
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

25 March 2015

Bern, 23-27 March 2015

Item 3 of the provisional agenda

Standards

Report of the Standards Working Group

(23rd meeting)

1. Reference is made to document ECE/TRANS/WP.15/AC.1/2015/14, 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. An additional assessment by the CEN Consultant was made available on the dedicated CEN webpage after the publication of ECE/TRANS/WP.15/AC.1/2015/14.
2. In absence of budget line for CEN Consultant no telecon could be organized by CCMC early 2015. Comments from MS were compiled by CCMC (see INF.28). Unresolved issues were discussed within the Joint Meeting Working Group Standard (23 – 25 March 2015).
3. Other papers assigned to the standard working group were:
 - a) ECE/TRANS/WP.15/AC.1/2015/15 (UK) + INF.36 (UK)
 - b) ECE/TRANS/WP.15/AC.1/2015/17 (CEN) + INF.40 (UK)
 - c) INF. 27 (Secretariat).

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 are summarized in **INF.49** which will also be provided to the relevant Technical Committees of CEN for consideration.

4.2 a) ECE/TRANS/WP.15/AC.1/2015/15 (UK) + INF.36 (UK)

The Standard WG did not discuss these documents because it did not have the expertise and time to resolve all the issues raised. It will review these documents at its next meeting when it expects to have received a response from the experts of CEN/TC 296 WG 5.

Also to reduce the length of INF.49, the UK comments on FprEN 12972:2014 were removed and a cross reference to INF.36 was introduced.

4.3 b) ECE/TRANS/WP.15/AC.1/2015/17 (CEN) + INF.40 (UK)

The Standard WG thanks CEN and UK for bringing these issues to the meeting. It supports the request from the UK to clarify and confirm the objectives of the standards review process.

The WG also has considered the text changes proposed in INF.40 and **recommends that these texts are adopted at this meeting.**

The WG also considers that the texts concerning technical codes in 6.2.5 and 6.8.2.7 should be reviewed to ensure that they are consistent with the requirements for type approval and the

use of compulsory standards. The requirements for technical codes to cover periodic inspections could also be questioned.

4.4 c) INF.27 – Standard EN 12493 +A1:2014

This paper request the Standard WG to recommend an entry for ADR 2017, but it is also necessary to correct the current situation caused by the late publication of A1 of EN 12493.

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

Proposal 1

For ADR only in 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
(1)	(2)	(3)	(4)	(5)
EN 12493:2013 (except Annex C)	LPG equipment and accessories – Welded steel tanks for liquefied petroleum gas (LPG) – Road tankers – Design and manufacture <i>Note: Road tanker is to be understood in the meaning of ‘fixed tanks’ and ‘demountable tanks’ as per ADR.</i>	6.8.2.1, 6.8.2.5, 6.8.3.1, 6.8.3.5, 6.8.5.1 to 6.8.5.3	1 January 2015 until 31 December 2017	31 December 2018
EN 12493:2013 + A1:2014 (except Annex C)	LPG equipment and accessories – Welded steel tanks for liquefied petroleum gas (LPG) – Road tankers – Design and manufacture <i>Note: Road tanker is to be understood in the meaning of ‘fixed tanks’ and ‘demountable tanks’ as per ADR.</i>	6.8.2.1, 6.8.2.5, 6.8.3.1, 6.8.3.5, 6.8.5.1 to 6.8.5.3	Until further notice	

In 6.8.4 TT11, replace EN 12493:2013 with **EN 12493:2013 + A1:2014**

Proposal 2

The Standard WG requests the Joint Meeting to record in its report that the competent authorities should recognize that the use of EN 12493:2013 + A1:2014 (except Annex C) for the construction of LPG tanks for 2015 and 2016 in accordance with 6.8.2.7.

4.5 Proposed new and amended references to standards

As a consequence of the discussion of standards at formal vote stage the following new or amended references to standards in the text of RID/ADR 2017 are proposed as follows:

Part 6, Chapter 6.2

Proposal 3

In RID/ADR, 6.2.4.1 add, in the Table, under “Closures” the following new references:

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 ISO 17871:[2015]	Gas cylinders - Quick opening valves - Specification and type testing (ISO 17871:2015)	6.2.3.1, 6.2.3.3 and 6.2.3.4	Until further notice	
EN 13953:2015	LPG equipment and accessories - Pressure relief valves for transportable refillable cylinders for Liquefied Petroleum Gas (LPG) <i>Note: the final sentence of the scope shall not apply.</i>	6.2.3.1, 6.2.3.3 and 6.2.3.4	Until further notice	

The sentence excluded from the scope of EN 13953:2015 allows the use of other designs other than those specified in the standard. This is not compatible with a standard which is applied mandatorily.

Proposal 4

In RID/ADR, 6.2.4.2, add the new text shown in bold in the Table:

Reference	Title of document	Applicable
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 14912:2015	LPG equipment and accessories - Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders	Mandatorily from 1 January 2019

Proposal 5

Insert the following in 6.2.6.4 as a third indent:

‘- for UN No. 2037 small receptacles containing gas (gas cartridges) containing non-toxic, non-flammable compressed or liquefied gases: EN 16509:2014 Transportable gas cylinders – Non-refillable, small transportable, steel cylinders of capacities up to and including 120 ml containing compressed or liquefied gases (compact cylinders) – Design, construction, filling and testing, excluding clause 9.’

Part 6, Chapter 6.8

Proposal 6

In RID/ADR, 6.8.2.6.1 add, in the Table the following new references:

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 13094:2008 + AC:2008	Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction	6.8.2.1	Between 1 January 2011 and 31 December	

			2018	
EN 13094:2014	Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction	6.8.2.1	Until further notice	
EN 12252:2005 + A1:2008	Equipment and accessories – Equipping of LPG road tankers <i>Note: Road tanker is to be understood in the meaning of ‘fixed tanks’ and ‘demountable tanks’ as per ADR</i>	6.8.3.2 (with the exception of 6.8.3.2.3) and 6.8.3.4.9	Between 1 January 2011 and 31 December 2018	
EN 12252:2014 (ADR only)	LPG Equipment and accessories – Equipping of LPG road tankers <i>Note: Road tanker is to be understood in the meaning of ‘fixed tanks’ and ‘demountable tanks’ as per ADR</i>	6.8.3.2 and 6.8.3.4.9	Until further notice	
EN 14432:2006	Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals and liquefied gases - Product discharge and air inlet valves	6.8.2.2.1	Between 1 January 2009 and 31 December 2018	
EN 14432:2014	Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals and liquefied gases - Product discharge and air inlet valves <i>Note: This standard may also be used for tanks with a maximum working pressure not exceeding 0.5 bar.</i>	6.8.2.2.1, 6.8.2.2.2 and 6.8.2.3.1	Until further notice	
EN 14433:2006	Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals and liquefied gases – Foot valves	6.8.2.2.1	Between 1 January 2009 and 31 December 2018	
EN 14433:2014	Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals and liquefied gases - Foot valves <i>Note: This standard may also be used for tanks with a maximum working pressure not exceeding 0.5 bar.</i>	6.8.2.2.1, 6.8.2.2.2 and 6.8.2.3.1	Until further notice	

Part 9 Chapter 9.2

Proposal 7

This proposal concerns EN 15207:2014 ‘Tanks for the transport of dangerous goods – Plug/socket connection and supply characteristics for service equipment in hazardous areas with 24 V nominal supply voltage’

In 9.2.2.6.3 (ADR only) replace EN 15207:2006 by **EN 15207:2014**

5. General remarks

5.1 CEN Consultant

Some of the decisions on referencing standards were made without the benefit of an assessment from the CEN Consultant. This is contrary to the agreed procedure for the Standard WG and its cooperation with CEN but decisions were taken with care and in order to reduce the backlog. The WG deplores the current situation, which makes its work very difficult and asks for a speedy resolution of the funding problems between European Commission and CEN.

The work of the CEN Consultant is essential as an independent arbiter between the standards technical committees and the requirements of the Joint Meeting. Although the experts writing standards know of the need to follow the regulation, they do not have the detailed knowledge necessary to write a document which is 100% compliant. Also the members of the Standard WG do not have the time to undertake the necessary painstaking comparison of standards and regulations which the CEN Consultant provides.

The Standard WG asks that the above text is included in the meeting report and also request the Joint Meeting to take the necessary steps to bring its concerns to the attention of the European Commission and CEN.

5.2 Standards for which a reference was refused or deferred:

- FprEN ISO 21029-2 ‘Cryogenic vessels - Transportable vacuum insulated vessels of not more than 1 000 litres volume - Part 2: Operational requirements (ISO/DIS 21029-2:2014)’

There was no assessment from the CEN Consultant but Standard WG considers that there are deficiencies and non-conformities with the ADR/RID. Also clause 15 (periodic inspection) does no more than repeat the regulation but with an error (periodicity of pressure relief valve). Thus the standard adds no value.

Also standards covering operational requirements can be in conflict with national laws and so should not be required by ADR/RID.

This standard will replace EN 1251-2:2000 already referenced in 6.2.4.2. The standard WG will review the retention of the reference to this standard when it is withdrawn from the standards catalogue.

- EN 16522:2014 ‘Tanks for transport of dangerous goods – Service equipment for tanks - Flame arresters for breather devices’: the Standard WG deferred a decision pending advice from the Tanks WG as to whether a reference is needed and whether the standard is technically correct.
