

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

22 March 2012

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

Bern, 19–23 March 2012

Item 3 of the provisional agenda

Standards

Report of the Standards Working Group (18th meeting)

1 The Standards Working Group (STD's WG) met outside the plenary sessions of the Joint Meeting under the chairmanship of Mr Karol Wieser. It was tasked by the Plenary Meeting to consider

1.1 **ECE/TRANS/WP.15/AC.1/2012/6** (CEN) Information on work in progress in CEN, Part II together with **INF. 23** with the consolidated comments submitted by Members of the Joint Meeting on standards and standard revisions in various stages of evolution to prepare decisions by the Joint Meeting on new or amended references to standards;

1.2 **ECE/TRANS/WP.15/AC.1/2012/18 (OTIF)**, paragraphs 14 – 18,

- related to P200, the new quotation to ISO 9162 (with or without year of publication) and confirmation of the publication of EN ISO 11372:2011 and
- related to 6.2.4.1, a uniform wording of the transition regulations (either "...until 31 December..." or "... before 1 January ..." and the adaptation of the table in 6.8.2.6.2 to the one in 6.2.4.2.

1.3 In addition the Working Group reconsidered

1.3.1 The status of standards which have provisionally been adopted for reference and whose publication year is put in square brackets in the amendments of RID/ADR 2013 (see **ECE/TRANS/WP.15/213**).

This relates to standards

- EN ISO 9809, Parts 1 – 3,
- EN 14638-3,
- EN ISO 7866:2011,
- EN 15888,
- EN 1440:2008+A1,
- EN 12493:2008+A1 and
- EN 13082:2008+A1.

1.3.2 The consistency of applicable subsections and paragraphs declared as applicable for standards on closures in the table of 6.2.4.1 and for tanks in the table of 6.8.2.6.1 RID/ADR.

This relates to the references to EN ISO 14245:2010 and EN ISO 15995:2010 in 6.2.4.1 with applicable subsections 6.2.3.1 and (?) 6.2.3.3 and to EN 12493:2008+A1:2012 in 6.8.2.6.1.

1.3.3 The observation that the reference to EN 50015 in 9.2.2.5.1(a) Footnote is outdated and should be replaced.

2. Results:

2.1 Documentation of discussion

The agreed results of the discussion of the following standards at enquiry and formal vote stage are compiled in **INF.41** which will also be provided to the relevant standards bodies for consideration and for the preparation of the final texts of these standards, as relevant.

The following draft standards have been discussed:

Standards at enquiry stage

- prEN 14129 LPG Equipment and accessories – Pressure relief valves for LPG tanks,
- prEN 14427 rev LPG equipment and accessories – Transportable refillable composite cylinders for LPG – Design and construction,
- prEN 14025 rev Tanks for the transport of dangerous goods – Metallic pressure tanks – Design and construction,
- prEN 14564 Tanks for transport of dangerous goods – Terminology,
- prEN 14893 LPG equipment and accessories – Transportable Liquefied Petroleum Gas (LPG) welded steel pressure drums with a capacity between 150 litres and 1 000 litres.

Standards at formal vote stage:

- FprEN 13110 LPG equipment and accessories – Transportable refillable welded aluminium cylinders for liquefied petroleum gas – Design and construction
- FprEN 12252 (2nd FV submission) LPG equipment and accessories – Equipping of LPG road tankers,
- FprEN 15202 LPG equipment and accessories – Essential operational dimensions for LPG cylinder valve outlet and associated equipment connections.
- Standards prepared for publication:
- EN ISO 22434 Transportable gas cylinders – Inspection and maintenance of cylinder valves (ISO 22434:2006).

2.2 New or amended references to standards

Under consideration of the dates scheduled for its publication the following new references are asked to be implemented in the text of RID/ADR 2013:

Proposal 1

Amend the existing reference to EN 13110:2002 in the table in 6.2.4.1 and add a new entry as indicated in bolt letters below:

<i>Reference</i>	<i>Title of document</i>	<i>Applicable sub-sections and paragraphs</i>	<i>Applicable for new type approvals or for renewals</i>	<i>Latest date for withdrawal of existing type approvals</i>
(1)	(2)	(3)	(4)	(5)
for design and construction				
EN 13110:2002	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 Until 31 December 2014	To be decided
EN 13110:[2012] except clause 9	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	

Proposal 2

Amend the existing reference to EN 14189:2003 in the table in 6.2.4.1 and add a new entry as indicated in bolt letters below:

Reference	Title of document	Application
(1)	(2)	(3)
<i>for periodic inspection and test</i>		
EN 14189:2003	Transportable gas cylinders – Inspection and maintenance of cylinder valves at time of periodic inspection of gas cylinders	Until 31 December 2014
EN ISO 22434:2012	Transportable gas cylinders – Inspection and maintenance of cylinder valves (ISO 22434:2006)	Mandatorily from 1 January 2015

2.3 Response to ECE/TRANS/WP.15/AC.1/2012/18 (OTIF), paragraphs 14 – 18

2.3.1 Reference to ISO 9162 and EN ISO 11372:2011

Recalling general principles on the quotation of standards in RID/ADR/ADN the Working group supports the addition of the year of publication.

Proposal 3

Amend the references to ISO 9162 in **ECE/TRANS/WP.15/213**, P200 (7) (b) to read:

"(b) LPG to be filled in cylinders shall be of high quality; this is deemed to be fulfilled if the LPG to be filled is in compliance with the corrosion contaminants level of ISO 9162(**1989**)."

and in P200 (12) to read "...the corrosion contaminants level of ISO 9162(**1989**)".

With respect to EN ISO 11372:2011 it is confirmed that this standard has been published in December 2011. The reference text is correct.

2.3.2 Uniform wording of the transition regulations

The Working group supports this approach and favours the “until” solution.

Proposal 4

It is proposed to use the term

Applicable for new type approvals or for renewals **Until 31 December ((Year))**, throughout the tables in 6.2.4.1, and 6.8.2.6.1.

With respect to the Swiss approach to amend the heading of the last column of the table in 6.8.2.6.2 the same as is has been agreed for the table in 6.2.4.2 the Working group is aware that this would concern EN 12972 only, at present.

Proposal 5

Replace the title of the third column of the table in 6.8.2.6.2 by the following: "Applicable".

2.4 Status of standards preliminary adopted for reference

The Working group reviewed the status listed under 1.3.1 and provides the following information based on data received from CEN and ISO:

2.4.1 EN ISO 9809-1:2010, EN ISO 9809-2:2010, EN ISO 9809-3:2010 are published. Its title includes "(ISO 9809-X:2010)" where X is the number of the part of the standard series.

Proposal 6

The reference to this standard series shall read:

(1)	(2)	(3)	(4)	(5)
EN ISO 9809-1:2010	Gas cylinders — Refillable seamless steel gas cylinders — Design, construction and testing – Part 1: Quenched and tempered steel cylinders with tensile strength less than 1100 MPa (ISO 9809-1:2010)	6.2.3.1 and 6.2.3.4	Until further notice	
EN ISO 9809-2:2010	Gas cylinders — Refillable seamless steel gas cylinders — Design, construction and testing – Part 2: Quenched and tempered steel cylinders with tensile strength greater than or equal to 1100 MPa (ISO 9809-2:2010)	6.2.3.1 and 6.2.3.4	Until further notice	
EN ISO 9809-3:2010	Gas cylinders — Refillable seamless steel gas cylinders — Design, construction and testing – Part 3: Normalized steel cylinders (ISO 9809-3:2010)	6.2.3.1 and 6.2.3.4	Until further notice	

2.4.2 A corrigendum has been issued on EN 14638-3:2010 referenced under 6.2.4.1.

Proposal 7

The reference needs to be amended as follows:

(1)	(2)	(3)	(4)	(5)
EN 14638-3:2010/AC	Transportable gas cylinders — Refillable welded receptacles of a capacity not exceeding 150 litres — Part 3: Welded carbon steel cylinders made to a design justified by experimental methods	6.2.3.1 and 6.2.3.4	Until further notice	

2.4.3 The publication procedure of EN ISO 7866:2011 has been delayed and is expected later in 2012.

Proposal 8

The Working group asks to put the year of publication in the table of 6.2.4.1 in square brackets until further notice (prior to the next session of WP.15, the latest.).

2.4.4 The adoption of EN 15888:2011UAP suspended.

Proposal 9

The new reference in the table of 6.2.4.1 needs to be deleted.

2.4.5 Standards EN 1440:2008+A1:2012, EN 12493:2008+A1:2012, and EN 13082:2008+A1:2012 have all been published meanwhile. The square bracket in ECE/TRANS/WP.15/213 can be removed.

2.5 Consistency of applicable subsections and paragraphs indicated in the tables in 6.2.4.1 and 6.8.2.6.1

2.5.1 It has been seen that the indication of the applicable subsections in the table in 6.2.4.1 for the two entries EN ISO 14245:2010 and EN ISO 15995:2010 are inconsistent with those of the other references in this table. The working group confirms that this isn't justified and asks to indicate "6.2.3.1 and 6.2.3.3" with applicable subsections

2.5.2 The Working group had already detected during the previous session, that the subsections and paragraphs indicated in the table in 6.8.2.6.1 for EN 12493:2008 require correction. It is asked to remove 1.2.1 and 6.8.1 from the list of applicable regulations. This is valid for the issue 2008 as well as for the amendment 2012

Proposal 10

The lines in the table shall read:

EN 12493:2008 (except Annex C)	LPG equipment and accessories - Welded steel tanks for liquefied petroleum gas (LPG) – Road tankers – Design and manufacture <i>NOTE: Road tankers is to be understood in the meaning of "fixed tanks" and "demountable tanks" as per ADR.</i>	6.8.2.1 (with the exception of 6.8.2.1.17), 6.8.2.5, 6.8.3.1, 6.8.3.5, 6.8.5.1 to 6.8.5.3	Between 1 January 2010 and 30 June 2013	31 December 2014
EN 12493:2008 +A1: 2012 (except Annex C)	LPG equipment and accessories - Welded steel tanks for liquefied petroleum gas (LPG) – Road tankers – Design and manufacture <i>NOTE: Road tankers is to be understood in the meaning of "fixed tanks" and "demountable tanks" as per ADR.</i>	6.8.2.1 (with the exception of 6.8.2.1.17), 6.8.2.5, 6.8.3.1, 6.8.3.5, 6.8.5.1 to 6.8.5.3	Until 31 December 2013	31 December 2015

2.6 Reference to EN 50015 in ADR 9.2.2.5.1(a), Footnote 2

EN 50015 which is referenced in footnote 2 of ADR 9.2.2.5.1(a) has been withdrawn. The contents is equally included in the IEC standard series referenced in 9.2.2.5.1. EN versions for most parts of this IEC standard series are also available.

It is noted that this is an example of a "general purpose standard" which are being reviewed at present by CEN for validity on a systematic bases. CEN will submit the outcome of this effort at a later stage.

Proposal 11

The Working group recommends the deletion of footnote 2 to ADR 9.2.2.5.1.(a)