International Civil Aviation Organization

WORKING PAPER

DGP-WG/05-WP/19
11/3/05

DANGEROUS GOODS PANEL (DGP)

MEETING OF THE WORKING GROUP OF THE WHOLE

Montreal, 18 to 22 April 2005

Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions* for incorporation in the 2007/2008 edition
2.4: Part 4 — Packing Instructions

DRY ICE CONTAINED IN A UNIT LOAD DEVICE

(Presented by J. Code)

1. INTRODUCTION

1.1 Problems relating to the carriage of dry ice when contained loose in a unit load device (ULD) were discussed during the October 2004 ICAO DGP Working Group of the Whole meeting. It was agreed to introduce a new Special Provision adjacent to the Carbon Dioxide Solid entry as follows:

> Axx When dry ice is used as a refrigerant for other than dangerous goods loaded in a unit load device or, other type of pallet , the quantity limits per package shown in columns 10 and 12 in table 3-1 for dry ice do not apply. In such case, the unit load device, or other type of pallet must be properly identified and must allow the venting of the carbon dioxide gas to prevent a dangerous build up of pressure.

and to revise Packing Instruction 904 as follows:

> Dry ice used as a refrigerant for other than dangerous goods may be shipped in a unit load device or other type of pallet prepared by a single shipper provided that the shipper has made prior arrangements with the operator.

It was also agreed the ULD containing Dry Ice required an identification tag.

2. PROPOSAL

2.1 Revise the new text to Packing Instruction 904 by adding the following:

'Dry ice used as a refrigerant for other than dangerous goods may be shipped in a unit load device or other type of pallet prepared by a single shipper provided that the shipper has made prior arrangements with the operator. The Unit Load Device must display an identification tag having a border of prominent red hatchings on both sides and the minimum dimensions of 148 mm × 210 mm. The hazard class and total quantity of the Dry ice must be visibly indicated on this tag.

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