

## **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**

**12 September 2019**

Geneva, 17–27 September 2019

Item 3 of the provisional agenda

**Standards**

### **Information on work of the Working Group on Standards**

#### **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-CENELEC Management Centre (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 1 dispatch on 25 May 2019 for consideration by the Working Group. No independent assessment was provided.

3. The Chair of the Working Group of Standards had 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 Chair asked the Working Group on Standards to agree to amend these references so that EN ISO standards are referenced consistently.

4. Proposals for amendment of 4.1.6.15 are given at the end of the Annex of this paper as agreed by the Working Group on Standards. The principle adopted is to reference the EN ISO version wherever one exists.

5. The Annex shows the results of the teleconference of the Working Group on Standards held on 3 September 2019.

#### **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](mailto:macarreira@cencenelec.eu)) – **till 15<sup>st</sup> June 2019**. It is foreseen to organize ad hoc web-conferences in order to review those comments second beginning 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+A1:2018/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						
<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>		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: 6.8.2.6.1 (ADR)	Applicable sub-sections and paragraphs: 6.8.2.1, 6.8.2.5, 6.8.3.1, 6.8.3.5, 6.8.5.1-6.8.5.3	
00286194						
Assessment by Advisor awaited						
<b>Comments from members of the Joint Meeting:</b>						

					Comment from WG Standards
<b>Decision of the STD's WG:</b>	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: 6.2.4.1 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					
<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>	Accepted Refused Postponed	Comments			

Dispatch 1

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

Dispatch 1

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

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

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

Dispatch 1

<b>FprEN 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 1100 MPa</b>	<b>Where to refer in RID/ADR 6.2.4.1</b>	<b>Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4</b>		
00023197						
Assessment by Advisor awaited						
Enquiry draft discussed by STD's WG in						
<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>	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

<b>FprEN 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 1100 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	
00023197					
Assessment by Advisor awaited					
Enquiry draft discussed by STD's WG in					
<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>	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	

<b>FprEN ISO 9809-3</b>		<b>Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 3: Normalized steel cylinders and tubes</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		
00023199						
Assessment by Advisor awaited						
Enquiry draft discussed by STD's WG in						
<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		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

<b>EN ISO 10462:2013/prA1 00023207</b>		<b>Gas cylinders - Acetylene cylinders - Periodic inspection and maintenance - Amendment 1 (ISO 10462:2013/DAM 1:2018)</b>		<b>Where to refer in RID/ADR 6.2.4.2</b>	<b>Applicable sub-sections and paragraphs: Not required</b>
Assessment by Advisor awaited					
Enquiry draft discussed by STD's WG in					
<b>Comments from members of the Joint Meeting:</b>					
Country	Clause No.	Comment (justification for change)		Proposed change	Comment from CEN Consultant
<b>Decision of the STD's WG:</b>		<b>Accepted</b> 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

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						
<b>Comments from members of the Joint Meeting:</b>						
Countr y	Clause No.	Comment (justification for change)		Proposed change	Comment from CEN Consultant	Comment from WG Standards
<b>Decision of the STD's WG:</b>		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)**

No new supporting standard.

### **Amendments to 4.1.6.15 proposed by the Working Group on Standards**

The Chairman pointed out an inconsistency in the way EN ISO standards were referenced in the table in 4.1.6.15. Following a discussion in the teleconference, it was decided to refer to EN ISO standards whenever they existed. This led to the following amendments in the table.

1. Replace the reference to ISO 11114-2:2013 with

EN ISO 11114-2:2013	Gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 2: Non-metallic materials
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2. Replace the reference to ISO 11621:1997 with

either ISO 11621:1997 or EN ISO 11621:2005	Gas cylinders – Procedures for change of gas service
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3. In reference to ‘Annex A of EN ISO 10297:2006 or annex A of EN ISO 10297:2014 or annex A of EN ISO 10297:2014 + A1:2017 delete “**NOTE:** *The EN version of this ISO standard fulfils the requirements and may also be used.*”
4. In the row of the table starting 4.1.6.8 (b) replace “either ISO 11117:1998 or ISO 11117:2008 + Cor 1:2009” with “either ISO 11117:1998 or EN ISO 11117:2008 + Cor 1:2009”
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