

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

Bern, 22–26 March 2010

Item 3 of the agenda

Standards

Report of the Standards Working Group (14th 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.1/2010/7** (Sweden) with respect to point 1 – Updating of standards EN 141, 471 and 13501-1:2002;
 - 1.2 **ECE/TRANS/WP.15/AC.1/2010/16** (ECMA) asking to adopt EN ISO 13340 as additional reference in 6.2.4.1;
 - 1.3 **ECE/TRANS/WP.15/AC.1/2010/32** (CEN) 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;
 - 1.4 **ECE/TRANS/WP.15/AC.1/2010/37** (France) proposing an alignment of EN 12493 with some provisions of ADR.
- 2 Results:
 - 2.1 Results on **ECE/TRANS/WP.15/AC.1/2010/7**

The working group feels that the three standards addressed in this document are examples for those standards for which the agreed cooperation procedures between CEN and the Joint Meeting are deemed inadequate and where specific adoption procedures shall be prepared by an inter-session Working Group later this year.

The application of the agreed procedures for dedicated standards, (i.e. the assessment of the compliance of these standards with regulations of ADR) was not possible in the absence of requirements on the subjects of these standards in ADR and in the absence of the text of the standards.

The Group realized that the standard references to EN 471 and EN 141 in ADR 8.1.5 are undated and are referenced as examples and that the reference to EN 13501-1:2002 as part of a Note which is not considered to be a binding requirement of ADR. (However, EN 13501-1:2002 is referenced in ADR 9.3.4.2 and declared as equivalent to the requirements included in this paragraph.

This is why the working group refrains at this point of time to make any recommendation. However, it would see no arguments if the Joint Meeting would adopt the revised references as proposed by Sweden based on the same basis as for the original references.
 - 2.2 Results on **ECE/TRANS/WP.15/AC.1/2010/16**

The working group shares the concerns expressed in this document, i.e. placing on the market of unsafe non-refillable pressure receptacles equipped with refillable valves.

In principle, it supports a reference to EN 13340 in RID and ADR. A formal decision will be taken during the next session of the Joint Meeting after the text of the standard has to be provided to the delegates.

The Working Group supports intentions of ECMA to apply for an amendment of RID/ADR 6.2.3.6.1 which would enforce a single conformity assessment for the assembly of non-refillable cylinders and valves. This would align ADR/RID also with the new wording of TPED which limits a separate conformity assessment to refillable pressure receptacles only.

2.3 Results on **ECE/TRANS/WP.15/AC.1/2010/32**

The working group discussed this document together with **INF.13**. Detailed results relevant to the text of standards

- EN 13110,
- EN ISO 14245,
- EN ISO 15995
- EN ISO 9809, Parts 1-3,
- EN ISO 10156

are compiled in the revised issue of INF.13 (**INF.13rev**) which will also be provided to the relevant standards bodies for consideration, the preparation of the final texts of these standards, in particular.

Consequential amendments of existing references to standards and proposals for new references are added thereafter.

With respect to the reference to **EN 3** in ADR 8.1.4.3 it is realized that the decision taken by WP.15 in document ECE/TRANS/WP.15/204 fully conforms to the (corrected) text as proposed in **ECE/TRANS/WP.15/AC.1/2010/32** to read:

“The portable fire extinguishers shall be suitable for use on a vehicle and shall comply with the relevant requirements of EN 3 Portable fire extinguishers, Parts 7 (EN 3-7:2004 + A1:2007)”

2.4 Detailed proposals for amendment of RID/ADR (to become effective by 1 January 2013) (Square brackets around years of publication indicate the scheduled date and will need to be removed after publication).

2.4.1 Reference to EN ISO 14245

It is proposed to add the following reference to the table of RID/ADR 6.2.4.1 under “for closures” and to amend the existing references to EN 13152 in this table to read 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
(1)	(2)	(3)	(4)	(5)
<i>For closures</i>				
EN ISO 14245:[2010]	Gas cylinders – Specifications and testing of LPG cylinder valves – Self closing (ISO 14245:2006)	6.2.3.3	Until further notice	

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 13152:2001	Specifications and testing of LPG – cylinder valves – Self closing	6.2.3.3	Between 1 January 2005 and 31 December 2010	
EN 13152:2001 + A1:2003	Specifications and testing of LPG – cylinder valves – Self closing	6.2.3.3	Between 1 January 2009 and 31 December 2014	

2.4.2 Reference to EN ISO 15995

It is proposed to add the following additional reference to the table of RID/ADR 6.2.4.1 under “for closures” and to amend the existing references to EN 13153 in this table to read 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
(1)	(2)	(3)	(4)	(5)
<i>For closures</i>				
EN ISO 15995: [2010]	Gas cylinders – Specifications and testing of LPG cylinder valves – Manually operated (ISO 15995:2006)	6.2.3.3	Until further notice	
EN 13153:2001	Specifications and testing of LPG – cylinder valves – Manually operated	6.2.3.3	Between 1 January 2005 and 31 December 2010	
EN 13153:2001 + A1:2003	Specifications and testing of LPG – cylinder valves – Manually operated	6.2.3.3	Between 1 January 2009 and 31 December 2014	

2.4.3 Reference to standard series EN ISO 9809

It is proposed to add the following additional reference and to amend the existing reference to EN 1964-1 and EN 1964-2 in the table of RID/ADR 6.2.4.1 under “for design and construction” to read 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
(1)	(2)	(3)	(4)	(5)
<i>for design and construction</i>				
EN 1964-1:1999	Transportable gas cylinders – Specifications for the design and construction of refillable transportable seamless steel gas cylinders of capacity from 0.5 litres up to 150 litres – Part 1: Cylinders made of seamless steel with a Rm value of less than 1 100 MPa	6.2.3.1 and 6.2.3.4	Until 31 December 2014	
EN 1964-2:2001	Transportable gas cylinders – Specification for the design and construction of refillable transportable seamless steel gas cylinders of water capacities from 0.5 litre up to and including 150 litre – Part 2: Cylinders made of seamless steel with an Rm value of 1 100 MPa and above	6.2.3.1 and 6.2.3.4	Until 31 December 2014	
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 1 100 MPa (ISO/DIS 9809-1: 2008)	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 1 100 MPa (ISO/DIS 9809-2: 2008)	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/DIS 9809-3: 2008)	6.2.3.1 and 6.2.3.4	Until further notice	

2.4.4 Reference to standard EN ISO 10156

A decision to submit a proposal for a replacement of the existing references to ISO 10156 in RID/ADR 2.2.2.1 by EN ISO 10156 has been postponed to keep harmony with the UN Model Regulations. It is expected that ISO 10156:2009 will be applied for reference in the UN Model Regulations to replace the existing reference and that RID/ADR/ADN will then be aligned with UN.

2.5 Results on ECE/TRANS/WP.15/AC.1/2010/37

The Working Group follows the arguments put forward in this document and supports an approach for an early amendment of EN 12493 to align it with the text of ADR 2011. According to the nature of the non-compliances it was considered not acceptable to await the regular revision process scheduled to be started in March 2013. The initiative for a quicker amendment procedure needs to be started by CEN/TC 286.

With respect to No. 4 of the document addressing the marking of tank vehicles it would be possible to eliminate 6.8.2.5, 6.8.3.5 and 6.8.3.5.1 as applicable subsections and paragraphs in the table in 6.8.2.6.