
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

15 March 2017

Bern, 13-16 March 2017

Item 3 of the provisional agenda

Standards

Report of the Standards Working Group (26th meeting)

1. Reference is made to document ECE/TRANS/WP.15/AC.1/2017/12, 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 series of teleconferences took place on the 1st and 2nd of February to review the comments made by Member States and by the CEN Consultant. Comments from MS were compiled by CCMC (see INF.18). Unresolved issues were discussed within the Joint Meeting Working Group Standard (13 – 16 March 2017).

3. One other paper assigned to the standard working group was:

ECE/TRANS/WP.15/AC.1/2017/ INF. 28 (Germany).

There was also a verbal request from Finland to review the status of EN 12755:2000 since ISO 13088:2011 with the same subject matter also appears in the table P200 (11).

4. Results

4.1 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.18** which will also be provided to the relevant Technical Committees of CEN for consideration.

4.2 a) ECE/TRANS/WP.15/AC.1/2017/INF.28 (Germany)

EN 1626:1999 ‘Cryogenic vessels - Valves for cryogenic service’. Fortunately the Standards Working Group included an expert involved in the development of EN 1626 who was able to comment on the suitability of this standard for LNG. Accordingly the following proposal is made.

In the following proposals, new text is shown in **Bold**.

Proposal 1

In the table in 6.2.4.1 amend the Note appearing under the reference to EN 1251-2:2000 as follows:

Reference	Title of document	Applicable sub-sections and paragraphs	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
EN 1251-2:2000	Cryogenic vessels - Transportable vacuum insulated vessels of not more than 1000 litres volume - Part 2: Design, fabrication, inspection and testing NOTE: Standards EN 1252-1:1998 and EN 1626 referenced in this standard is are also applicable to closed cryogenic receptacles for the carriage of UN No. 1972 (METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRGERATED LIQUID).	6.2.3.1 and 6.2.3.4	Until further notice	

In the table in 6.8.2.6.1 amend the Note appearing under the reference to EN 13530-2:2002 as follows:

Reference	Title of document	Applicable sub-sections and paragraphs	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
EN 13530-2:2002 + A1:2004	Cryogenic vessels - Large transportable vacuum insulated vessels - Part 2: Design, fabrication, inspection and testing Note: Standards EN 1252-1:1998 and EN 1626 referenced in this standard is are also applicable to tanks for the carriage of UN No 1972 (METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID)	6.8.2.1 (with the exception of 6.8.2.1.17), 6.8.2.4, 6.8.3.1 and 6.8.3.4	Until further notice	

In the table under 6.2.4.1

Reference	Title of document	Applicable sub-sections and paragraphs	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
EN 1626:2008 (except valve category B)	Cryogenic vessels – Valves for cryogenic service Note: this standard is also applicable to valves for the carriage of UN No 1972 (METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID)	6.2.3.1 and 6.2.3.4	Until further notice	

In the table under 6.8.2.6.1

Reference	Title of document	Applicable sub-sections and paragraphs	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
EN 1626:2008 (except valve category B)	Cryogenic vessels – Valves for cryogenic service <i>Note: this standard is also applicable to valves for the carriage of UN No 1972 (METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID)</i>	6.8.2.4 and 6.8.3.4	Until further notice	

b) EN ISO 2719:2016 – General purpose standard

As the reference of the general purpose standard is not dated, the recent publication of EN ISO 2719:2016 ‘Determination of flash point - Pensky-Martens closed cup method’ is not affecting the RID/ADR. This standard is referenced in 2.3.3.1.1 and 2.3.3.1.2 which is under the responsibility of the UNSCE-TDG.

Proposal 2 For ADR/RID in 4.1.6.15:

Applicable paragraphs	Reference	Title of document
4.1.6.2	EN ISO 11114-1:2012 + A1:2017	Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials - Amendment 1

Proposal 3 For ADR/RID in 6.2.4.1:

Reference	Title of document	Applicable sub-sections and paragraphs	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
(1)	(2)	(3)	(4)	(5)
For closure				
EN ISO 10297:2014	Gas cylinders - Cylinder valves - Specification and type testing	6.2.3.1 and 6.2.3.3	Between 1 January 2015 and 31 December 2020	
EN ISO 10297:2014+ A1 [2017]	Gas cylinders - Cylinder valves - Specification and type testing	6.2.3.1 and 6.2.3.3	Until further notice	

For ADR/RID in 4.1.6.15

Applicable paragraphs	Reference	Title of document
4.1.6.8 Valves with inherent protection	Annex A of EN ISO 10297:2006 or Annex A of EN ISO 10297:2014 or Annex A of ISO 10297:2014 + A1 [2017]	Gas cylinders - Cylinder valves - Specification and type testing

The Working Group on Standards is of the opinion that this amendment is important and corrects errors in the 2014 edition. It therefore requests the competent authorities to recognise this amendment in accordance with the procedure in 6.2.5 of RID/ADR. Publication is expected in April 2017.

Proposal 4 – In 4.1.4 P 200 (11) table

Replace EN 1439:2008 by EN 1439: [2017, remove the exclusions and add a new line in the table for EN 13952 as shown below:

Applicable requirements	Reference	Title of document
(7) and (10) ta b	EN 1439: [2017]	LPG equipment and accessories - Procedure for checking transportable refillable LPG cylinders before, during and after filling
(7) and (10) ta b	EN 13952:[2017]	LPG equipment and accessories - Filling operations for LPG cylinders

Add EN 13952 after EN 1439 in P200 (12) in § 2.1.

Proposal 5 – In 4.1.4 P 200 (11) last line of the table

Remove the reference to EN 12755:2000.

5. General remarks

5.1 Standards for which a reference was refused or deferred:

It was decided not to refer to the standard:

EN 13807:2017 ‘Transportable gas cylinders - Battery vehicles and multiple-element gas containers (MEGCs) - Design, manufacture, identification and testing’

The standard included technical errors and divergences from the RID/ADR so a reference was refused. The relevant working group will be asked to launch a short amendment correcting these errors in the expectation that the amended standard will be available for referencing in time for the 2019 edition of the RID/ADR.

The following standard is not recommended for reference as it is a supporting standard, i.e. it is not directly supporting requirements of RID/ADR and is a normative reference in: EN ISO 9809-1 and EN ISO 11120:

FprEN ISO 11114-4_2016 'Transportable gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 4: Test methods for selecting steels resistant to hydrogen embrittlement'
