

## **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, 17-21 September 2018  
Item 3 of the provisional agenda  
**Standards**

**11 September 2018**

### **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 new approach 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. As mentioned during the last Joint Meeting, the European Commission decided to transfer the responsibility of managing the consultants (now referred as HAS consultant) to Ernst and Young (EY). The contract of EY started 1 April 2018 but at this stage EY did not succeed to recruit a transport of dangerous goods consultant. Luckily, before leaving, Mr. D. Teasdale could perform still a large number of assessments.

#### **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 in procedures to expedite the preparation of the CEN deliverables described in document 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 Joint Meeting Working Group on Standards without difficulties.

#### **Activities during the last semester**

3. CEN had prepared 1 dispatch which include assessments of the drafts. A Dispatch 2 could also be made available early September 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	00023208	EN ISO 11118:2015 prA1	Gas cylinders - Non-refillable metallic gas cylinders - Specification and test methods
CEN/TC 23	00023210	prEN ISO 11114-1	Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials
CEN/TC 268	00268069	prEN ISO 21011	Cryogenic vessels - Valves for cryogenic service
CEN/TC 268	00268070	prEN ISO 23208	Cryogenic vessels - Cleanliness for cryogenic service
CEN/TC 286	00268191	EN 16728:2016/ prA2	LPG equipment and accessories - Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders - Periodic inspection
CEN/TC 286	00286193	EN 13953:2015/ prA1	LPG equipment and accessories - Pressure relief valves for transportable refillable cylinders for Liquefied Petroleum Gas (LPG)

## New and amended references to standards

6. Since the session of March 2018, 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).

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 CCMC ([tlegrand@cencenelec.eu](mailto:tlegrand@cencenelec.eu)) in the absence of HAS appointed consultant and before **15 August 2018**. It is foreseen to organize ad hoc web-conferences in order to review those comments second half of August 2018/early September (calendar of dates still to be defined with 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

<b>prEN ISO 9809-1</b>		<b>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 1 100 MPa</b>	<b>Where to refer in RID/ADR:</b> 6.2.4.1	<b>Applicable sub-sections and paragraphs:</b> 6.2.3.1 and 6.2.3.4		
WI 00023197						
Positive assessment by Consultant provided						
<b>Comments from members of the Joint Meeting:</b>						
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards	
UK		No comment				
<b>Decision of the STD's WG:</b>		<b>Accepted</b> Refused Postponed	Comments			

Dispatch 1

<b>prEN ISO 9809-2</b>		<b>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 1 100 MPa</b>	<b>Where to refer in RID/ADR:</b> 6.2.4.1	<b>Applicable sub-sections and paragraphs:</b> 6.2.3.1 and 6.2.3.4		
WI 00023198						
Positive assessment by 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
UK		No comment			
<b>Decision of the STD's WG:</b>		<b>Accepted</b> Refused Postponed	Comments		

Dispatch 1

prEN 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	
WI 00023199					
Positive assessment by 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
UK		No comment			
<b>Decision of the STD's WG:</b>		<b>Accepted</b> Refused Postponed	Comments		

Dispatch 1

<b>prEN ISO DIS 14245</b>		<b>Gas cylinders — Specifications and testing of LPG cylinder valves — Self-closing</b>		<b>Where to refer in RID/ADR:</b>	<b>Applicable sub-sections and paragraphs:</b>
WI 00286168				6.2.4.1 for closure P200 (12) 3.4	6.2.3.1 and 6.2.3.3
Positive assessment by Consultant provided					
<b>Comments from members of the Joint Meeting:</b>					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
<b>Decision of the STD's WG:</b>		<b>Accepted</b> Refused Postponed	Comments		

Dispatch 1

<b>prEN ISO DIS 15995</b>		<b>Gas cylinders — Specifications and testing of LPG cylinder valves — Manually operated</b>		<b>Where to refer in RID/ADR:</b>	<b>Applicable sub-sections and paragraphs:</b>
WI 00286169				6.2.4.1 for closure P200 (12) 3.4	6.2.3.1 , 6.2.3.3
Positive assessment by Consultant provided					
<b>Comments from members of the Joint Meeting:</b>					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
<b>Decision of the STD's WG:</b>		<b>Accepted</b> Refused Postponed	Comments		

Dispatch 1

<b>prEN ISO 23208</b>		<b>Cryogenic vessels - Cleanliness for cryogenic service</b>		<b>Where to refer in RID/ADR:</b> 6.2.4.1 for equipment? P200?	<b>Applicable sub-sections and paragraphs:</b>
WI 00268070					
Assessment by HAS Consultant to be provided					
<b>Comments from members of the Joint Meeting:</b>					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
UK		This standard will replace EN 12300:1998 which is a normative reference in EN 1251-2:2000. Although EN 1251-2 has been referenced in RID/ADR since it was first published, there has been no request to reference EN 12300. Its role is that of a standard which supports construction, but it is not one mentioned directly in a type approval certificate. There are no specific requirements in RID/ADR for the cleanliness of tanks and equipment carrying refrigerated liquefied gases except for the general requirement for no reaction with the dangerous goods.	The standard is not a candidate for referencing in RID/ADR.		
D		There are no requirements for this purpose in ADR. Insofar this standard should not be referenced in ADR.			
F		Standard not relevant for TDG purpose			
<b>Decision of the STD's WG:</b>		Accepted <b>Refused</b> Postponed	Comments		

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

Dispatch 1

FprEN ISO/FDIS 18119:2018		Gas cylinders - Seamless steel and seamless aluminium-alloy gas cylinders and tubes - Periodic inspection and testing	Where to refer in RID/ADR 6.2.3.5.1. Note 3 6.2.4.2	NEW STANDARD	
00023187					
Positive assessment by Consultant provided.					
Enquiry draft not discussed by STD's WG					
<b>Comments from members of the Joint Meeting:</b>					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
DT 1	Introduction	The stated aim in the introduction of this standard. <i>This document has been written so that it is suitable to be referenced in the UN Model Regulations</i>  The stated intention is for inclusion in the UN Model Regulations therefore if this standard is to be referenced in RID/ADR then only certain clauses will need to be included or excluded. As an example Annex A (informative).	Align text – references with RID/ADR or if referenced in RID/ADR then only certain sections will need to be taken over or excluded.		Comment not supported by the WG Standard
UK 1	General	The CEN Consultant has put a cross in the box for NOT supporting this standard but gives no reason for such a decision. Is this a slip of the fingers/mouse?			No comment
UK 2	General	The comment DT 1 is not accepted by the UK: section 6.2.2 is separate from section 6.2.3, so that a standard referenced in section 6.2.2 is not applicable in the 6.2.3 or 6.2.4 except where specifically referred to in in those sections. Also, the UN Model Regulations as applied by RID/ADR are usually two years behind and will be in this case, so referencing is needed in full in the RID/ADR.			See DT1

UK 3	General	The reference should appear in 6.2.4.2 and Note 3 of 6.2.3.5.1. The applicable paragraph is 6.2.3.5.1, but this is not needed for referencing in the table of 6.2.4.2. A transition provision will be required e.g. in 1.6.2 for Note 3 to allow continued use of ENs 1968 and 1802 until 31 December 2022. A suggested text is given in the next column.	1.6.2.x The requirements of Note 3 of 6.2.3.5.1 applicable as from 1 January 2017 may continue to be applied until 31 December 2022.		1.6.2.x The requirements of Note 3 of 6.2.3.5.1 applicable until 31 <sup>st</sup> December 2020 may continue to be applied until 31 December 2022.
UK 4	B.1	Clause B.1 states “The wall thickness may be less than the minimum guaranteed wall thickness, when authorized by the competent authority taking into consideration the severity of the defect and safety factors.” This contradicts the widely-held view that the walls of cylinders and tubes shall <u>never</u> be less than the minimum design thickness.	The Standards WG may consider adding a Note to the reference such as; “ <b>NOTE:</b> Notwithstanding Clause B.1, all cylinders and tubes whose wall thickness is less than the minimum design thickness shall be rejected.”		Proposed note accepted in 6.2.4.2.  Equivalent note required for Note 3 in 6.2.3.5.1 as follows. <i><b>NOTE 3:</b> The check of 6.2.1.6.1 (b) and the hydraulic pressure test of 6.2.1.6.1 (d) may be replaced by ultrasonic examination carried out in accordance with EN ISO 18119:[2018] for cylinders and tubes of seamless steel or seamless aluminium alloy. Notwithstanding clause B.1 of this standard, all cylinders and tubes whose wall thickness is less than the minimum design thickness shall be rejected.</i>
<b>Decision of the STD’s WG:</b>		<b>Accepted</b> Refused Postponed	Comments	Proposed transition regulation	Applicable
				EN 1968	Until 31 December 2022



			EN 1802	Until 31 December 2022
			EN ISO 18119	Mandatorily from 1 January 2023

Dispatch 1

<b>FprEN ISO/FDIS 13769:2018</b>		<b>Gas cylinders - Compressed gas cylinders and tubes - Stamp marking</b>		<b>Where to refer in RID/ADR ?</b>	<b>Applicable sub-sections and paragraphs:</b>
WI 00023185					
Positive assessment by Consultant provided.					
<b>Comments from members of the Joint Meeting:</b>					
Country	Clause No.	Comment (justification for change)		Proposed change	Comment from CEN Consultant
UK 1	General	Standards for marking are not suitable for referencing in international TDG regulations			
F		Standard not relevant for TDG purpose			
<b>Decision of the STD's WG:</b>		Accepted <b>Refused</b> Postponed		Proposed transition regulation	Applicable for new type approvals or for renewals
					Latest date for withdrawal of existing type approvals

Dispatch 1

<b>FprEN 14596</b>		<b>Tanks for transport of dangerous goods - Service equipment for tanks - Emergency pressure relief valve</b>		<b>Where to refer in RID/ADR</b>	<b>Applicable sub-sections and paragraphs:</b>
WI 00296091					

Assessment by CEN Consultant provided.						
<b>Comments from members of the Joint Meeting:</b>						
Country	Clause No.	Comment (justification for change)		Proposed change	Comment from CEN Consultant	Comment from WG Standards
UK	General	The Standards WG discussed this standard in September 2017 and on the recommendation of the Tanks WG (see INF.46 paras. 25 to 27) agreed not to recommend referencing this standard since there are differing national practices. See INF. 53 of the September 2017 Joint Meeting. The 2005 version of this standard was also not referenced in RID/ADR.				
D		This standard should not be referenced in ADR. Reason: See Report of Working Group on Tanks (21 September 2017), INF.46, Item 10				
F		Standard not relevant for our WG for time being				
<b>Decision of the STD's WG:</b>		Accepted	Comments	Proposed transition regulation	Applicable	
		<b>Refused</b>				
		Postponed				

## Dispatch 1

<b>FprEN 12807</b>	<b>LPG equipment and accessories - Transportable refillable brazed steel cylinders for liquefied petroleum gas (LPG) - Design and construction</b>	<b>Where to refer in RID/ADR</b> 6.2.4.1	<b>Applicable sub-sections and paragraphs:</b> 6.2.3.1 and 6.2.3.4
WI 00286173			
Assessment by Consultant provided (positive)			

Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
UK 1		The previous version shall be applicable for new approvals and renewals until 31 December 2022.			
		No other comment			
<b>Decision of the STD's WG:</b>	<b>Accepted</b> 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 2009 and 31 December 2022	
			<b>EN 12807 [2019]</b>	Until further notice	

Dispatch 1

<b>EN 12493:2013+A1_2014_prA2-2018</b>	<b>LPG equipment and accessories - Welded steel pressure vessels for LPG road tankers - Design and manufacture</b>	<b>Where to refer in RID/ADR</b> 6.8.2.6.1	<b>Applicable sub-sections and paragraphs:</b> 6.8.2.1.and 6.8.2.5, 6.8.3.1, 6.8.3.5 6.8.5.1 to 6.8.5.3		
WI 00286174					
Assessment by Consultant provided (positive)					
<b>Comments from members of the Joint Meeting:</b>					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
UK 1	General	This standard is already published i.e. it's dated 2018. The previous version shall be applicable for new approvals and renewals no later than 31 December 2022. An earlier date is possible.			

UK 2	Annex C	Annex C to be excluded from the reference as with previous versions.					
UK3	1 Scope	The scope contains the following note. NOTE 1 In the context of this standard the term "road tanker" is understood to mean "fixed tanks" and "demountable tanks" as defined in ADR.			Suggest this makes inclusion of the similar note in references of the previous versions of this standard redundant.		WG suggest to omit the NOTE concerning the meaning of 'Road tanker' for this entry.
<b>Decision of the STD's WG:</b>	<b>Accepted</b> Refused Postponed	Comments			Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
					12493:2013+A1_2014 + AC 2015 (except Annex C)	Between 1 January 2017 and 31 December 2022	
					12493:2013+A1_2014 + A2 :_2018 (except Annex C)	Until further notice	

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

None identified