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## **PROPOSAL FOR DRAFT SUPPLEMENT TO REGULATION NO. 110**

**(Specific components for CNG)**

### **Transmitted by the expert from the Russian Federation**

Note: The text reproduced below was prepared by the expert from the Russian Federation in order to introduce in the text of Regulation No. 110 some clarifications concerning identification specific components for CNG depending on operating temperatures. It is based on a document distributed without a symbol (informal document No. 9) during one-hundred-and-twenty-second session of WP.29.

Insert a new paragraph 2.1.4, to read:

"2.1.4 Operating temperatures» means maximum values of the temperature ranges, indicated in Annex 5O, at which safe and good functioning of the specific component is ensured and for which it has been designed and approved"

Paragraph 2.25, amend to read:

"2.25 Type of components" as mentioned in paragraphs 2.6 to 2.23 means components which do not differ in such essential respect as materials, working pressure and operating temperatures"

### Justification

The range of temperatures for which specific components are designed and approved is quite essential parameter. So it should type the specific components as well.

Paragraph 4.1, amend to read:

"4.1 The sample of specific component submitted for approval shall bear the trade name or mark of the manufacturer and the type, including one concerning designation regarding operating temperatures ("M" or "C" for moderate and cold temperatures as appropriate); and for flexible.....".

Paragraph 17.1.1, amend to read:

"17.1.1 The CNG system of the vehicle shall function in a good and safe manner at the working pressure and operating temperatures for which it has been designed and approved".

Annex 1A, designation of paragraph 1.2.4.5.2.11.12. substitute for 1.2.4.5.2.12.

Annex 1A, insert new paragraphs 1.2.4.5.2.13, 1.2.4.5.3.8, 1.2.4.5.4.8, 1.2.4.5.5.7, 1.2.4.5.6.5, 1.2.4.5.8.1.6, 1.2.4.5.8.2.5, 1.2.4.5.8.3.5, 1.2.4.5.8.4.5, 1.2.4.5.8.5.5, 1.2.4.5.8.6.5, 1.2.4.5.9.6, 1.2.4.5.10.6, 1.2.4.5.11.6, 1.2.4.5.12.6, 1.2.4.5.13.6, 1.2.4.5.14.6, to read:  
"Operating temperatures .....°C"

Annex 1A, paragraph 1.2.4.5.9.4., amend to read:

" Activation temperature.....°C"

Annex 1B, insert new paragraphs 1.2.4.5.2.5, 1.2.4.5.3.6, 1.2.4.5.4.6, 1.2.4.5.5.5, 1.2.4.5.6.4, 1.2.4.5.8.1.5, 1.2.4.5.8.2.5, 1.2.4.5.8.3.5, 1.2.4.5.8.4.5, 1.2.4.5.8.5.5, 1.2.4.5.8.6.5, 1.2.4.5.9.5, 1.2.4.5.10.5, 1.2.4.5.11.5, 1.2.4.5.12.5, 1.2.4.5.13.5, 1.2.4.5.14.5, to read:  
"Operating temperatures .....°C"

Annex 1B, paragraph 1.2.4.5.9.3, amend to read:

" Activation temperature.....°C"

### Justification

The term "Activation temperature" more precisely reflect temperature triggered characteristic of pressure relief device. Furthermore, the term "Operating temperatures" is suggested to designate some different notion.