

## Economic Commission for Europe

### Inland Transport Committee

Working Party on the Transport of Dangerous Goods

6 March 2024

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

Bern, 25-28 March 2024

Item 5 (b) of the provisional agenda:

**Proposal for amendments to RID/ADR/ADN:**

**New proposal**

### Marking of LPG Cylinders – 6.2.3.9.4

Transmitted by Liquid Gas Europe

#### *Summary*

**Executive summary:** RID/ADR/ADN 6.2.3.9.4 states that the marks specified in 6.2.2.7.3 (g) and (h) and 6.2.2.7.4 (m) are not required for pressure receptacles for UN No. 1965 hydrocarbon gas mixtures, liquefied, N.O.S. 6.2.2.7.3 (g) is the requirement to indicate the mass of the cylinders and (h) the minimum wall thickness. 6.2.2.7.4 (m) is the requirement to identify the cylinders thread.

RID/ADR/ADN now have many non-European signatory countries that use alternative UN numbers for LPG (UN 1011, UN 1075 and UN 1978), 6.2.3.9.4 needs to be updated to allow this provision to be applied to all UN numbers used for LPG.

**Action to be taken:** Exchange of views as to if 6.2.3.9.4 can be updated to include the three additional UN numbers that are used for LPG, pending the result of these discussions Liquid Gas Europe will submit an official document for the autumn session of the Joint Meeting.

## I. Introduction

1. RID/ADR/ADN now have many non-European signatory countries and need to take into account that they assign LPG to the alternative UN numbers (UN 1011, UN 1075 and UN 1978).
2. 6.2.3.9.4 states that the marks specified in 6.2.2.7.3 (g) and (h) and 6.2.2.7.4 (m) are not required for pressure receptacles for UN No. 1965 hydrocarbon gas mixtures, liquefied, N.O.S. 6.2.2.7.3 (g) is the requirement to indicate the mass of the cylinders and (h) the minimum wall thickness. 6.2.2.7.4 (m) is the requirement to identify the cylinders thread (for the valve).
3. 6.2.3.9.4 needs to be amended so that it applies to UN numbers UN 1011, UN 1075, UN 1965 and UN 1078.

## II. Proposal

4. Amend 6.2.3.9.4 as follows:  
“6.2.3.9.4 The marks specified in 6.2.2.7.3.(g) and (h) and 6.2.2.7.4 (m) are not required for pressure receptacles for UN Nos. **1011 butane, 1075 petroleum gases, liquefied,** 1965 hydrocarbon gas mixtures, liquefied, N.O.S. **and 1978 propane.**”

## III. Justification

5. The proposed changes will align the requirements in RID/ADR/ADN with the UN numbers used for LPG in all of the countries that are currently signatories and any future signatories.
  6. The proposed changes will simplify the marking of LPG cylinders and thus contribute towards the United Nations, Sustainable Development Goal 7 (Affordable & Clean Energy).
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