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**Committee of Experts on the Transport of Dangerous Goods  
and on the Globally Harmonized System of Classification  
and Labelling of Chemicals****Sub-Committee of Experts on the Transport of Dangerous Goods****Fifty-fifth session**

Geneva, 1-5 July 2019

Item 6 (e) of the provisional agenda

**Miscellaneous proposals for amendments to the Model Regulations  
on the Transport of Dangerous Goods:  
other miscellaneous proposals****Increase of the maximum allowed internal pressure for  
aerosol dispensers****Transmitted by the European Aerosol Federation (FEA) and the  
Household and Commercial Products Association (HCPA)\*****Introduction**

1. In 2010 FEA informed the Sub-Committee that FEA made a proposal to the European Commission to adapt to technical progress the Aerosol Dispensers Directive 75/324/EEC in order to increase the maximum allowed internal pressure at 50°C to 15 bar (see informal document INF.19 (thirty-seventh session)).
2. The proposal was implemented in Commission Directive (EU) 2016/2037 as follows:  
*“The pressure at 50 °C in the aerosol dispenser must not exceed the values provided for in the following table, depending upon the content of gases in the aerosol dispenser:*

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\* In accordance with the programme of work of the Sub-Committee for 2019-2020 approved by the Committee at its ninth session (see ST/SG/AC.10/C.3/108, paragraph 141 and ST/SG/AC.10/46, paragraph 14).

<i>Content of gases</i>	<i>Pressure at 50 °C</i>
<i>Liquefied gas or mixture of gases having a flammable range with air at 20 °C and a standard pressure of 1.013 bar</i>	<i>12 bar</i>
<i>Liquefied gas or mixture of gases not having a flammable range with air at 20 °C and a standard pressure of 1.013 bar</i>	<i>13,2 bar</i>
<i>Compressed gases or gases dissolved under pressure not having a flammable range with air at 20 °C and a standard pressure of 1.013 bar</i>	<i>15 bar</i>

”.

3. Following this publication, FEA proposed to the Joint Meeting Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods (hereafter referred to as the Joint Meeting) to align the requirements in RID, ADR and ADN (see informal document INF.5 for the Spring 2018 session and ECE/TRANS/WP.15/AC.1/2018/17 for the Autumn 2018 session).

4. At its Autumn 2018 session, the Joint Meeting adopted the following amendment of the first sentence of 6.2.6.1.5 to increase the maximum allowed internal pressure for aerosol dispensers:

*“The internal pressure of aerosol dispensers at 50 °C shall exceed neither two-thirds of the test pressure nor 1.2 MPa (12 bar) when using flammable liquefied gases, 1.32 MPa (13.2 bar) when using non-flammable liquefied gases, and 1.5 MPa (15 bar) when using non-flammable compressed or dissolved gases.”*

5. The Joint Meeting additionally invited the representative of FEA to consider the need to address this matter from a multimodal perspective and invited him to submit a proposal to the Sub-Committee to allow for the same provisions to be applied worldwide.

## Proposal

6. FEA and HCPA (formerly “Consumer Specialty Products Association (CSPA)) therefore proposed to amend special provision 63, which applies to all aerosol dispensers, by adding a new sub-paragraph (h) (in bold) to read:

### Option 1 (streamlined)

“The division of Class 2 and the subsidiary hazards depend on the nature of the contents of the aerosol dispenser. The following provisions shall apply:

*[current sub-paragraphs (a) to (g) remain unchanged]*

**(h) The internal pressure of aerosol dispensers at 50 °C shall not exceed 1.5 MPa (15bar).**

Flammable components...or NFPA 30 B. *[unchanged]*”

### Option 2 (with full details)

“The division of Class 2 and the subsidiary hazards depend on the nature of the contents of the aerosol dispenser. The following provisions shall apply:

*[current sub-paragraphs (a) to (g) remain unchanged]*

**(h) The internal pressure of aerosol dispensers at 50 °C shall not exceed 1.2 MPa (12 bar) when using flammable liquefied gases, 1,32 MPa (13.2 bar) when using non-flammable liquefied gases, and 1.5 MPa (15 bar) when using non-flammable compressed or dissolved gases.**

Flammable components...or NFPA 30 B. *[unchanged]*"

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