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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on General Safety Provisions****115th session**

Geneva, 9-12 October 2018

Item 9(a) of the provisional agenda

Amendments to gas-fuelled vehicle regulations:**UN Regulation No. 67 (LPG vehicles)****Proposal for Supplement 16 to the 01 series of amendments and
for Supplement 1 to the 02 series of amendments to UN
Regulation No. 67 (LPG vehicles)****Submitted by the expert from the European Liquefied Petroleum Gas
Association***

The text reproduced below was prepared by the expert from the European Liquefied Petroleum Gas Association (AEGPL) to simplify and adapt the provisions of UN Regulation No. 67 to technical progress, in particular the definition of a type of container and Annex 2B. It is mainly based on ECE/TRANS/WP.29/GRSG/2018/8, presented at the 114th session of the Working Party on General Safety Provisions (GRSG). The modifications to the current text of UN Regulation No. 67 are marked in bold characters.

* In accordance with the programme of work of the Inland Transport Committee for 2014–2018 (ECE/TRANS/240, para. 105 and ECE/TRANS/2014/26, cluster 02.4), the World Forum will develop, harmonize and update UN regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

Paragraph 2.4., shall remain unchanged:

"2.4. "Type of container" means containers which in respect to the following characteristics as specified in Annex 10:

- (a) The trade name(s) or trade mark(s);
- (b) The shape (cylindrical, special shape);
- (c) The openings (plate for accessories/metal ring);
- (d) The material;
- (e) The welding process (in case of metal containers);
- (f) The heat treatment (in case of metal containers);
- (g) The production line;
- (h) The nominal wall thickness;
- (i) The diameter;
- (j) The height (in case of special containers)."

Annex 2B, amend to read:

"Annex 2B

Communication

(Maximum format: A4 (210 x 297 mm))



issued by: Name of administration:

.....
.....
.....

Concerning:† Approval granted
Approval extended
Approval refused
Approval withdrawn
Production definitively discontinued

of a type of LPG equipment pursuant to UN Regulation No. 67

* Distinguishing number of the country which has granted/extended/refused/withdrawn approval (see approval provisions in this Regulation.)

† Strike out what does not apply.

Approval No.:

1. LPG equipment considered:²
 - Container including the configuration of accessories fitted to the container, as laid down in Appendix 1 to this annex.
 - 80 per cent stop valve
 - Level indicator
 - Pressure relief valve (discharge valve)
 - Pressure relief device
 - Remotely controlled service valve with excess flow valve
 - Multivalve, including the following accessories:
 - Gas-tight housing
 - Power supply bushing (pump/actuators)
 - Fuel pump
 - Vaporizer/pressure regulator
 - Shut-off valve
 - Non-return valve
 - Gas-tube pressure relief valve
 - Service coupling
 - Flexible hose
 - Remote filling unit
 - Gas injection device or injector
 - Fuel rail
 - Gas dosage unit
 - Gas mixing piece
 - Electronic control unit
 - Pressure/temperature sensor
 - LPG filter unit
 - Multi-component
- 1.1. Type:**
- 1.2. Class / WP (WP only for Class 0 components):**
2. Trade name(s) or mark(s):
3. Manufacturer's name and address:
4. If applicable, name and address of manufacturer's representative:
5. Submitted for approval on:
6. Technical Service responsible for conducting approval tests:
7. Date of report issued by that Service:

8. No. of report issued by that Service:
9. Approval granted/refused/extended/withdrawn:²
10. Reason(s) of extension (if applicable):
11. Place:
12. Date:
13. Signature:
14. The documents filed with the application or extension of approval can be obtained upon request."

II. Justification

1. This proposal amends UN Regulation No. 67 on the approval certificate of a type of LPG equipment and improves the text of ECE/TRANS/WP.29/GRSG/2018/8 presented by expert from Poland during the 114th session of GRSG.

2. The proposal to remove the trade mark from paragraph 2.4. (type of container) is not appropriate because the manufacturer may specify more than one trade name in the same type approval (more than one can belong to the same certificate due to the (s) in brackets). On the other hand, adding a new trade name obliges the manufacturer to perform an extension anyway because item 2 of the type approval certificate Annex 2B should be updated (this can't be removed because it is applicable to all components, not only the container). Therefore, the trade mark shall be remained in paragraph 2.4.

3. This document proposes to insert additional items in the communication form (Annex 2B): type (item 1.1.) and pressure classification (item 1.2.). The insertion of variant/versions (as proposed by the expert from Poland) would create a precedent in UN Regulation No. 67 compared to other UN Regulations. Furthermore, it will result in an administrative burden for the manufacturer (increased paper work) without any improvement in the safety (in contrary to proposal GRSG 113-36 presented by AEGPL in collaboration with the Netherlands, approved during the 113th session of GRSG and which resulted in an improvement of UN Regulation No. 67). Usually the type/variant/version classification is typical for vehicles and not for components. In this case, only the type designation and pressure class should be reasonably added.
