



Economic and Social Council

Distr.: General
20 December 2013

Original: English

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, 17-21 March 2014

Item 3 of the provisional agenda

Standards

Information on work in progress in CEN

Transmitted by the European Committee for Standardisation (CEN)^{1, 2}

1. Following the cooperation agreement between CEN/CENELEC and the Joint Meeting (see ECE/TRANS/WP.15/AC.1/122/Add.2, as amended by ECE/TRANS/WP.15/AC.1/130, annex III), the CEN consultant will advise the Joint Meeting of work in progress in CEN which will result in standards intended to be referenced in the RID/ADR/ADN.

New work items

2. With respect to CEN's work programme the Joint Meeting is invited to take note that the following new work items related to the transport of dangerous goods have been decided to be added to the programme of CEN/TC's 23 and 286 since the last session.

3. Additional CEN standards which are already referenced in RID/ADR/ADN, are up to review five years after publication. Its further existence is subject to a positive vote.

4. The Members of the Joint Meeting are invited to advise their experts to take part in the drafting and revision process of these work items via their national standardization bodies.

¹ In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94, ECE/TRANS/2012/12, programme activity 02.7 (A1c)).

² Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2014/11.

Table of new CEN work items relevant for a reference in RID/ADR/ADN

Responsible standardizing body	Work item No.	Reference	Title
CEN/TC 23	'00023178	prEN ISO 24431	Gas cylinders - Cylinders for compressed and liquefied gases (excluding acetylene) - Inspection at time of filling
CEN/TC 23	'00023179	prEN ISO 17871	Gas cylinders - Quick opening valves - specification and type testing
CEN/TC 286	00286159	prEN 13175 rev	LPG Equipment and accessories - Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings
CEN/TC 286	00286163	prEN 14334 rev	LPG equipment and accessories - Inspection and testing of LPG road tankers

Update of European general purpose standards

5. As a result of the review of all references to EN standards in the texts of RID/ADR/ADN as prepared for 2015 and characterized as “general purpose standards” this is to inform that there are no revisions, amendments or replacements which would be published in time as to be considered.

New and amended references to standards

6. Since the last session of September 2013, draft standards have reached the enquiry and formal vote stage and have been made available for consultation by members of the Joint Meeting on the dedicated CEN webpage.

7. Members of the Joint Meeting may send their comments using the model reproduced in the annex hereto (English only) to the CEN consultant at karol_wieser@yahoo.de before 17 January 2014. This early date has been determined to allow for telephone conferences organized by CEN in the second half of January. Invitations will be distributed separately in this regard.

8. Additional draft standards may be dispatched at a later stage in time to be discussed during the March 2014 session.

9. All comments as well as the outcome of telephone conferences will be consolidated in a separate document and be provided to the Joint Meeting.

Annex

[English only]

A. Standards at Stage 2: Submitted for Public Enquiry

Dispatch 1

prEN ISO/DIS 16148	Gas cylinders — Refillable seamless steel gas cylinders and tubes — Acoustic emission examination (AT) and follow-up ultrasonic examination (UT) for periodic inspection and testing (ISO/DIS 16148)		Where to refer in RID/ADR: 6.2.1.6.1	Applicable sub-sections and paragraphs: 6.2.1.6.1	
WI 023171					
Assessed by CEN Consultant on 26.9.2013 (Dispatch 1)					
<i>Summary of conclusions</i>					
<i>This revised edition ISO 16148 isn't related to dedicated RID/ADR provisions and can be promoted to the FV stage. The previous edition is referenced in RID/ADR as a guidance document. This reference needs to be updated and adapted to the broadened scope. No European modifications are required.</i>					
<i>Follow-up action by the Joint Meetings STD's WG</i>					
<i>This standard needs to be discussed as a replacement of the previous edition in RID/ADR 6.2.1.6.1 and with a broadened reference text to include tubes.</i>					
Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
prEN 14912	LPG equipment and accessories - Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders		Where to refer in RID/ADR: 6.2.4.2	Applicable sub-sections and paragraphs: Related amendments awaited	
WI 286144					
Assessment by CEN consultant to be dispatched.					

Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards

prEN 16631	LPG equipment and accessories - Pressure relief valves for LPG pressure vessels - Reconditioning requirements		Where to refer in RID/ADR: 6.2.4.2	Applicable sub-sections and paragraphs:	
WI 286146				Related amendments awaited (dedicated ad hoc group established in March 2013)	
Assessment by CEN consultant to be dispatched.					
Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards

B. Standards at Stage 3: Submitted for Formal vote

Dispatch 1

FprEN ISO/FDIS 10462	Acetylene cylinders — Periodic inspection and maintenance (ISO/FDIS 10462:2013)		Where to refer in RID/ADR 6.2.4.2	Applicable sub-sections and paragraphs: 6.2.1.6.1 and 6.2.3.5	
WI 023167					
Assessed by CEN Consultant on 15.8.2013 (Dispatch 1)					
<i>Summary of conclusions</i>					
<i>FprEN ISO 10462 fully covers all relevant RID/ADR provisions on the periodic inspection of acetylene cylinders. The standard is can be approved.</i>					
<i>The linkage with RID/ADR needs be considered in the European foreword.</i>					
<i>Follow-up action by the Joint Meetings STD's WG</i>					
<i>This standard needs to be discussed as a candidate for reference in RID/ADR, subsection 6.2.4.2, as a replacement of EN 12863.</i>					
Enquiry draft discussed by STD's WG in September 2012 with comments and safety concerns (see INF.38)					
Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
Decision of the STD's WG:	Accepted Refused Postponed	Comments	No transition regulation required. Shall replace EN 12863.		

FprEN 14140 rev	LPG Equipment and accessories – Transportable refillable welded steel cylinders for LPG – Alternative design and construction		Where to refer in RID/ADR 6.2.4.1	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4	
WI 286127					
Assessment by CEN consultant to be dispatched.					

5

9

Committee draft 2013-03 discussed and postponed by STD's WG in September 2013 with comments (see INF.22 rev).						
Comments from members of the Joint Meeting						
Country	Clause No.	Comment (justification for change)		Proposed change	Comment from CEN Consultant	Comment from WG Standards
Decision of the STD's WG:	Postponed		Additional comments	Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
				EN 14140:2003	Between 1 January 2005 and 31 December 2010	
				EN 14140:2003 + A1:2006	Between 1 January 2009 and 31 December 2016	
				EN 14140 [2014]	Until further notice	
FprEN 13175 rev	LPG Equipment and accessories - Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings		Where to refer in ADR: 6.2.4.1 (ref. in RID questioned)	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.3		
WI 286114						
Assessed by CEN Consultant on 10.12.2013 (Dispatch 1)						
<i>Summary of conclusions</i>						
<i>This draft of the standard complies with the related provisions of ADR and can be approved. Three editorial improvements are recommended to support the application of some ADR provisions.</i>						
<i>Follow-up action by the Joint Meetings STD's WG</i>						
<i>This standard needs to be discussed by the STD's WG as a candidate for reference in RID/ADR, sections 6.2.4.1, Table under "for closures", related to 6.2.3.1 and 6.2.3.3 as applicable subsections as well as in RID/ADR 6.8.2.6.1, Table, under "For tanks for gases of Class2" and indicating 6.8.2.1.1, 6.8.2.2, 6.8.2.4.1 and 6.8.3.2.3 as applicable subsections and paragraphs.</i>						

Enquiry draft discussed by STD's WG in September 2012 with comments to be considered at TC level and the concern about the applicability for rail tank wagons (see INF.38)						
Comments from members of the Joint Meeting:						
Country	Clause No.	Comment (justification for change)		Proposed change	Comment from CEN Consultant	Comment from WG Standards
Decision of the STD's WG:		Accepted Refused Postponed	Comments			No transition regulation required

FprEN 14334 rev	LPG Equipment and accessories - Pressure relief valves for LPG pressure vessels	Where to refer in RID/ADR 6.8.2.6.2	Applicable sub-sections and paragraphs: 6.8.2.4 and 6.8.3.4
WI 286130			
<p>Assessed by CEN Consultant on 7.12.2013 (Dispatch 1)</p> <p>Summary of conclusions</p> <p><i>This FV draft complies with all related ADR provisions with the exception of the alternative to the hydraulic pressure test which has been applied to be included in the 2015 edition of ADR. It can be approved in the expectation that this amendment of ADR will be adopted.</i></p> <p><i>In case that this approach should fail it was agreed by the STD's WG that the reference text in ADR would need to exclude the alternative (clause 5.5.8) from application..</i></p> <p>Follow-up action by the Joint Meetings STD's WG</p> <p><i>This standard needs to be discussed by the STD's WG as a candidate for reference in ADR 6.8.2.6.2 and related to subsections 6.8.2.4.2 – 6.8.2.4.4. In case that the alternative to the hydraulic test shouldn't be adopted by the Joint Meeting the reference will need to exclude Clause 5.5.8 in the reference text.</i></p>			
FV draft (WI 286151) discussed and postponed by STD's WG in March 2013 with comments to be discussed at TC level and the expectation the an amendment on the wall thickness calculation formula will be lounged (see INF.45).			

Comments from members of the Joint Meeting:						
Country	Clause No.	Comment (justification for change)		Proposed change	Comment from CEN Consultant	Comment from WG Standards
Decision of the STD's WG:		Accepted Refused Postponed	Comments			No transition regulation required

EN 12493:2013+prA1 WI 286164	LPG equipment and accessories – Welded steel tanks for LPG – Road tankers, Design and manufacture	Where to refer in RID/ADR 6.8.2.6.2	Applicable sub-sections and paragraphs: 6.8.2.4 and 6.8.3.4			
<p>Assessed by CEN Consultant on 5.12.2013 (Dispatch 1) Summary of conclusions <i>The draft of the amendment fully covers the request by the Working Group on Standards put forward at its meeting in March 2013. It can be approved. A slight modification of the modification to 5.2 is proposed.</i></p> <p>Follow-up action by the Joint Meetings STD's WG <i>This revision of EN 12493:2013+prA1 needs to be discussed by the STD's WG as an addition to the exiting reference in ADR, subsection 6.8.2.6.1 together with the transition regulations as preliminary adopted by the STD's WG in September 2013..</i></p>						
<p>Committee draft discussed and preliminary accepted by STD's WG in September 2013 depending on the outcome of the discussion on the alternatives to the hydraulic pressure test. (see INF.22 rev)</p>						
Comments from members of the Joint Meeting:						
Country	Clause No.	Comment (justification for change)		Proposed change	Comment from CEN Consultant	Comment from WG Standards

Decision of the STD's WG:	Accepted Refused Postponed	Additional comments	Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
			EN 12493:2001 (except Annex C)	[Between 1 January 2001 and 31 December 2010]	
			EN 12493:2008 (except Annex C)	[Between 1 January 2009 and 31 December 2016]	
			EN 12493:2013 +A1:[2014] (except Annex C)	Until further notice	

C. Standards at Stage 4: Published standards

CEN Dispatch 2

EN ISO 7866:2012	Gas cylinders - Refillable seamless aluminium alloy gas cylinders - Design, construction and testing (ISO/FDIS 7866:2012)	Where to refer in RID/ADR: 6.2.4.1	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4
WI 023118			
<p>Assessed by CEN Consultant on 18.4.2013, corr. 22.6.2012 (Dispatch 1 for the September 2012 session)</p> <p><i>Summary of conclusions</i></p> <p><i>There are no non-compliances between FprEN FDIS 7866 and RID/ADR 2011 as amended to become effective on 1.1.2013.</i></p> <p><i>Comments by the Standards Working Group on the second enquiry text of the standard and of my assessment of the second FV text have mostly been disregarded. Editorial improvements are still required as well as for the ISO- text as well as for the European Annex. Details are added in form of the e-balloting template. It's emphasized that this assessment would be negative if no European Annex is added, as proposed.</i></p> <p><i>Follow-up action by the Joint Meetings STD's WG</i></p> <p><i>This standard needs to be discussed again by the STD's WG for reference in RID/ADR 6.2.4.1, Table, under "for design and construction" and related to subsections 6.2.3.1 and 6.2.3.4.</i></p>			
<p>FV draft discussed and refused by STD's WG in September 2012 because of "shortcomings in the European version of the standards". (see INF.38)</p>			
<p></p>			

Comments from members of the Joint Meeting:						
Country	Clause No.	Comment (justification for change)		Proposed change	Comment from CEN Consultant	Comment from WG Standards
Decision of the STD's WG:		Accepted Refused Postponed	Comments			No transition regulation required