

# **Economic and Social Council**

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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, 15-25 September 2015
Item 3 (b) of the provisional agenda
Proposals for amendments to RID/ADR/ADN:
new proposals

#### **Amendment to 6.2.6.1.5**

## Transmitted by the European Cylinder Makers Association (ECMA)<sup>1, 2</sup>

Summary

**Executive summary**: The aim of this proposal is to limit the product of pressure and

volume of gas filled small receptacles (gas cartridges) so that it

is consistent with values already set in RID/ADR.

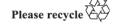
Action to be taken: Amend the text in 6.2.6.1.5 of RID/ADR

Reference documents: EN 12205:2001 and ISO 11118:1999

### Introduction

1. The amendments to section 6.2.6 of RID/ADR 2013 resulted in the removal of the pressure limit of 1.32 MPa (13.2 bar) from all gas cartridges and no amended limit was put in place in RID/ADR 2015.

<sup>&</sup>lt;sup>2</sup> Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2015/50.



<sup>&</sup>lt;sup>1</sup> In accordance with the programme of work of the Inland Transport Committee for 2014–2015 (ECE/TRANS/240, para. 100, ECE/TRANS/2014/23, cluster 9, para.9.2).

### **Issue**

2. The present regulations would permit gas cartridges up to one litre filled with gases of categories A and O to be considered as limited quantities with no maximum pressure limited by the regulations. This is inconsistent with the requirements of all other pressure receptacles in the RID/ADR.

## **Proposal**

3. In 6.2.6.1.5, after " ....... shall meet the test pressure and filling requirements of P200 of 4.1.4.1." add "In addition, the product of maximum permissible test pressure and water capacity shall not exceed 175 bar.litres and the test pressure does not exceed 250 bar for liquefied gases or 450 bar for compressed gases.".

## **Justification**

4. The amendment set out in the proposal will ensure that gas cartridges also meet relevant requirements that are placed on other non-refillable pressure receptacles.