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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

Geneva, 17–27 September 2019

Item 3 of the provisional agenda

Standards

Information on work in progress in CEN

Transmitted by the European Committee for Standardisation (CEN)*,**

Introduction

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), CCMC proposed standards for referencing in the RID/ADR. As mentioned during the last Joint Meeting, the European Commission decided to close the Mandate M 086. Consequently, there is no HAS Consultant for TDG anymore. The industries are seeking funding for an independent advisor.

Activities during the last semester

2. CEN had prepared one dispatch on 25 May 2019 which include assessments of the drafts.
3. The Chair of the Working Group of Standards has reviewed the table in 4.1.6.15 of RID/ADR and found an inconsistent approach to the referencing of ISO standards. Some were accompanied by a note reading “The EN version of this ISO standard fulfils the requirements and may also be used.” However, this note is applied inconsistently, in one case it is present when the reference is to an EN ISO standard and sometimes it is not used when the standard referenced is an ISO standard which is also published as an EN ISO. The

* In accordance with the programme of work of the Inland Transport Committee for 2018-2019, (ECE/TRANS/2018/21/Add.1, Cluster 9, (9.2)).

** Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2019/46.

Chair will ask the Standards Working Group to agree to amend these references so that the note is applied consistently.

4. Standards in 4.1.6.15 are only mandatory if they are ISO standards applying to UN pressure receptacles. The Working Group on Standards should therefore consider deleting standards EN 13152:2001 and EN 13153:2001 which have been withdrawn and replaced by EN ISO 14245:2010 and EN ISO 15995:2010 respectively.

5. Proposals for amendment of 4.1.6.15 are given at the end of the Annex of this paper for consideration by the Working Group on Standards.

New work items

6. 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 added to the programme of CEN/TC's 23, 268, 286 and 296. It has been decided to review additional CEN standards which are already referenced in RID/ADR/ADN.

7. 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.

Table of new CEN work items related to provisions of RID/ADR/ADN

Responsible standardizing body	Work item No.	Reference	Title
CEN/TC 23	00023214	prEN 12245 rev	Transportable gas cylinders Fully wrapped composite cylinders
CEN/TC 23	00023215	prEN ISO 11114-2 rev	Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 2: Non-metallic materials
CEN/TC 286	00286197	EN 14071:2015+A1:2019	LPG equipment and accessories - Pressure relief valves for LPG pressure vessels - Ancillary equipment
CEN/TC 286	00286198	prEN 14427 rev	LPG equipment and accessories - Transportable refillable fully wrapped composite cylinders for LPG - Design and construction

New and amended references to standards

8. Since the session of March 2019, draft standards have reached the enquiry and Formal vote stages. They have been made available for consultation by members of the Joint Meeting on the dedicated CEN webpage (Dispatch 1).

9. Members of the Joint Meeting have already been invited to provide their comments on the documents listed in Dispatch 1. They still have the time to provide their comments to CCMC (macarreira@cencenelec.eu). It is foreseen to organize ad hoc web-conferences to review those comments early September 2019 (calendar of dates still to be defined with JM Working Group on Standards). All comments 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

EN 16728:2016+A1:201 8/prA2:2019		LPG equipment and accessories - Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders - Periodic inspection		Where to refer in RID/ADR: 6.2.4.2	Applicable sub-sections and paragraphs: Not required	
00286191						
Assessment by Advisor awaited						
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			

Dispatch 1

prEN 12493 rev		LPG equipment and accessories - Welded steel pressure vessels for LPG road tankers - Design and manufacture		Where to refer in RID/ADR: 6.2.4.1	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.3	
00286194						
Assessment by Advisor awaited						
Comments from members of the Joint Meeting:						

					Comment from WG Standards
Decision of the STD's WG:	Accepted Refused Postponed	Comments			

Dispatch 1

prEN 13953 rev	LPG equipment and accessories - Pressure relief valves for transportable refillable cylinders for Liquefied Petroleum Gas (LPG)		Where to refer in RID/ADR: 6.2.3.4.1 for closures	Applicable sub-sections and paragraphs: 6.2.3.1, 6.2.3.3 and 6.2.3.4	
00286195					
Assessment by Advisor awaited					
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			

Dispatch 1

EN 1440:2016+A1:2018 /prA2:2019		LPG equipment and accessories - Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders - Periodic inspection		Where to refer in RID/ADR: 6.2.4.2	Applicable sub-sections and paragraphs: Not required	
00286196						
Assessment by Advisor awaited						
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			

Dispatch 1

prEN 13094		Tanks for the transport of dangerous goods – Metallic gravity discharge tanks – Design and construction		Where to refer in RID/ADR: 6.8.2.6.1	Applicable sub-sections and paragraphs: 6.8.2.1	
00296089						
Assessment by Advisor awaited						
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			

6

prEN ISO 11114-1		Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials	Where to refer in RID/ADR: P200 (13) 2.4, 4.1.6.15	Applicable sub-sections and paragraphs: 4.1.6.2 (not relevant for P200)		
00023210						
Assessment by Advisor awaited						
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			

B. Standards at Stage 3 or 4: Submitted for Formal vote or Published

Dispatch 1

FprEN ISO 9809-1		Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 1: Quenched and tempered steel cylinders and tubes with tensile strength less than 1100 MPa	Where to refer in RID/ADR 6.2.4.1	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4		
00023197						
Assessment by Advisor awaited						
Enquiry draft discussed by STD's WG in						
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 renewals	Latest date for withdrawal of existing type approvals
			EN ISO 9809-1:2010	31 December 2022	
			EN ISO 9809-1:2019	Until further notice	

Dispatch 1

FprEN ISO 9809-2	Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 2: Quenched and tempered steel cylinders and tubes with tensile strength greater than or equal to 1100 MPa		Where to refer in RID/ADR 6.2.4.1	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4	
00023197					
Assessment by Advisor awaited					
Enquiry draft discussed by STD's WG in					
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		Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
			EN ISO 9809-2:2010	31 December 2022	
			EN ISO 9809-2:2019	Until further notice	

Dispatch 1

FprEN ISO 9809-3		Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 3: Normalized steel cylinders and tubes		Where to refer in RID/ADR 6.2.4.1	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4	
00023199						
Assessment by Advisor awaited						
Enquiry draft discussed by STD's WG in						
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		Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
				EN ISO 9809-3:2010	31 December 2022	
				EN ISO 9809-3:2019	Until further notice	

Dispatch 1

EN ISO 10462:2013/prA1 00023207	Gas cylinders - Acetylene cylinders - Periodic inspection and maintenance - Amendment 1 (ISO 10462:2013/DAM 1:2018)	Where to refer in RID/ADR 6.2.4.2	Applicable sub-sections and paragraphs: Not required
Assessment by Advisor awaited			

Enquiry draft discussed by STD's WG in						
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		Proposed transition regulation	Applicable	
				EN ISO 10462:2013	Until 31 December 2022	
				EN ISO 10462:2013 +AI:2019	Mandatorily from 1 January 2023	

Dispatch 1

EN ISO 10460:2018	Gas cylinders - Welded aluminium-alloy, carbon and stainless steel gas cylinders - Periodic inspection and testing		Where to refer in RID/ADR 6.2.4.2	Applicable sub-sections and paragraphs: Not required		
00023205						
Assessment by Advisor awaited						
Enquiry draft discussed by STD's WG in						
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		Proposed transition regulation	Applicable	
			EN 1803:2002 (except Annex B)	Until 31 December 2022	
			EN ISO 10460:2018	Mandatorily from 1 January 2023	

WIs of General purpose standards reaching soon publication (reference of standards in RIDADR)

None identified at this stage

Amendments to 4.1.6.15 proposed by the Chair of the Working Group on Standards

Recognising that ADR is no longer a European agreement, preference should be given to referencing ISO standards. This also increases the conformity with the text of the UN Model Regulations.

1. Replace all the references to EN ISO standards with references to the ISO standard. This will require replacing EN ISO 14245:2010 with ISO 14245:2006 and EN ISO 15995:2010 with ISO 15995:2006
2. For all the ISO standards except ISO 16111:2008 (for which there is no EN version) add a footnote which states "The EN ISO version of this ISO standard fulfils the requirements and may also be used"
3. Delete the references to EN 13152:2001 +A1:2003 and EN 13153:2001 +A1:2003.