

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

12 September 2024

Joint Meeting of the RID Committee of Experts and the
Working Party on the Transport of Dangerous Goods

Geneva, 10–13 September 2024

Item 5 (b) of the provisional agenda:

Proposals for amendments to RID/ADR/ADN:

New proposals

Pressure receptacles that are constructed in accordance with EN 17339:2020 Transportable gas cylinders – Fully wrapped carbon composite cylinders and tubes for hydrogen

Transmitted by the European Cylinder Makers Association (ECMA)

I. Introduction

1. ECMA submitted ECE/TRANS/WP.15.AC.1/2024/36 and following discussions in plenary the representative of ECMA met with the experts from Germany and have developed a revised proposal to informal document 28.

II. Proposal

2. The following new special provision is proposed:

"xxx Pressure receptacles approved in conformity with EN 17339 intended for the carriage of UN 1049, HYDROGEN, COMPRESSED may be carried with UN 1066 NITROGEN, COMPRESSED for the purpose of assembly, periodic inspection, maintenance or disposal with an internal pressure that supports the pressure receptacle liner. The pressure shall be not more than the lower value of either 10% of the working pressure or 20 bar.

Battery-wagons/battery-vehicles and multiple-element gas containers intended for the carriage of UN 1049 HYDROGEN, COMPRESSED containing pressure receptacles approved in conformity with EN 17339 may be transported with UN 1066 NITROGEN, COMPRESSED for the purpose of first filling, periodic inspection, maintenance or disposal with an internal pressure that supports the liner of the pressure receptacles. The pressure shall be not more than the lower value of either 10% of the working pressure or 20 bar. "

All other requirements of RID/ADR shall be met."

The transport document shall include the following statement:

"Carriage in accordance with special provision xxx."

3. In Chapter 3.2, Table A for UN No1066, insert "xxx" in column (6).
-