

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

13 February 2023

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

Bern, 20-24 March 2023

Item 3 of the provisional agenda

Standards

Report of the Working Group on Standards

1. The Working Group on Standards held a virtual meeting on 30 January 2023 when it reviewed the standards listed in document ECE/TRANS/WP.15/AC.1/2023/12.

2. Results

2.1 The proposals in part 3 below are made based on informal document INF.13.

2.2 One new standard and two replacement standards are proposed for referencing. Standards not yet published show their dates in square brackets.

2.3 An assessment was carried out of prEN ISO 21011, *Cryogenic vessels – Valves for cryogenic service*, and it was originally intended to propose this for reference in RID/ADR at the Spring 2023 session. After the meeting of the Working Group on Standards, it was decided to hold the proposal to reference the standard in RID/ADR until the Autumn 2023 session of the Joint Meeting. The reason for this is that it was only appreciated after the standards working group meeting that prEN ISO 21011 will replace EN 1626:2008 *Cryogenic vessels – Valves for cryogenic service*. Further work is required to ensure all areas where EN 1626 are referenced in RID/ADR are addressed before proposing for referencing.

2.4 Two general purpose standards were notified this session, both these standards refer to explosive atmospheres and are referenced in Part 9 of ADR.

Proposals

3. Proposed additions to the list of standards for reference in RID/ADR 2025

3.1 Draft amendment relating to standard EN ISO 9809-4:2022

6.2.4.1 Amend the table “*Design, Construction and initial inspection and test*” as follows:

After the row for “EN ISO 9809-3:2019”, insert the following new row:

EN ISO 9809-4:2022	Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 4: Stainless steel cylinders with an Rm value of less than 100 MPa <i>NOTE: Small quantities are a batch of cylinders not exceeding 200</i>	6.2.3.1 and 6.2.3.4	Until further notice	
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3.2 Draft amendment relating to standard EN 13110:2022

6.2.4.1 Amend the table “*for design and construction of pressure receptacles or pressure receptacles shells*” as follows:

For EN 13110:2012 in column (4) replace “Until further notice” by “Between 1 January 2013 and 31 December 2026”. After the row for “EN 13110:2012” insert the following new row:

EN 13110:2022	LPG equipment and accessories - Transportable refillable welded aluminium cylinders for liquefied petroleum gas (LPG) - Design and construction.	6.2.3.1 and 6.2.3.4	Until further notice	
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3.3 Draft amendment relating to standard EN 14129:[2023]

6.2.4.1 Amend the table “for design and construction of pressure receptacles or pressure receptacles shells” as follows:

For EN 14129:2014 in column (4) replace “Until further notice” by “Between 1 January 2021 and 31 December 2026”. After the row for “EN 14129:2014” insert the following new row:

EN 14129:[2023]	LPG Equipment and accessories - Pressure relief valves for LPG pressure vessels. <i>NOTE: This standard is applicable to pressure drums</i>	6.2.3.1, 6.2.3.3 and 6.2.3.4	Until further notice	
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6.8.2.6.1 Amend the table “For design and construction of tanks” as follows:

For EN 14129:2014 in column (4) replace “Until further notice” by “Between 1 January 2015 and 31 December 2026”. After the row for “EN 14129:2014” insert the following new row:

EN 14129:[2023]	LPG Equipment and accessories - Pressure relief valves for LPG pressure vessels.	6.8.2.1.1, 6.8.2.2.1 and 6.8.3.2.9	Until further notice	
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4. General purpose standards

There are two general purpose standards that are referenced in Part 9 of ADR that are under revision. These are:

- prIEC 60079-2 ‘Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"’
- Fpr IEC 60079-11 ‘Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"’

Both these standards are undated.

5. Information regarding standards referenced in RID

It has been identified that some standards referenced in RID have been withdrawn and replaced by new published versions. CEN will communicate a first list of these standards to the secretariats of the Joint Meeting and operate a closer monitoring.