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agenda item 5.1.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 67

(Equipment for liquefied petroleum gas)

Transmitted by the expert from Belarus

Note: The document reproduced below has been prepared by the expert from Belarus in order to improve/correct the prescriptions of the Regulation and to allow pneumatic tests of containers instead of hydraulic tests. The text is based on a document distributed without a symbol (informal document No. GRPE-48-1) during the forty-eighth session of GRPE (TRANS/WP.29/GRPE/48, para. 25). 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 2.3.3., amend to read:

"2.3.3. "Batch of containers" means a maximum of **1,500** containers of the same type produced consecutively on the same **equipment and by the same manufacturing method.**"

Paragraph 6.15.4.1. (Russian text only), correct the words "...средства обмена" to read "... **теплообменной среды 200 кПа**".

Paragraph 6.15.8.2. (Russian text only), correct the figure "2500 ± 100 кПа" to read "**2700 ± 100 кПа**".

Annex 10, paragraph 2., table 1, amend to read (insert a new footnote 2/):

"
Hydraulic test <u>2/</u>	Each container	100 %	See para. 2.3.
.....			

1/ These test pieces can be taken from one container

2/ **It is permitted to carry out pneumatic bench tests with the armour-clad chamber ensuring safety of operation instead of hydraulic tests**

Note 1 6 containers shall be submitted for type approval.

Note 2 On one of these"

* * *

B. JUSTIFICATION

Ad paragraph 2.3.3.:

Carrying out of tests of this number of containers according to table 1 (Annex 10) results in additional financial expenditures of enterprises without an essential rise of safety and reliability of containers under operation. In standards EN 286-1 and EN 286-2, establishing requirements for containers containing air and nitrogen and operating under the same pressure (up to 3 MPa), the batch size is determined at 3,000 pieces.

Ad paragraphs 6.15.4.1. and 6.15.8.2.:

In the Russian version, the wording of the text is corrected with respect to the English and French versions.

Ad annex 10, paragraph 2., table 1:

There is no reason to carry out this type of tests only with the use of liquid. Under the necessary safety ensuring measures, Belarus is considering the possibility of carrying out pneumatic tests, if previously similar tests have been carried out at these enterprises. Pneumatic tests of containers are admitted according to EN 286-1 and EN 286-2.
