DANGEROUS GOODS PANEL

Frankfurt, 16 to 20 September 2002

Agenda Item 2: Development of recommendations for amendments to the Technical Instructions for incorporation in the 2005/2006 edition

MARKING OF PACKAGES CONTAINING GAS CYLINDERS

(Presented by J Abouchaar)

1. INTRODUCTION

1.1 DGP/18 – WP/56 introduced new provisions applicable to gas cylinders, including standards applicable to the testing and marking of UN certified cylinders.

1.1.2 To facilitate the incorporation of these new provisions, Packing Instruction 200 has been extensively re-written and new packing provisions for Class 2 included in Part 4;4.1. However many of the existing packaging requirements remain such as the ability for the shipper to contain cylinders in an outer packaging to protect the valves from damage. The Packing Instruction does not make it clear if these outer packagings are considered to be an overpack or an outer packaging not requiring UN Specification marking.

1.1.3 The use of an outer packaging means that any specification marking which may have been applied to the cylinder, either UN Specification marking or specification markings required by the appropriate national authority for non-UN Specification cylinders, are not visible.

1.1.4 Refillable cylinders transported unpackaged will have any specification markings visible, however for refillable cylinders contained in outer packagings and non-refillable cylinders, which must be packed in an outer packaging, the specification markings will not be visible.

1.1.5 Part 5;2.4.9.(b), states that overpacks containing packagings for which UN Specification Markings are required, must be marked with the statement "Inner packages comply with prescribed specifications". In strict terms however, overpacks are intended to contain a **completed** package and are for convenience of handling, not as protection for the container of dangerous goods.

2. PROPOSAL

2.1 It is proposed to amend Part 4 (new, see DGP 18 report page 2B4-11);4.1.1.7(f) as follows: ".. the packing group I performance level. The outer packaging must be marked as required by Part 5; 2.4.9."

2.1.2 It is proposed to amend Part 4;4.1.1.8(a) as follows:

"(a) be transported in an outer packaging, such as a box, or crate, or in shrink-wrapped trays or stretch wrapped trays. The outer packaging must be marked as required by Part 5; 2.4.9."

2.1.3 Add a new paragraph as Part 5; 2.4.9 as follows:

2.4.9 Special marking requirements for gas cylinders
Where a cylinder is packed in an outer packaging in accordance with the requirements of Packing Instruction 200, the statement 'inner packages comply with prescribed specifications' must appear on the outer packaging unless such markings are visible.

2.1.4 There would be consequential re-numbering of existing Part 5; 2.4.9 to 2.4.11.

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