

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

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Geneva, 17-27 September 2013

Item 6 (b) of the provisional agenda

Proposals for amendments to RID/ADR/ADN new proposals

Marking of UN number on LPG cylinders

Transmitted by the Government of Italy

The marking of UN number on LPG cylinders shall fulfil section 5.2.1.1 of ADR that contains in the current 2013 version the requirement related to the minimum size of the digits.

The marking can be displayed in different ways: on plastic supports that is fixed between the valve and the valve boss or directly marked on the body of the cylinder. Cylinder marking or any modifications to the markings is usually undertaken at periodic inspection, where the relevant action can be taken on the receptacle in a safe way.

According to the requirement in 5.2.1.1, and to the time schedule prescribed in the ADR, the required modification to the marking of the UN number would result in periodic inspection being undertaken significantly earlier than would be required. The expected significant increase in the number of cylinders immediately requiring periodic inspection may also result in operational difficulties.

The transitional measure 1.6.1.25 allows for the smaller packages, less than 60 litres, to maintain the previous marking until the next periodic inspection but not later than the 30th June 2018, while the larger packages are obliged to comply with the requirements of 5.2.1.1 from the 1st January 2014.

Because in many cases the marking operation needs to be undertaken during a periodic inspection, the transitional period given to fulfil the requirements is too short, therefore the Italian government has the intention to present a multilateral agreement – following the draft in the annex-, aimed to change the deadline to time of the periodic inspection.

DRAFT

*Multilateral agreement Mxyz
under 1.5.1 of ADR concerning marking of UN numbers on LPG cylinders*

- 1) This agreement concerns the marking of refillable cylinders for the carriage of Liquefied Petroleum Gas (LPG) of UN 1011, UN 1075, UN 1965, UN 1969 or UN 1978.
- 2) By derogation from 1.6.1.25 the requirements of 5.2.1.1, related to the minimum size of the UN number marking digits shall be fulfilled at the latest at the time of the next periodic inspection.
- 3) This agreement shall be valid until 30th June 2018 for the carriage on the territories of those ADR Contracting Parties signatory to this agreement. If it is revoked before then by one of the signatories, it shall remain valid until the above mentioned date only for the carriage on the territories of those ADR Contracting parties signatory to this agreement which have not revoked it.