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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 3 (a) of the provisional agenda

OUTSTANDING ISSUES OR PROPOSALS OF AMENDMENTS TO THE RECOMMENDATIONS ON THE TRANSPORT OF DANGEROUS GOODS

Transport of gases

Amendment to allow periodic stampmarking of acetylene cylinders on a ring

Transmitted by the European Industrial Gases Association (EIGA)

Introduction

Several countries permit the application of periodic inspection stampmarking of acetylene cylinders on a ring which is trapped between the neck of the cylinder and the valve. This possibility is recognized in the published ISO standard 13769. RID and ADR permits the practice and adopted the following text in the 2003 editions.

"6.2.1.7.7 For acetylene cylinders, with the agreement of the competent authority, the date of the most recent periodic inspection and the stamp of the expert may be engraved on a ring affixed to the cylinder when the valve is installed and which is removable only by disconnecting the valve from the cylinder."

Proposal

Insert in the UN Model Regulations the following text:

"6.2.2.7.7 For acetylene cylinders, with the agreement of the competent authority, the date of the most recent periodic inspection and the stamp of the body performing the periodic inspection and test

may be engraved on a ring held on the cylinder by the valve. The ring shall be configured so that it can only be removed by disconnecting the valve from the cylinder."

Justification

1. Many acetylene cylinders are welded cylinders and therefore have a relatively thin wall. Consequently, applying stampmarking risks damaging the porous mass.

2. The system is secure since valves cannot be removed safely except in a well controlled and equipped circumstances such a test facility.