



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**

Berne, 20-24 March 2023

Item 5 (b) of the provisional agenda

**Proposals for amendments to RID/ADR/ADN
new proposals****Amendment of packing instruction P 200 in 4.1.4.1:
Prohibition of pressure relief devices for non-UN acetylene
cylinders****Transmitted by the Government of Germany*,*****Summary*

Explanatory summary:	Amendment of packing instruction P 200 to harmonise the rules on the prohibition of pressure relief devices for non-UN acetylene cylinders in RID/ADR
Decision to be taken:	Amendment of packing instruction P 200.
Related documents:	ECE/TRANS/WP.15/AC.1/2021/20 Informal document INF.8 from the Joint Meeting in March 2021

Introduction

1. At its session in spring 2021, the Joint Meeting agreed with a proposal from Germany to amend RID/ADR 6.2.3.1.5 to clarify that neither fusible plugs nor pressure relief devices may be used for non-UN acetylene cylinders.
2. When checking the amendments to RID/ADR for entry into force on 1 January 2023, it was noticed that a consequential amendment that was required in packing instruction P 200 in 4.1.4.1 had not been taken into account; special packing provision p in paragraph (10) of

* A/77/6 (Sect. 20), table 20.6

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packing instruction P 200 sets out a rule for the carriage of non-UN acetylene cylinders fitted with pressure relief devices.

3. In view of the amendment to RID/ADR 6.2.3.1.5, the proposal below aims to adapt packing instruction P 200 as a necessary consequential amendment, to make clear in the context of packing instruction P 200 as well, that no pressure relief devices may be used for non-UN acetylene cylinders.

Proposal

4. In 4.1.4.1, packing instruction P 200, amend special packing provision p to read as follows (deleted text is marked in strike-through):

“For UN No. 1001 acetylene, dissolved, and UN No. 3374 acetylene, solvent free: cylinders shall be filled with a homogeneous monolithic porous material; the working pressure and the quantity of acetylene shall not exceed the values prescribed in the approval or in ISO 3807-1:2000, ISO 3807-2:2000 or ISO 3807:2013, as applicable.

For UN No. 1001 acetylene, dissolved: cylinders shall contain a quantity of acetone or suitable solvent as specified in the approval (see ISO 3807-1:2000, ISO 3807-2:2000 or ISO 3807:2013, as applicable); cylinders ~~fitted with pressure relief devices~~ ~~or~~ manifolded together shall be carried vertically.

Alternatively, for UN No. 1001 acetylene, dissolved: cylinders which are not UN pressure receptacles may be filled with a non monolithic porous material; the working pressure, the quantity of acetylene and the quantity of solvent shall not exceed the values prescribed in the approval. The maximum test period for periodic inspection of the cylinders shall not exceed five years.

A test pressure of 52 bar shall be applied only to cylinders fitted with a fusible plug.”

Justification

5. The amendment to packing instruction P 200 proposed above harmonises the provisions prohibiting the fitting of pressure relief devices to non-UN acetylene cylinders in RID/ADR and increases the level of safety in the carriage of these cylinders.
