN Subcommittee opinion, potentially further discussion at DGP/23.

## 2. ACTION BY THE DGP-WG

2.1 The proposal originally presented at DGP-WG/10 on WP/43 is set out below:

2.2 The DGP-WG is invited to provide comments on the application of Part 4;1.1.17 and whether there is a need to provide additional guidance to shippers and cargo acceptance staff on which types of single packagings are permitted. For example, if the DGP-WG believes that only single packagings for solids are permitted whether a note to that effect should be added under 4;1.1.17 as follows:

1.1.17 Packagings used for solids which may become liquid at temperatures encountered during air transport must also be capable of containing that substance in the liquid state.

*Note 1.— Packagings for solids (both inner and single) which may be permitted by the applicable packing instruction should not be used if they are unsuitable for containing liquids (e.g. paper or plastic bags as inner packagings, unlined fibre drums as single packagings, should not be used).*

*Note 2.— Where single packagings are permitted for such substances, only single packagings approved for solid substances may be used*

2.3 If the DGP-WG believes that clarification is required on the application of 4;1.1.17, the working group is invited to request that the Secretary raise this issue with the UN Subcommittee by way of an INF paper to the thirty-ninth session of the UN Subcommittee.

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