UNITED NATIONS



# **Economic and Social Council**

Distr. GENERAL

TRANS/WP.29/GRPE/2005/6 19 November 2004

**ENGLISH ONLY** 

### ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Pollution and Energy (GRPE) (Forty-ninth session, 11-14 January 2005, agenda item 5.1.)

## PROPOSAL FOR DRAFT CORRIGENDUM 1 TO SUPPLEMENT 3 TO THE 01 SERIES OF AMENDMENTS TO REGULATION No. 67

(Equipment for liquefied petroleum gas)

Transmitted by the expert from the European LPG Association (AEGPL)

<u>Note</u>: The document reproduced below has been prepared by the expert from AEGPL in order to amend the Regulation with regard to the introduction of the so-called Euro filling unit. The modifications to the current requirements are marked in **bold** characters.

\* \* \*

Note: This document is distributed to the Experts on Pollution and Energy only.

### A. PROPOSAL

Paragraph 6.15.10.6.2., correct to read:

"6.15.10.6.2. The flow through the connector at a pressure difference of 300 kPa shall be at least 60 litres/min, if tested with water;"

Paragraph 6.15.10.7.2., correct to read:

"6.15.10.7.2. The flow through the filling unit, with the non – return valve mechanically opened, at a pressure difference of 500 kPa 50 kPa shall be at least 200 litres/min, when tested with water;"

Insert a new paragraph 6.15.10.7.3., to read:

"6.15.10.7.3. The Euro filling unit shall comply with the impact test as described in paragraph 7.4."

Paragraphs 7. to 7.2., correct to read:

- "7. Impact test requirements for the Euro filling unit
- 7.1. General requirements:

  The filling unit shall be subjected to an impact test to 40 J 10 J.
- 7.2. Test procedure
  A hardened steel mass of 4 kg 1 kg shall be dropped from a height of ...

\* \* \*

#### **B.** JUSTIFICATION

At the WP.29 session in March 2004, TRANS/WP.29/2001/61 was adopted into Regulation No. 67 giving the provisions necessary for the homologation of the Euro LPG filling unit. AEGPL realized the need for amending some provisions of this text. The justification for the corrections is as follows:

- 1. error in the pressure difference mentioned for the calculation of the flows;
- 2. only the connectors of the Euro filling unit type must be subjected to the test of impact. The application of this amendment should not be retroactive for connectors of the existing type. As a consequence, it is suggested to modify the title of paragraph 7;
- 3. modification of energy necessary for the impact test;
- 4. the procedure of the impact test has to be modified as a consequence.