DANGEROUS GOODS PANEL (DGP)

MEETING OF THE WORKING GROUP OF THE WHOLE

Abu Dhabi, 4 to 8 October 2004

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

PACKAGINGS FOR AEROSOLS

(Presented by J. Abouchaar)

1. INTRODUCTION

1.1 Packing Instruction 203 applies to UN 1950 - Aerosols and UN 2037 - Gas cartridges and Receptacles, small, containing gas. Paragraph i) in PI 203 requires that the receptacles must be packed in UN Specification packagings of the types 4C1, 4C2, 4D, 4F, 4G, 4H1 or 4H2 meeting Packing Group II standard.

1.2 While the nomination of UN specification outer packagings is a standard arrangement for the packing instructions, in the case of aerosols, gas cartridges and gas receptacles, the testing requirements of Part 6 make compliance with this requirement impossible.

1.3 The package testing requirements of Part 6;4.2 requires that:

> Tests must be carried out on packagings prepared as for transport including, with respect to combination packagings, the inner packagings used. Inner or single receptacles or packagings must be filled to not less than 98 per cent of their maximum capacity for liquids or 95 per cent for solids.

1.4 The contents of an aerosol, as defined in 1;3.1 contain "a gas with or without a liquid, paste or powder". The issue then is, how does this correspond to the testing requirements of Part 6;4.2 and what testing requirements should apply to outer packagings for aerosols.

1.5 UN Model Regulations do require aerosols to be packaged in UN specification packagings, but rather in "suitable outer packagings" as shown in Packing Instruction P003. UN Packing Instruction P003 also imposes a lower limit for some types of packagings for aerosols than applies in Table 3-1 of the Technical Instructions.

2. PROPOSAL

2.1 There is no specific proposal at this time. Rather the Panel is asked to consider reviewing the applicable packing requirements for aerosols and UN 2037 as part of the general review of the packing instructions for Classes 3 to 6, 8 and 9 that will take place over the present biennium.

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