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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-seventh session**

Geneva, 29 June-8 July 2020

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. At the fifty-sixth session in December 2019, FEA and HCPA introduced document ST/SG/AC.10/C.3/2019/55 to the Sub-Committee.
2. There was support for the proposal in general with several comments.
3. Therefore, FEA and HCPA propose the following modifications:
  - Placing the equivalent provisions in Chapter 6.2.4.
  - Maintaining the general pressure limits as a global and multimodal safety net, but without linking design provisions for which reaching a global consensus would not be achievable.
  - Including provisions addressing aerosols containing several propellants of different nature (e.g. flammable and non-flammable).

**Proposal**

4. FEA and HCPA proposes to amend Chapter 6.2.4, which applies to all aerosol dispensers, by adding a new paragraph 6.2.4.1 and some inevitable renumbering (in bold) of existing paragraphs and references to read:

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\* 2020 (A/74/6 (Sect.20) and Supplementary, Subprogramme 2).

[For readability reasons, the text which is unquoted or not in bold remains unchanged]

**“6.2.4.1 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. In case of a mixture of several gases, the stricter limit will apply.**

**6.2.4.2** Each filled aerosol dispenser or gas cartridge or fuel cell cartridge shall be subject to a test in a hot water bath in accordance with 6.2.4.2.1 or an approved waterbath alternative in accordance to 6.2.4.2.2.

6.2.4.2.1 *Hot water bath test*

6.2.4.2.1.1 The temperature...

6.2.4.2.1.2 No leakage...

6.2.4.2.2 *Alternative methods*

With the approval of the competent authority alternative methods that provide an equivalent level of safety may be used provided that the requirements of 6.2.4.2.2.1 an, as appropriate, 6.2.4.2.2.2 or 6.2.4.2.2.3 are met.

6.2.4.2.2.1 Quality system

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6.2.4.2.2.2 Aerosol dispensers

6.2.4.2.2.2.1 Pressure and leak testing...

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6.2.4.2.2.2.2 Testing of the aerosol dispensers after filling

6.2.4.2.2.3 Gas cartridges and fuel cell cartridges

6.2.4.2.2.3.1 Pressure testing...

...

6.2.4.2.2.3.2 Leak testing...

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6.2.4.2.3 With the approval of the competent authority, aerosol and receptacles, small, are not subject to 6.2.4.2.1 and 6.2.4.2.2, if...

...”

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