
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

26 September 2017

Geneva, 18-29 September 2017

Item 3 of the agenda

Standards

Report of the Standards Working Group

(27th meeting)

1. Reference is made to document ECE/TRANS/WP.15/AC.1/2017/32, 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 26th June and 6th September to review the comments made by Member States and by the NAC Consultant. Comments from MS were compiled by CCMC (see INF.37). In addition to the standards listed in INF.37, following a suggestion made by France a proposal was considered to forbid the use of EN 12245 for the transport of LPG. Unresolved issues were discussed within the Joint Meeting Working Group on Standards (25th and 26th September 2017).
3. Other papers assigned to the standard working group were:
 - INF 34 Übergangsvorschrift für erstmalig in Abschnitt 6.2.4 referenzierte Normen (Germany)
 - INF 35 Tanks: Testing pressure relief valves on LPG road tankers at intermediate inspections (United Kingdom – studied also in TK WG see INF 46 item 25-27)

The working group was also asked to examine whether the change in the CEN rules for standards development necessitated adaptation of the procedures for cooperation agreed between CEN/CENELEC and the Joint Meeting.

4. Results

- 4.1 The agreed comments of the discussion on the coherence of the standards at enquiry and formal vote stage and one published standard with relevant provisions of RID/ADR/ADN were summarized in **INF.37 rev 1**. No major changes were introduced.
- 4.2 The discussion of INF.34 showed that there was support for introducing a two year transition period for construction standards which had a scope not previously covered in Part 6 of RID/ADR. This transition already exists when an existing version of a standard is replaced by a revised version. Providing a similar transition for totally new standards would allow an orderly transfer to the new standard from any existing arrangements such as a national technical code. It is therefore proposed that any such new reference will be shown in Column 4 headed “Applicable for new type approvals or for renewals” as being mandatory only at the ending of the biennium; that is, in the 2019 editions of RID/ADR the words “Mandatorily from 1 January 2021” will appear. If this approach is supported by the Joint Meeting, the chair of the Working Group on Standards will propose to the next session consequential changes for standards previously adopted for this biennium.

4.3 The working group on standards noted the difference in approach to periodic inspection of safety valves between EN 12972:2007 and EN 14334:2014. The standards writers had taken different technical decision as to what constituted a “check of the satisfactory operation” required by the regulation. The standards working group could not state that either approach was incorrect. It is expected that the work being undertaken by the United Kingdom described in INF.35 will provide evidence for future discussions in the relevant CEN working groups and the Joint Meeting working group on tanks.

4.4 The Chair and Secretary of the working group believe that by maintaining awareness of the changed CEN procedures they are responding appropriately. The following proposals include standards at the enquiry stage where we believe there is a strong possibility of the Formal Vote stage being omitted. Nevertheless, the formal agreements between CEN/CENELEC and the Joint Meeting will be reviewed in CEN and proposals for adapting the agreements will be brought to the next meeting as necessary.

4.5 The Joint Meeting Working Group on Standards supported the proposal as given in INF 37 (CEN) to limit the scope of the use of EN 12245.

The Working Group discussed the accidents with LPG cylinders constructed according to EN 12245:2002 reported by Denmark to EC. Taking into account the reference to the LPG standard EN 14427:2014 the Working Group proposed to recommend that both versions of EN 12245 referenced in RIDADR shall be accompanied by a Note forbidding the use of this standard for LPG cylinders. However in order to evaluate the impact of this proposal, a decision was deferred until the next meeting.

4.6 Proposals

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

Proposal 1

In RID/ADR, 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)
<i>for closures</i>				
EN ISO 17871:2015	Gas cylinders - Quick-release cylinder valves - Specification and type testing - Amendment 1: Gas cylinders - Quick-release cylinder valves - Specification and type testing	6.2.3.1, 6.2.3.3 and 6.2.3.4	Between 1 January 2017 and 31 December 2020	
EN ISO 17871:2015 + A1 [2018]	Gas cylinders - Quick-release cylinder valves - Specification and type testing - Amendment 1: Gas cylinders - Quick-release cylinder valves - Specification and type testing	6.2.3.1 , 6.2.3.3 and 6.2.3.4	Until further notice	

Proposal 2

In RID/ADR, 6.8.3.6:

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)
EN 13807:2003	Transportable gas cylinders - Battery vehicles - Design, manufacture, identification and testing <i>Note: Where appropriate this standard may also be applied to MEGCs which consist of pressure receptacles</i>	6.8.3.1.4 and 6.8.3.1.5, 6.8.3.2.18 to 6.8.3.2.26, 6.8.3.4.12 to 6.8.3.4.14 and 6.8.3.5.10 to 6.8.3.5.13	Between 1 January 2005 and 31 December 2020	
EN 13807:2017	Transportable gas cylinders - Battery vehicles and multiple-element gas containers (MEGCs) - Design, manufacture, identification and testing	6.8.3.1.4 and 6.8.3.1.5, 6.8.3.2.18 to 6.8.3.2.28, 6.8.3.4.12 to 6.8.3.4.14 and 6.8.3.5.10 to 6.8.3.5.13	Until further notice	

Proposal 3

In RID/ADR,

P200 (10) va add “**or EN ISO 15996:2017**” after “EN ISO 15996:2005 + A1:2007” twice.

Proposal 4

a) In RID/ADR, 4.1.6.15

Applicable Paragraphs	Reference	Title of Document
4.1.6.8 Valves with inherent protection	EN ISO 17879:2017	Gas cylinders - Self-closing cylinder valves - Specification and type testing

b) In RID/ADR, 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)
<i>for closures</i>				
EN ISO 17879:2017	Gas cylinders - Self-closing cylinder valves - Specification and type testing	6.2.3.1 and 6.2.3.4	Until further notice	

Proposal 5

In RID/ADR, 6.8.2.6:

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)
<i>for equipment</i>				
EN 13317:2002 + A1:2006	Tanks for transport of dangerous goods - Service equipment for tanks - Manhole cover assembly	6.8.2.2 and 6.8.2.4.1	Between 1 January 2009 and 31 December 2020	
EN 13317 [2018]	Tanks for transport of dangerous goods - Service equipment for tanks - Manhole cover assembly	6.8.2.2 and 6.8.2.4.1	Until further notice	

Proposal 6

In 6.2.4.2 of RID/ADR, insert or remove:

Reference	Title of document	Applicable
EN ISO 11623:2002 (except clause 4)	Transportable gas cylinders – Periodic inspection and testing of composite gas cylinders	Until 31 December 2018
EN 14912:2005	LPG equipment and accessories – Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders	Until 31 December 2018
EN 1440:2008:2008 + A1:2012 (except Annexes G and H)	LPG equipment and accessories – Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders – Periodic inspection	Until 31 December 2018
EN 1440:2016 (except Annex C)	LPG equipment and accessories - Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders - Periodic inspection	Until further notice Until 31 December 2020
EN 1440 :2016 +A1 [2018] (except Annex C)	LPG equipment and accessories -- Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders -- Periodic inspection	Mandatorily from 1st January 2021
EN 16728:2016 (except clause 3.5, Annex F and Annex G)	LPG equipment and accessories – Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders – Periodic inspection	Until further notice Until 31 December 2020
EN 16728:2016 +A1 [2018] (except clause 3.5, Annex F and Annex G)	LPG equipment and accessories - Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders - Periodic inspection	Mandatorily from 1st January 2021

5. General remarks

5.1 Standards for which a reference was refused:

There were no standards refused during this session on the grounds of non-conformity with the RID/ADR.

The following standard is not recommended for reference as it does not apply to any RID/ADR requirements.

prEN ISO 21012: 2017 “Cryogenic vessels – Hoses”

Also, because of the differing practices and the reasons noted in paragraphs 25 to 27 of the report of the Joint Meeting working group on tanks (INF.46) it was agreed not to propose a reference to the following standard:

prEN 14596: 2017 “Tanks for transport of dangerous goods - Service equipment for tanks - Emergency pressure relief valve”
