

Economic Commission for Europe
Inland Transport Committee

Working Party on the Transport of Dangerous Goods

3 September 2010

**Joint Meeting of the RID Committee of Experts and the
Working Party on the Transport of Dangerous Goods**
Geneva, 13-17 September 2010
Item 6 of the provisional agenda
Reports of informal working groups

**Report of the informal working group on the periodicity of testing of
cylinders; Definition of LPG**

Transmitted by the European Committee for Standardisation (CEN)

1. Reference is made to the report of the working group on the periodicity of testing of cylinders (ECE/TRANS/WP.15/AC.1/2010/48) which includes the proposal of a definition for “LPG” which reads:

“Liquefied Petroleum Gas (LPG) – low pressure liquefied gas composed of one or more light hydrocarbons, mainly propane, propene, butane, butene and butane isomers. LPG shall be assigned to UN 1011, UN 1075, UN 1965, UN 1969 or UN 1978 only.”

Note 1 Flammable Gases assigned to other UN numbers shall not be regarded as LPG.

Note 2 For UN 1075 see note 2 in 2.2.2.3 under 2F/UN 1965.

2. This is to inform about efforts by CEN/TC 286 “LPG equipment and accessories”, to establish a standard on definitions for LPG equipment and accessories, including those for the transport of LPG which will influence the whole range of standards in this domain.

3. CEN/TC 286 welcomes the approach to establish a definition of “LPG”. In its intention to align standards on the transport of LPG with the regulations of RID/ADR, the above mentioned definition for “LPG” has carefully been considered to be included in the definition standard.

4. As a result of these considerations it has been found, that the proposed wording could be improved. It is suggested to consider the following wording:

“Liquefied Petroleum Gas (LPG) - one or more light hydrocarbons which are assigned to UN 1011, UN 1075, UN 1965, UN 1969 or UN 1978 only and which consists mainly of propane, propene, butane, butane isomers, butene or traces of other hydrocarbon gases”.

5. The suggested amendments take also account of ISO/CEN rules on definitions which ask to term a definition in a single phrase. Furthermore it was argued that the term “low pressure” isn’t specific and not defined. Note 1 is considered as superfluous compared with the detailed positive description of possible constituents.

6. It is asked to consider the text under paragraph 4 for the definition of LPG.
