International Civil Aviation Organization

WORKING PAPER

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4/3/05

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
2.3: Part 3 — Dangerous Goods List and Limited Quantities Exceptions

RECEPTACLES SMALL, CONTAINING GAS & GAS CARTRIDGES

(Presented by J. Abouchaar)

1. INTRODUCTION

1.1 UN 2037, Receptacles, small containing gas without release device and UN 2037, Gas cartridges without release device are assigned to Packing Instruction 200 for cargo aircraft only.

1.2 Paragraph (a) of Packing Instruction 200 states "Pressure relief devices must be fitted on cylinders used for the transport of UN 1013 Carbon dioxide and UN 1070 Nitrous oxide. Other cylinders must be fitted with a pressure relief device…." As stated on the shipping name, the six entries of UN 2037 assigned to Packing Instruction 200 are without release devices, hence not in compliance with these regulations.

1.3 Packing Instructions 203 and Y203 are assigned to UN 2037 for passenger aircraft (see table below). Packing Instructions 203 and Y203 do not require relief devices.

1.4 Furthermore, UN 2037 is assigned to Packing Instruction P003 of the United Nations Recommendations on the Transport of Dangerous and there is no statement requiring the need of pressure relief devices.

2. PROPOSAL

2.1 It is proposed to modify the assigned Packing Instruction 200 to 203 for cargo aircraft only. See the proposed changes below to Table 3-1 for UN 2037 - Gas cartridges and Receptacles, small containing gas:

Name	UN No.	Class or Division	Subsidiary Risk	Labels	State Variations	Special Provisions	UN Packing Group	Passenger aircraft		Cargo aircraft	
								Packing Instruction	Max. net quantity per package	Packing Instruction	Max. net quantity per package
Gas cartridges, (flammable) without a release device, non-refillable	2037	2.1		Gas flammable				203 Y203	1 kg 1kg	~~200~~ 203	15 kg
Gas cartridges, (non-flammable) without a release device, non-refillable	2037	2.2		Gas non-flammable				203 Y203	1 kg 1kg	~~200~~ 203	15 kg
Gas cartridges, (oxidizing) without a release device, non-refillable	2037	2.2	5.1	Gas non-flammable & Oxidizer				203 Y203	1 kg 1kg	~~200~~ 203	15 kg
Receptacles, small containing gas, (flammable) without a release device, non-refillable	2037	2.1		Gas flammable				203 Y203	1 kg 1kg	~~200~~ 203	15 kg
Receptacles, small containing gas, (non-flammable) without a release device, non-refillable	2037	2.2		Gas non-flammable				203 Y203	1 kg 1kg	~~200~~ 203	15 kg
Receptacles, small containing gas, (oxidizing) without a release device, non-refillable	2037	2.2	5.1	Gas non-flammable & Oxidizer				203 Y203	1 kg 1kg	~~200~~ 203	15 kg

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