



Economic and Social Council

Distr.: General
21 December 2017

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, 12–16 March 2018

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), 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 CEN Enquiry procedure - 3 Month enquiry with weighted vote and optional formal vote for CEN home-grown projects

2. With respect to the changes procedures to expedite the preparation of CEN deliverable described in ECE/TRANS/WP.15/AC.1/2017/32, CEN is not yet ready to propose consequential changes to the agreements laid down in the documents mentioned in paragraph 1. However the changes on the procedure are minor and can be tackled by the Working Group on Standards without difficulties.

* In accordance with the draft programme of work of the Inland Transport Committee for 2018-2019, (ECE/TRANS/WP.15/237, annex V, (9.2)).

Activities during the last semester

3. CEN had prepared 2 dispatches which include assessments of the drafts. A Dispatch 3 could also be made available in February 2018 containing General Purpose Standards.

New work items

4. 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, 268, 286 and 296. It has been decided to review additional CEN standards which are already referenced in RID/ADR/ADN. Not all of them are considered candidates for reference in these regulations.

5. 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	00023205	prEN ISO 10460	Gas cylinders - Welded aluminium-alloy, carbon and stainless steel gas cylinders - Periodic inspection and testing (ISO/DIS 10460:2017)
CEN/TC 296	00296100	prEN 13922 rev	Tanks for transport of dangerous goods - Service equipment for tanks - Overfill prevention systems for liquid fuels

New and amended references to standards

6. Since the session of September 2017, draft standards have reached the enquiry and Formal vote stage and have even be published. They have been made available for consultation by members of the Joint Meeting on the dedicated CEN webpage (Dispatch 1 to 2).

7. 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 the CEN Consultant (david.teasdale@btinternet.com) on Dispatch 2 before 15 February 2018. It is foreseen to organize ad hoc web-conferences in order to review those comments second half of February 2018 (calendar of dates still to be defined with the Joint Meeting 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 14071_2015_prA1 2017		LPG equipment and accessories - Pressure relief valves for LPG tanks – Ancillary equipment	Where to refer in RID/ADR: 6.2.4.1? 6.8.2.6.1 for equipment	Applicable sub-sections and paragraphs: 6.2.16.3	
WI 00286136				NEW STANDARD	
Positive assessment by CEN Consultant provided					
Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
		We cannot review this amendment's suitability for referencing since it only gives a few sentences and we need to see the whole text, i.e. the 2015 standard			
		Also, I happen to have a copy of this 2015 standard, so I can see from its scope that is for valves on static equipment. It is therefore not suitable for referencing in RID/ADR?	Do we need to spend time considering this standard in the Standards WG?		CEN/TC 286 to confirm this is aimed to become a TDG STD

Dispatch 1

prEN 13175_2017		LPG Equipment and accessories - Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings	Where to refer in RID/ADR: 6.8.2.6.1 for equipment	Applicable sub-sections and paragraphs: 6.8.2.1, 6.8.2.2.and 6.8.2.4.1, 6.8.3.2.3	
WI 00286183					
Negative assessment by CEN Consultant provided					

Comments from members of the Joint Meeting:					
Note: we need to discuss in the Standards WG if it should also be also referenced in 6.2.4.1					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
DT 1	3.1.2 Definitions (ge)	pressure vessel assembly of the pressure envelope (including the openings and their closures) and non-pressure-retaining parts attached directly to it. The PED Article 2 defines 'pressure equipment' and 'vessel' there is no definition for pressure vessel.	The definition in Article 2 should be used for vessel.		
DT 2	7.3.1 General (ge)	Ball valves shall be in accordance with EN 1983 or EN 13547. Only dated references should be referenced.	The references should be dated as per those in the list of Normative References.		
DT 3	7.13.1 Pressure gauge (ge)	7.13.1 The pressure gauge shall conform to the appropriate requirements of this European Standard and to EN 837-1 and shall be resistant to the effects of the weather	The reference should be dated as per those in the list of Normative References.		
DT 4	7.13.3 Pressure gauge (ge)	7.13.3 The accuracy shall be in accordance with the requirements of EN 837-1, with a minimum Class 2,5.	The reference should be dated as per those in the list of Normative References		
DT 5	Annex ZA 2.1 (ge)	8.2 8.3 8.4 8.6 8.9 8.10 8.11 2.1. General The pressure equipment shall be properly designed taking all relevant factors into account in order to ensure that the equipment will be safe throughout its intended life. The design shall incorporate appropriate safety coefficients using comprehensive methods which are	These clauses of the standard should be aligned with more applicable requirements of the directive so conformity can be assessed.		

		<p>known to incorporate adequate safety margins against all relevant failure modes in a consistent manner.</p> <p>The requirement of 2.1 (first paragraph) is very general it is difficult to ascertain compliance with this very general requirement.</p> <p>There is also clause e.g. 8.4 for example where it would be difficult to demonstrate even the very general conformity with 2.1.</p>			
DT 6	Annex ZA 2.2.1 (ge)	<p>Clause 6 excluding 6.1.5, 6.1.6, 6.1.8 and 6.1.11</p> <p>2.2.1. The pressure equipment shall be designed for loadings appropriate to its intended use and other reasonably foreseeable operating conditions. In particular, the following factors shall be taken into account: ...</p> <p>6.1.2 It is unclear how this requirement meets the requirements for the elements of similar in 2.2.1 this concerns the function of the valve.</p> <p>6.1.3 It is unclear how this requirement meets the requirements for the elements of similar in 2.2.1 this concerns the function of the valve.</p> <p>6.1.4 As this is a 'transportation' requirement it is not appropriate to PED type equipment.</p> <p>6.1.9 It is unclear how this requirement meets the requirements for the elements of similar in 2.2.1 this concerns the function of the valve.</p>	<p>Exclude 6.1.2 or clarify the requirement.</p> <p>Exclude 6.1.3 or clarify the requirement</p> <p>Exclude 6.1.4 or clarify the requirement</p> <p>Exclude 6.1.9 or clarify the requirement</p>		
DT 7	Annex ZA	Clause 7			

	2.2.1 (ge)	<p>2.2.1. The pressure equipment shall be designed for loadings appropriate to its intended use and other reasonably foreseeable operating conditions. In particular, the following factors shall be taken into account:...</p> <p>A lot of the requirements in the sub clauses in Clause 7 deal with functionality of the pressure accessories and in themselves are not loadings. Therefore, Clause 7 should not be referenced in its entirety.</p>	Review all the sub clauses in Clause 7 for conformity with the requirements of 2.2.1 only the elements that are in conformity with 2.2.1 should be included.		
DT 8	Annex ZA 2.2.1 (ge)	<p>8.9</p> <p>Clause 8.9 contains elements that are not in conformity with the 2.2.1 criteria.</p>	It should be confirmed which elements of 8.9 deal with the requirements of 2.2.1 designed for adequate strength rather than the functioning of the valve for its use.		
DT 9	Annex ZA 2.3 (ge)	<p>Clause 6 excluding 6.1.5, 6.1.6, 6.1.8 and 6.1.11</p> <p>2.3. Provisions to ensure safe handling and operation</p> <p>The method of operation specified for pressure equipment shall be such as to preclude any reasonably foreseeable risk in operation of the equipment. Particular attention shall be paid, where appropriate, to:...</p> <p>6.1.1, 6.1.2, 6.1.4, 6.1.7, 6.1.9, 6.1.10,</p>	It is unclear as to how these sub clauses meet the requirements of 2.3 – these should be reviewed.		
DT 10	Annex ZA 2.3 (ge)	<p>Clause 7</p> <p>2.3. Provisions to ensure safe handling and operation</p> <p>The method of operation specified for pressure equipment shall be such as to preclude any reasonably</p>			

		foreseeable risk in operation of the equipment. Particular attention shall be paid, where appropriate, to:...	Review all the sub clauses in Clause 7 for conformity with the requirements of 2.3 only the elements that are in conformity with 2.3 should be included.		
DT 11	Annex ZA 3.3 (ge)	Clause 10 Details some items and then in a Note. NOTE 1 Where marking is regulated by PED [4], this takes precedence over any clause in this European Standard. The PED [4] includes additional marking requirements, e.g. CE-marking. Effectively referring back to the PED, with which the accessory has to comply.	Either detail the marking requirements in the PED for these accessories and delete the note, or delete 3.3.		

Dispatch 1

prEN 14025_2017		Tanks for the transport of dangerous goods - Metallic pressure tanks - Design and construction	Where to refer in RID/ADR: 6.8.2.6.1	Applicable sub-sections and paragraphs: 6.6.2.1 and 6.8.3.1	
WI 00296094					
Assessment by CEN Consultant provided					
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 ISO DIS 14245_2017		Gas cylinders - Specifications and testing of LPG cylinder valves - Self-closing		Where to refer in RID/ADR:		Applicable sub-sections and paragraphs:	
WI 00286168				6.2.4.1 for equipment P200 (12) 3.4, 4.1.6.15		4.1.6.8, 6.2.3.1 and 6.2.3.3	
Assessment by CEN Consultant to be provided							
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 14245:2010	Between 1 January 2013 and 31 December 2020		
				EN ISO 14245:[2018]	Until further notice		

Dispatch 1

FprEN ISO DIS 15995_2017		Gas cylinders - Specifications and testing of LPG cylinder valves - Manually operated		Where to refer in RID/ADR:		Applicable sub-sections and paragraphs:	
WI 00286169				6.2.4.1 for equipment P200 (12) 3.4, 4.1.6,15		4.1.6.8, 6.2.3.1 and 6.2.3.3	
Assessment by CEN Consultant to be provided							
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 15995:2010	Between 1 January 2013 and 31 December 2020		
				EN ISO 15595:[2018]	Until further notice		

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

Dispatch 1

FprEN 12807_2017		LPG equipment and accessories - Transportable refillable brazed steel cylinders for liquefied petroleum gas (LPG) - Design and construction		Where to refer in RID/ADR		Applicable sub-sections and paragraphs:	
WI 00286173				6.2.4.1		6.2.3.1. and 6.2.3.4	
Positive assessment by CEN Consultant provided.							
Enquiry draft not discussed by STD's WG							
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 12807:2008	Between 1 January 2011 and 31 December 2020		
			EN 12807:[2018]	Until further notice		

Dispatch 1

FprEN ISO/FDIS 21028-2:2018	Cryogenic vessels - Toughness requirements for materials at cryogenic temperature - Part 2: Temperatures between -80 degrees C and -20 degrees C (ISO/FDIS 21028-2:2017)		Where to refer in RID/ADR	Applicable sub-sections and paragraphs: 6.8.5.2. and 6.8.5.3	
WI 00268063			6.8.5.4		
Positive assessment by CEN Consultant provided.					
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	In RID/ADR, 6.8.5.4 replace: EN 1252-2:2001 Cryogenic vessels - Materials - Part 2: Toughness requirements for temperatures between -80°C and -20°C by: EN ISO 21028-2:[2018] Cryogenic vessels - Toughness requirements for materials at cryogenic temperature - Part 2: Temperatures between -80 °C and - 20 °C	Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
			none required		

Dispatch 2

ISO EN ISO 14246:2014/Amd 1:2017	Gas cylinders - Cylinder valves - Manufacturing tests and examinations - Amendment 1 (ISO 14246:2014/Amd 1:2017)	Where to refer in RID/ADR	Applicable sub-sections and paragraphs 6.2.1.4 and 6.2.3.4 not a NEW Standard?
00023191		6.2.4.1	
Assessment by CEN Consultant to be provided.			

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	
			ISO EN ISO 14246:2014	Between 1 January 2015 and 31 December 2020		
			ISO EN ISO 14246:2014/Amd 1:2017	Until further notice		

Dispatch 2

FprEN 12972_2018	Tanks for transport of dangerous goods - Testing, inspection and marking of metallic tanks	Where to refer in RID/ADR	Applicable sub-sections and paragraphs:			
WI 00296099		1.8.7.8 & 6.8.2.6.2	6.8.2.4 and 6.8.3.4			
Assessment by CEN Consultant provided.						
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	
			EN 12972_2007	Until 31 December 2020	
			EN 12972 [2018]	Mandatorily from 1 January 2021	

Dispatch 2

FprEN 13317_2018	Tanks for transport of dangerous goods - Service equipment for tanks - Manhole cover assembly		Where to refer in RID/ADR 6.8.2.6.1 <i>for equipment</i>	Applicable sub-sections and paragraphs: 6.8.2.2.and 6.8.2.4.1	
WI 00296092					
Assessment by CEN Consultant provided.					
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 13317_2002 + A1 2006	Between 1 January 2007 and 31 December 2020	
			EN 13317_[2018]	Until further notice	

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

None identified