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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

Geneva, 17-27 September 2013

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 2010–2014 (ECE/TRANS/208, para. 106, ECE/TRANS/2010/8, programme activity 02.7 (c)).

² Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2013/55.

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

New and amended references to standards

5. Since the last session of March 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.

6. 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 12 July 2013. This early date is determined to allow for telephone conferences organized by CEN in the second half of July. Invitations will be distributed separately in this regard.

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

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

Annex

A. Standards at Stage 2: Submitted for Public Enquiry

Dispatch 1

prEN 16522		Tanks for transport of dangerous goods - Service equipment for tanks - Flame arresters for venting systems	Where to refer in RID/ADR: 6.8.2.6.1	Applicable sub-sections and paragraphs: 6.8.2.2.3	
WI 296076					
Assessed by CEN Consultant on 27.5.2013 (Dispatch 2)					
<i>Summary of conclusions</i>					
<i>The scope and some clauses don't comply with the intentions of this standard and need to be revised. Additional essential amendments are recommended. However, none of the clauses contradict to the related RID/ADR provisions. It can be promoted to the FV stage.</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 ADR or a supportive standard. A reference may be refused due to the limited relationship with ADR provisions. In addition, such reference is also not conditional for a separate type approval of flame arresters, as EN 16522 isn't the design standard for these items.</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 14433 rev		Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals and liquefied gases - Foot valves	Where to refer in RID/ADR: 6.8.2.6.1	Applicable sub-sections and paragraphs: 6.8.2.2.1	
WI 296080					
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

Dispatch 2

prEN 14432 rev	Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals and liquefied gases - Product discharge and air inlet valves			Where to refer in RID/ADR: 6.8.2.6.1	Applicable sub-sections and paragraphs: 6.8.2.2.1
WI 296069					
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 13094 rev	Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction			Where to refer in RID/ADR: 6.8.2.6.1	Applicable sub-sections and paragraphs: 6.8.2.1
WI 296066					
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

EN ISO 11120:1999 +FprA1		Gas cylinders - Refillable seamless steel tubes for compressed gas transport, of water capacity between 150 l and 3000 l - Design construction and testing - Amendment 1: Requirements for design of tubes for embrittling gases (EN ISO 11120:1999/DAM 1:2011)	Where to refer in RID/ADR/ADN: 6.2.4.1	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4	
WI 023163					
Assessed by CEN Consultant on 13.3.2013 (Dispatch 2)					
<i>Summary of conclusions</i>					
<i>EN ISO 22435:2007 + prA1 is compliant with RID/ADR and can be approved. No editorial improvement is considered necessary.</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 an amendment of the existing reference to EN ISO 11120:1999 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>					
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	Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
			EN ISO 11120:1999	Between 1 January [1999] and 31 December 2016	
			EN ISO 11120:1999 + A1:[2013]	Until further notice	

Dispatch 2

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FprEN 15888 2 nd submission	Transportable gas cylinders - Cylinder bundles - Periodic inspection and testing	Where to refer in RID/ADR/ADN: 6.2.4.2	Applicable sub-sections and paragraphs: 6.2.3.5
WI 023164			

Assessed by CEN Consultant on 17.4.2013 (Dispatch 2)

Summary of conclusions

This draft is now compliant with the provisions of RID/ADR and is supported to be approved. However, editorial comments by the STD's WG made on the preliminary draft, dated 2012-07 need to be considered prior to publication.

Follow-up action by the Joint Meetings STD's WG

This standard – reedited - needs again (a decision of a reference was postponed at the session in September 2012) to be discussed by the STD's WG for reference in RID/ADR subsection 6.2.4.2 and related to the requirements of subsection 6.2.3.5 on the periodic inspection and test of non-UN pressure receptacles.

At this occasion , the Joint Meeting may be made aware of the fact that the marking provisions for bundles of cylinders are incomplete with respect to the marking of the periodic inspections.

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	Comments	No transition regulation required
	Refused		
	Postponed		

FprEN 13274 WI 261393	Packaging — Transport packaging for dangerous goods — Plastics compatibility testing for packaging and IBCs	Where to refer in RID/ADR 6.1.5.2 and 6.5.6.3	Applicable sub-sections and paragraphs: 6.1.5.2.5 – 6.1.5.2.8, 6.1.6 and 6.5.6.3.4 – 6.5.6.3.6
WI 023164			

Assessed by CEN Consultant on 3.4.2013 (Dispatch 2)

Summary of conclusions

FprEN ISO/FDIS 13274 can be approved. Some deficiencies need to be removed prior to publication. However, there are no contradictions to related RID/ADR provisions. It is a candidate for reference in RID/ADR.

Follow-up action by the Joint Meetings STD's WG

This standard is considered a candidate for reference in RID/ADR 6.1.5.2 and 6.5.6.3 and needs to be discussed by the STD's WG, based on the guidance document quoted in the footnote below.

¹ *Karol E. Wieser, CEN Consultant, Guidance on the evolution on chemical compatibility proofs for plastics packagings and IBC's for the transport of dangerous goods, dated 14.9.2007.*

This document is part of the enquiry draft assessment, which is part of Dispatch 2 for the March 2011 session.

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 2 nd submission	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			

Assessed by CEN Consultant on 22.2.2013 (Dispatch 2)

Summary of conclusions

This second FV draft considers the majority of my comments on the first FV draft and those of the STD's WG. With respect to the compliance with ADR, there is still the alternative to the hydraulic pressure test which contradicts ADR. This is why this assessment is still negative. However, the related application for amendment of ADR submitted to the Joint Meeting in March 2013 may lead to an alignment of standard and regulation.

It is also required to ask the Plenary of the Joint Meeting whether or not EN 14334 shall be referenced as a LPG specific inspection standard in addition to EN 12252, which is already referenced in ADR, as a general rule for all types of tank vehicles, including LPG- tanks.

<p><i>Some earlier comments of technical and editorial nature require still improvement of the standard.</i></p> <p>Follow-up action by the Joint Meetings STD's WG</p> <p><i>Following the persistent intention of the LPG industry to follow this standard instead of EN 12972, it is required to address the new FV draft as a candidate for reference in ADR (2015), subsection 6.8.2.6.2 indicating subsections 6.8.2.4 and 6.8.3.4 as applicable and in context with the discussion of ADR 2015 by ECE/TRANS/WP.15/AC.1/2013/6.</i></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

C. Standards at Stage 4: Published standards

CEN Dispatch 2

EN ISO 13088:2012	Gas cylinders - Acetylene cylinder bundles - Filling conditions and filling inspection (ISO 13088:2011)	Where to refer in RID/ADR/ADN: 4.1.4.1, P200(11) and in 6.2.3.9.7.2	Applicable sub-sections and paragraphs: 4.1.4.1, P200(10) p
WI 023175			
<p>Assessed by CEN Consultant on 18.2.2013 (Dispatch 2)</p> <p><i>Summary of conclusions</i></p> <p><i>There are no contradictions between EN ISO 13088:2012 and the relevant provisions of RID/ADR. However, further alignment with these provisions is recommended, as well as a few improvements.</i></p> <p><i>Follow-up action by the Joint Meetings STD's WG</i></p> <p><i>This standard needs to be discussed by the STD's WG as a replacement of EN 12755, referenced in RID/ADR 4.1.4.1, P200(11) and in 6.2.3.9.7.2.</i></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
