



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 2.3: Part 3 — Dangerous Goods List, Special Provisions and Limited and Excepted Quantities

SECURING OF DANGEROUS GOODS IN OVERPACKS

(Presented by D. Raadgers)

SUMMARY

This paper proposes to add an additional provision that requires the shipper to secure dangerous goods in overpacks.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 At this moment there is no provision in the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) that requires the shipper to secure dangerous goods within an overpack.

1.2 At DGP-WG/08 a paper was submitted seeking the opinion of the working group with respect to the shipper's responsibility on securing dangerous goods within an overpack (DGP-WG/08-WP/67). An amendment to add an additional provision on securing dangerous goods in overpacks in the requirements of 3;5.2 and 5;1.1 was proposed and supported in principle.

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to consider:

a) amending Part 5;1.1. as follows:

Chapter 1

GENERAL

...

1.1 GENERAL REQUIREMENTS

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f) the overpack does not contain packages of dangerous goods which require segregation according to Table 7-1;

g) when packages are placed in an overpack, the packages with dangerous goods must be secured in a manner that will prevent any movement;

g.h) the dangerous goods are not included in any freight container/unit load device except for radioactive material as specified in 7;2.9 (subject to the approval of the operator, this does not apply to a unit load device containing consumer commodities prepared according to Packing Instruction 910 or dry ice used as a refrigerant for other than dangerous goods when prepared according to Packing Instruction 904 or magnetized material when prepared according to Packing Instruction 902);

i) before a package or overpack is reused, all inappropriate dangerous goods labels and markings are removed or completely obliterated; and

j) each package contained within an overpack is properly packed, marked, labelled and is free of any indication that its integrity has been compromised and in all respects is properly prepared as required in these Instructions. The "overpack" marking described in 2.4.10 is an indication of compliance with this requirement. The intended function of each package must not be impaired by the overpack.

Note.— For cooling purposes, an overpack may contain dry ice, provided that the overpack meets the requirements of Packing Instruction 904.

b) amending Part 3;5.2 as follows:

Chapter 5

DANGEROUS GOODS PACKED IN EXCEPTED QUANTITIES

...

5.2 PACKAGINGS

5.2.1 Packagings used for the transport of dangerous goods in excepted quantities must be in compliance with the following:

...

f) overpacks may be used and may also contain packages of dangerous goods or goods not subject to these Instructions provided that they are secured in a manner that will prevent them from any movement within the overpack.