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**Economic Commission for Europe****Inland Transport Committee****Working Party on the Transport of Dangerous Goods****Joint Meeting of the RID Committee of Experts and the  
Working Party on the Transport of Dangerous Goods**

Geneva, 17–21 September 2018

Item 5 (b) of the provisional agenda

**Proposals for amendments to RID/ADR/ADN:  
new proposals****Increase of the maximum allowed internal pressure for  
aerosol dispensers****Transmitted by the European Aerosol Federation (FEA)\*, \*\****Summary*

- Executive summary:** The aim of this proposal is to align the RID/ADR/ADN with the new provisions of the Aerosol Dispensers Directive 75/234/EEC related to the maximum allowed internal pressure.
- Action to be taken:** Amend the text in 6.2.6.1.5 to increase the maximum allowed internal pressure at 50 °C from 1.32 MPa (13.2 bar) to 1.5 MPa (15 bar).
- Reference documents:** (a) INF.19 (37<sup>th</sup> session of the Sub-Committee of Experts on the Transport of Dangerous Goods) - (FEA) Aerosols (UN 1950) – Maximum internal pressure at 50°C  
(b) Commission Directive (EU) 2016/2037 of 21 November 2016 amending Council Directive 75/324/EEC  
(c) INF.5 (Joint meeting, Spring 2018 session) (FEA) Increase of the maximum allowed internal pressure for aerosol dispensers

\* In accordance with the programme of work of the Inland Transport Committee for 2018-2019, (ECE/TRANS/2018/21/Add.1, Cluster 9, (9.2)).

\*\* Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2018/17.

## Introduction

1. At the spring 2018 session FEA presented informal document INF.5 proposing to align the provisions of RID/ADR/ADN with recent changes to Directive 75/234/EC pertaining to aerosol dispensers. Most of the delegations who took the floor favoured option 2 in informal document INF.5, as it would allow increased harmonization of provisions applicable to aerosol dispensers. The Joint Meeting invited FEA to submit an official document for the autumn session.
2. The Joint Meeting also invited FEA to consider whether there was a need to allow for the same provisions to be applied worldwide. Currently there is no provision related to a maximum allowed internal pressure for aerosol dispensers in the UN Model Regulations and legal provisions worldwide are still too different to allow harmonisation.

## Proposal

3. FEA therefore proposes to amend the first sentence of 6.2.6.1.5 to read:  
“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.**”

## Justification

- Safety: Alignment with the Aerosol Dispensers Directive 75/324/EEC will facilitate compliance and so enhance transport safety.
- Feasibility: These provisions already apply to aerosol dispensers under the Aerosol Dispensers Directive 75/324/EEC.
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