

## Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals

Sub-Committee of Experts on the Transport of Dangerous Goods

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Item 4 (c) of the provisional agenda

Transport of gases: miscellaneous

## Comments on ST/SG/AC.10/C.3/2013/61 – consequential amendments

Submitted by the International Organisation for Standardisation (ISO)

### Introduction

1. Proposal 4 of paper ST/SG/AC.10/C.3/2013/61 adds a reference to the new standard ISO 3807:2013 *Gas cylinders – Acetylene cylinders – Basic requirements and type testing*. The earlier versions of this standard are referred to in packing instruction P200 special packing instruction ‘p’ and the purpose of this paper is to update that text to accommodate this new standard.

### Proposal

2. Amend the text of 4.1.4.1 P200 (4) special packing instruction ‘p’ as shown. New text is underlined.

p: For UN No. 1001 acetylene, dissolved, and UN No. 3374 acetylene, solvent free: cylinders shall be filled with a homogeneous monolithic porous material; the working pressure and the quantity of acetylene shall not exceed the values prescribed in the approval or in ISO 3807 1:2000, ~~or~~ ISO 3807-2:2000 or ISO 3807:2013, as applicable.

For UN No. 1001 acetylene, dissolved: cylinders shall contain a quantity of acetone or suitable solvent as specified in the approval (see ISO 3807-1:2000, ~~or~~ ISO 3807-2:2000 or ISO 3807:2013, as applicable); cylinders fitted with pressure relief devices or manifolded together shall be carried vertically.

Alternatively, for UN No. 1001 acetylene, dissolved: cylinders which are not UN pressure receptacles may be filled with a non monolithic porous material; the working pressure, the quantity of acetylene and the quantity of solvent shall not exceed the values prescribed in the approval. The maximum test period for periodic inspection of the cylinders shall not exceed five years.

A test pressure of 52 bar shall be applied only to cylinders fitted with a fusible plug conforming to ISO 3807-2:2000.

## **Justification**

3. Since P200 applies to existing and new equipment, the reference to all three standards is needed. ISO 3807:2013 includes both cylinders with and without fusible plugs, unlike ISO 3807-2:2000 which covered only cylinders with fusible plugs. Therefore in the final paragraph it is necessary to refer to the fitting of a fusible plug, not the standards. There are no other references to the ISO 3807 series of standards in the Model Regulations.

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