

Proposal for further amendments to Regulation No. 67

The text reproduced below was prepared by the expert from Germany to amend and correct the changes to the text of Regulation No. 67 as adopted during the 155th session of WP.29 (document ECE/TRANS/WP.29/2011/108). The modifications to the current text of the Regulation are marked in bold for new or strikethrough for deleted characters.

I. Proposal

Annex 3

Paragraphs 5.2. to 5.4., amend to read:

- "5.2. Component classification (according to Figure 1, para. 2): ~~Class 1 or Class 0.~~
Class 0 for the part which is in contact with liquid LPG at a pressure > 3,000 kPa;
Class 1 for the part which is in contact with liquid LPG at a pressure ≤ 3,000 kPa.
- 5.3. Classification pressure:
- | | |
|------------------|-------------|
| Parts of Class 0 | WP declared |
| Parts of Class 1 | 3,000 kPa |
- 5.4. **Design temperatures:**
-20° C to 65° C
For temperatures exceeding the above-mentioned values, special tests conditions are applicable.

Annex 8

Paragraphs 4.5.5 to 4.5.5.3., amend to read:

- 4.5.5. Hydraulic test pressure and determination of the minimum burst-pressure
- 4.5.5.1. The test has to be carried out in compliance with the method described in standard ISO 1402.
- 4.5.5.2. The test pressure of 2.25 WP shall be applied during 10 minutes, without any leakage.
- 4.5.5.3. The burst pressure shall not be less than **10.000kPa and at least 2.25 WP.**"

II. Justification

1. During the 155th session of WP.29 the document ECE/TRANS/WP.29/2011/108 was adopted. This document, at some points, requires additions or corrections.
 2. In annex 3, paragraphs 5.2 – 5.4, the component classification made in paragraph 5.4 can be integrated into paragraph 5.2. This would be consistent with similar modifications based on ECE/TRANS/WP.29/2011/108 made for other components (e.g. annexes 4, 5, 6). The original paragraph 5.4 (design temperatures) was overwritten by new paragraph 5.4 in ECE/TRANS/WP.29/2011/108, but should remain in the regulation. Adopted amendments to paragraph 5.4 in ECE/TRANS/WP.29/2011/108 have been added to paragraph 5.2 of this document.
 3. The addition in annex 8 paragraph 4.5.5.3 is required to close the gap for class 0 hoses with $3,000\text{kPa} < \text{WP} < 4,400\text{kPa}$ (appr.), as those hoses would only need to fulfil lower requirements than class 1 hoses, which have a fixed burst pressure requirement of 10.000kPa (see annex 8; 3.5.5.3).
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