

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

24 September 2019

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

Geneva, 17–27 September 2019

Item 3 of the provisional agenda

Standards

Report of the Standards Working Group (29th meeting)

1. Reference is made to document ECE/TRANS/WP.15/AC.1/2019/46, which informs about the progress made in the establishment of new and the revision of published EN and EN ISO standards referenced or intended to be referenced in the RID/ADR/ADN.

2. A teleconference took place on the 2nd September to review the comments made by Contracting Parties/States. Comments were compiled by CCMC (see INF.32).

3. Results

3.1 The agreed comments of the discussion on the coherence of the standards at enquiry and formal vote stage with relevant provisions of RID/ADR/ADN are summarized in **INF.32** but there were no comments. Consequently, there were no standards refused during this session on the grounds of non-conformity with the RID/ADR.

3.2 The proposal of INF. 41 from CEN on the transition for newly introduced standards was discussed and supported by the Standards WG. For clarification, this transition period should apply to standards for construction and for periodic inspection.

3.3 At its previous sessions in preparation for the Joint Meeting of March 2019, comments concerning non-conformity with the RID/ADR had been made following review of prEN 17339 *Transportable gas cylinders – Fully wrapped carbon composite cylinders and tubes for hydrogen use*. CEN/TC 23 provided a series of explanations on how they proposed to address these comments. The STD WG welcomed these changes and encouraged CEN/TC 23 to submit the FV version.

3.4 No new general purpose standard was identified since the spring session of the Joint Meeting.

4. Proposed amendments to the list of standards for reference in RID/ADR 2021

4.1. Draft amendments relating to standard EN ISO 9809-1 (New text in bold)

6.2.4.1 Amend the Table, under “Design, construction and initial inspection and test”, as follows:

- For standard "EN ISO 9809-1:2010" in column (4), replace "Until further notice" with "31 December 2022".
- After the standard "EN ISO 9809-1:2010", insert the following row:

EN 9809-1:2019	Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 1: Quenched and tempered steel cylinders and tubes with tensile strength less than 1100 MPa	6.2.3.1 and 6.2.3.4	Until further notice	
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4.2. Draft amendments relating to standard EN ISO 9809-2 (New text in bold)

6.2.4.1 Amend the Table, under “Design, construction and initial inspection and test”, as follows:

- For standard "EN ISO 9809-2:2010" in column (4), replace "Until further notice" by "31 December 2022".
- After the standard "EN ISO 9809-2:2010", insert the following row:

EN 9809-2:2019	Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 2: Quenched and tempered steel cylinders and tubes with tensile strength greater than or equal to 1100 MPa	6.2.3.1 and 6.2.3.4	Until further notice	
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4.3. Draft amendments relating to standard EN ISO 9809-3 (New text in bold)

6.2.4.1 Amend the Table, under “Design, construction and initial inspection and test”, as follows:

- For standard "EN ISO 9809-3:2010" in column (4), replace "Until further notice" with "31 December 2022".
- After the standard "EN ISO 9809-3", insert the following row:

EN 9809-3:2019	Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 3: Normalized steel cylinders and tubes	6.2.3.1 and 6.2.3.4	Until further notice	
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4.4. Draft amendments relating to standard EN ISO 10462:2013 (New text in bold)

6.2.4.2 Amend the Table, under “Periodic inspection and test”, as follows:

- For standard "EN ISO 10462:2013" in column (3), replace "Until further notice" with "31 December 2022".
- After the standard "EN ISO 10462:2013", insert the following row:

EN ISO 10462:2013+A1:2019	Gas cylinders - Acetylene cylinders - Periodic inspection and maintenance - Amendment 1 (ISO 10462:2013 + A1:2019)	Mandatorily from 1 January 2023
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4.5. Draft amendments relating to standard EN ISO 10460 (New text in bold)

6.2.4.2 Amend the Table, under “Periodic inspection and test”, as follows:

- For standard "EN 1803:2002 (except Annex B)" in column (3), replace "Until further notice" with "31 December 2022".
- After the standard "EN 1803:2002", insert the following row:

EN ISO 10460:2018	Gas cylinders - Welded aluminium-alloy, carbon and stainless steel gas cylinders - Periodic inspection and testing	Mandatorily from 1 January 2023
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5. Amendment to 4.1.6.15

The Working Group on Standards proposes to reference the EN ISO version wherever such a version exists. This eliminates the need for the Note “**NOTE:** *The EN version of this ISO standard fulfils the requirements and may also be used.*” The table below presents the Working Group’s recommendations for the draft amendments shown in square brackets in

document - 2019/22/Add.1. Essentially, with the exception of restricting the reference to Annex A of EN ISO 17878:2017, the proposed amendments are not accepted.

Amend the Table, as follows: new text shown bold, deletion shown by strikethrough, unchanged rows omitted.

4.1.6.2	EN ISO 11114-2:2013	Gas cylinders – Compatibility of cylinder and valve materials with gas contents –part 2: Non-metallic materials
4.1.6.4	either ISO 11621:1997 or EN ISO 11621:2005	Gas cylinders – procedures for changes of gas service
4.1.6.8 Valves with inherent protection	Annex A of EN ISO 10297:2006 or annex A of EN ISO 10297:2014+A1:2017	Gas cylinder – refillable gas cylinder valves – Specification and type testing NOTE: The EN version of this ISO standard fulfils the requirements and may also be used
	Annex A of EN ISO 17879:2017	Gas cylinders – self closing cylinder valves – specification and type testing
4.1.6.8 (b) and (c)	either ISO 11117:1998 or EN ISO 11117:2008 + Cor 1:2009	Gas cylinders – Valve protection caps and valve guards for industrial and medical gas cylinders – design construction and test

6. Correction to P200

In P200 (13) 2.4 the second sentence makes reference to “EN ISO 11114-1:2012 and EN 11114-2:2013”. There is no standard EN 11114-2 and this quoted text should read “EN ISO 11114-1:2012 and EN **ISO** 11114-2:2013”