

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods

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Item 5 a) of the provisional agenda

Proposals for amendments to RID/ADR/ADN: pending issues

6.2.3.9 Marking of refillable pressure receptacles

Transmitted by the European Industrial Gases Association (EIGA)

Introduction

1. In support of the proposal from ECE/TRANS/WP.15/AC.1/2009/30, the following amended wording is proposed with new text in bold.

6.2.3.9 Marking of refillable pressure receptacles

6.2.3.9.1 Markings shall be in accordance with sub-section 6.2.2.7 with the following variations.

6.2.3.9.2 The United Nations packaging symbol specified in 6.2.2.7.1(a) shall not be applied.

6.2.3.9.3 The requirements of 6.2.2.7.2 (j) shall be replaced by the following:

(j) The water capacity of the pressure receptacle in litres followed by the “L”. In the case of pressure receptacles for liquefied gases the water capacity in litres shall be expressed to three significant figures rounded down to the last digit. If the value of the minimum or nominal water capacity is an integer the figures after the decimal point may be neglected

6.2.3.9.4 The marks specified in 6.2.2.7.2 (g) and (h) and 6.2.2.7.3 (m) are not required for pressure receptacles for UN No. hydrocarbon gas mixture, liquefied, n.o.s.

6.2.3.9.5 When marking the date with 6.2.2.7.6 (c), the month need not be indicated for gases for which the interval between periodic inspections is 10 years or more (see packing instructions P200 and P203 of 4.1.4.1).

6.2.3.9.6 The marks in accordance with 6.2.2.7.6 may be engraved on a ring of an appropriate material affixed to the cylinder when the valve is installed and which is removed only by disconnecting the valve from the cylinder.

6.2.3.9.7 Marking of bundle of cylinders

6.2.3.9.7.1 Individual cylinders in a bundle of cylinders shall be marked in accordance with 6.2.3.9.1 to 6.2.3.9.6.

6.2.3.9.7.2 A plate permanently attached to the frame of the bundle shall bear the following markings.

6.2.3.9.7.2.1 The certification marks specified in 6.2.2.7.1 (b), (c), (d) and (e).

6.2.3.9.7.2.2 The operational marks specified in 6.2.2.7.2 (f), (i), (j) and the gross mass which shall include the mass of the frame of the bundle and all permanently attached parts (cylinders, manifold, fittings and valves). Bundles intended for the carriage of UN 1001 Acetylene, Dissolved and UN 3374 Acetylene, Solvent Free shall bear the tare mass as specified in paragraph a) 6) of clause 5.4 of EN 12755:2000.

6.2.3.9.7.2.3 The manufacturing marks specified in 6.2.2.7.3 (n), (o) and, where applicable (p).

6.2.3.9.7.2.4 The marks shall be placed in three groups as

- The manufacturing marks shall be the top grouping and shall appear consecutively in the sequence given in 6.2.3.9.7.3

- The operational marks in 6.2.3.9.7.2 shall be the middle grouping (f) and shall be immediately preceded by (i) when the later is required.

- Certification marks shall be the bottom grouping and shall appear in the sequence given in 6.2.3.9.7.1
