

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, 14 March to 18 March 2022

Item 3 of the provisional agenda

Standards

31 January 2022

Comments and decisions of the Working Group on Standards

Transmitted by the European Committee for Standardisation (CEN)

Introduction

This paper lists the summary comments of the Joint Meeting Standards Advisor and the comments of the Working Group of Standards. It also records the decisions taken at the virtual meeting held on 24 January 2022.

Annex

A. Standards at Stage 2: Submitted for Public Enquiry

Dispatch 4

prEN 14841 rev 00286219		LPG equipment and accessories - Discharge procedures for LPG rail tankers		Where to refer in RID: 1.4.3.3 , 1.4.3.7	Applicable sub-sections and paragraphs: TBA 1.4.1.1, 1.4.1.2, 1.4.3.3, 1.4.3.7, 4.3.3.4
Assessment of the JMSA: this standard is suitable for referencing in the RID					
Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from JMSA	Comment from WG Standards
UK	Whole standard	Suggested reference: add the following sentence to the NOTE in 1.4.3.3 of RID only	“EN 14841 provides guidance on filling tank-wagons with LPG.”		
UK	Whole standard	Suggested reference: add the following sentence to the NOTE in 1.4.3.7 of RID only	“EN 14841 provides guidance on unloading LPG from tank-wagons.”		
Decision of the STD's WG:			Comments		

Dispatch 5

prEN 14334 rev 00286220		LPG equipment and accessories - Inspection and testing of LPG road tankers		Where to refer in RID/ADR 6.8.2.6.2	Applicable sub-sections and paragraphs: 6.8.2.4 (except 6.8.2.4.5), 6.8.3.4.2, and 6.8.3.4.9
Assessment of the JMSA: This standard is not compliant with the ADR and should not be approved for inclusion in the referenced standards unless the non-compliance is resolved.					
Comments from members of the Joint Meeting:					

Country	Clause No.	Comment (justification for change)	Proposed change	Comment from JMSA	Comment from WG Standards
UK		The JMSA has identified a non-conformity in PRV testing in Clause 5 Table 1.			Non-conformity to be corrected
Decision of the STD's WG:		Comments Standard still at prEN stage, not yet a candidate for referencing			

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

Dispatch 1

FprEN 12245		Transportable gas cylinders - Fully wrapped composite cylinders	Where to refer in RID/ADR 6.2.4.1	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4	
00023214					
Assessment of the JMSA: this standard can be approved for inclusion in the ADR					
Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from JMSA	Comment from WG Standards
UK		I recall that the WG proposed that the existing reference be forbidden for LPG. The proposal was recorded in square brackets since Italy asked for time to study the impact. Does this WG need to do anything further?			The note has been accepted
UK	4.1	This clause forbids type 5 cylinders manufactured from two or more parts joined together.			
Decision of the STD's WG:		Comments Agree on the referencing for pressure receptacles excluding LPG "Note: This standard shall not be used for gases classified as LPG."	Proposed transition regulation EN 12245:2009 + A1:2011	Applicable for new type approvals or renewals Between 1 January 2013 and 31 December 2024	Latest date for withdrawal of existing type approvals

			EN 12245:[2022]	Until further notice	
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Dispatch 1

FprEN 14427		LPG equipment and accessories - Transportable refillable composite cylinders for LPG - Design and construction		Where to refer in RID/ADR 6.2.4.1	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4	
00286198						
Assessment of the JMSA: this standard can be approved for inclusion in the ADR						
Comments from members of the Joint Meeting:						
Country	Clause No.	Comment (justification for change)		Proposed change	Comment from JMSA	Comment from WG Standards
Decision of the STD's WG:		Comments Agreed for referencing		Proposed transition regulation	Applicable for new type approvals or renewals	Latest date for withdrawal of existing type approvals
				EN 14427:2014	Between 1 January 2015 and 31 December 2024	
				EN 14427:[2022]	Until further notice	

Dispatch 4

FprEN 12252		LPG equipment and accessories - Equipping of LPG road tankers		Where to refer in ADR 6.8.2.6.1	Applicable sub-sections and paragraphs: 6.8.3.2 and 6.8.3.4.9	
00286213						
Assessment of the JMSA: this standard can be approved for inclusion in the ADR						
Comments from members of the Joint Meeting: no comment						
Country	Clause No.	Comment (justification for change)		Proposed change	Comment from JMSA	Comment from WG Standards

Decision of the STD's WG:	Comments Agree on referencing with a "NOTE: Safety valves are mandatory from 1 January 2024." Also the calculation of the safety valve capacity needs to be corrected.	Proposed transition regulation	Applicable for new type approvals or renewals	Latest date for withdrawal of existing type approvals
		EN 12252:2014	From 1 January 2017 to 31 December 2024	
		EN 12252:[2022]	Until further notice	

FprEN 14912	LPG equipment and accessories - Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders		Where to refer in RID/ADR P 200, (12) 3.4; 6.2.4.2	Applicable sub-sections and paragraphs: 6.2.3.5	
00286211					
Assessment of the JMSA: this standard can be approved for inclusion in the ADR					
Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from JMSA	Comment from WG Standards
D	5.4.3	We don't agree with the option of a batch test for pressure relief valves fitted to cylinders not having a 15 year periodic inspection interval and not older than 15 years as given in 5.4.3 of the standard. In our opinion, a 100 % test is always necessary and shall not depend on the periodic inspection interval and we don't see how the proposed batch test can be practically carried out in the field with the requirement that a "batch is specified defined as a monthly production of valves done by a single manufacturer with a same valve design."			Comment withdrawn
UK	5.4.3	The UK agrees that clause 5.4.3 shall not be used. Batch testing is inappropriate for equipment in service	Clause 5.4.3 shall be excluded from this reference.		Comment withdrawn
UK		In RID/ADR P200, (12) 3,4 replace the 2005 version of this standard with "EN 14912:2022 (excluding clause 5.4.3)". Add a transition	"In P200 (13) 3.4, EN 14912:2005 may continue to be used for valve refurbishing		Agreed

		provision in 1.6.2 allowing the use of EN 14912:2005 until 31 December 2024	or inspection until 31 December 2024.”		
Decision of the STD's WG:		Comments Agree referencing including clause 5.4.3 following detailed discussion in the WG	Proposed transition regulation	Applicable	
			EN 14912:2005	Until 31 December 2024	
			EN 14912:[2022]	Mandatorily from 1 January 2025	

EN ISO 17871:2020	Gas cylinders - Quick-release cylinder valves - Specification and type testing		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	
00023217					
Assessment of the JMSA: this standard can be approved for inclusion in the ADR					
Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from JMSA	Comment from WG Standards
Decision of the STD's WG:		Agreed	Proposed transition regulation	Applicable for new type approvals or renewals	Latest date for withdrawal of existing type approvals
			EN ISO 17871:2015 + A1:2018	Between 1 January 2021 and 31 December 2024	
			EN ISO 17871:2020	Until further notice	

FprEN ISO 14246	Gas cylinders - Cylinder valves - Manufacturing tests and examinations		Where to refer in RID/ADR 6.2.4.1 for closures	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4	
00023234					
Assessment of the JMSA: this standard can be approved for inclusion in the ADR					

Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from JMSA	Comment from WG Standards
Decision of the STD's WG:		Agreed referencing	Proposed transition regulation	Applicable for new type approvals or renewals	Latest date for withdrawal of existing type approvals
			EN ISO 14246:2014 + A1:2017	Between 1 January 2019 and 31 December 2024	
			EN ISO 14246:[2022]	Until further notice	

EN ISO 23826:2021	Gas cylinders - Ball valves - Specification and testing	Where to refer in RID/ADR	Applicable sub-sections and paragraphs:		
00023235		6.2.4.1 for closures 6.8.2.6.1 for equipment	6.2.3.1 and 6.2.3.3 6.8.2.1.1 and 6.8.2.2.1		
Assessment of the JMSA: this standard can be approved for inclusion in the ADR					
Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from JMSA	Comment from WG Standards
Decision of the STD's WG:		Agreed referencing	Proposed transition regulation	Applicable for new type approvals or renewals	Latest date for withdrawal of existing type approvals
			EN ISO 23826:2021	Mandatorily from 1 January 2025	

FprEN ISO 22434:2022		Gas cylinders - Inspection and maintenance of valves		Where to refer in RID/ADR 6.2.4.2, P200 (13) 3.4	Applicable sub-sections and paragraphs: 6.8.2.1	
00023220						
Assessment of the JMSA: This standard can be approved for inclusion in the ADR						
Comments from members of the Joint Meeting:						
Country	Clause No.	Comment (justification for change)		Proposed change	Comment from JMSA	Comment from WG Standards
Decision of the STD's WG:		Agreed referencing		Proposed transition regulation	Applicable for new type approvals or renewals	Latest date for withdrawal of existing type approvals
				EN ISO 22434:2011	Until 31 December 2024	
				EN ISO 22434:2022	Mandatorily from 1 January 2025	

EN 13094:2020/prA1		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	
00296111						
Assessment of the JMSA: This standard can be approved for inclusion in the ADR						
Comments from members of the Joint Meeting:						
Country	Clause No.	Comment (justification for change)		Proposed change	Comment from JMSA	Comment from WG Standards
UK	General	The JMSA second assessment states this standard is now compliant with RID/ADR				

Decision of the STD's WG:		Agreed referencing	Proposed transition regulation	Applicable for new type approvals or renewals	Latest date for withdrawal of existing type approvals
			EN 13094:2015	Between 1 January 2017 and 31 December 2024	
			EN 13094:2020 + A1:[2022]	Until further notice	

EN ISO 18119:2018/A1:2021	Gas cylinders - Seamless steel and seamless aluminium-alloy gas cylinders and tubes - Periodic inspection and testing - Amendment 1 (ISO 18119:2018/Amd 1:2021)		Where to refer in RID/ADR: 6.2.4.2	Applicable sub-sections and paragraphs: (6.2.3.5)	
00023228			Assessment by the JMSA: Positive assessment by the JMSA: ISO 18119:2018/Amd.1:2021 is suitable for referencing in the ADR if the wording "Notwithstanding clause B.1 of this standard all cylinders and tubes whose wall thickness is less than the minimum design wall thickness shall be rejected" is included as a note against the reference.		
Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from JMSA	Comment from WG Standards
UK	General	The amendments proposed are compatible with RID/ADR			
Decision of the STD's WG:		Accepted for referencing with the existing note on clause B.1	Proposed transition regulation	Applicable for new type approvals or renewals	Latest date for withdrawal of existing type approvals
			18119:2018	Until 31 December 2024	
			18119:2018 + A1:2019	Mandatorily from 1 January 2023	

prEN 14025 rev		Tanks for the transport of dangerous goods - Metallic pressure tanks - Design and construction	Where to refer in RID/ADR: 6.8.4 TT11, 6.8.2.6.1 for tanks	Applicable sub-sections and paragraphs: 6.8.2.1 and 6.8.3.1		
00296106						
Assessment of the JMSA: made on the previous ENQ version (2021-06-25): "This standard has one minor discordance with the ADR and if corrected can be approved for inclusion in the referenced standards".						
Comments from members of the Joint Meeting: Note: new version submitted to ENQ						
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from JMSA	Comment from WG Standards	
UK	General	Agree the JSMA assessment of 20 th December 2021				
Decision of the STD's WG:		Comments Agreed for referencing with wording as suggested by the JMSA in his assessment of 20 th December	Proposed transition regulation	Applicable for new type approvals or renewals	Latest date for withdrawal of existing type approvals	
			EN 14025:2018 + A1:2020	Between 1 January 2021 and 31 December 2024		
			EN 14025:[2022]	Until further notice		

Reviewing a Decision of September 2020

EN ISO 21029-2:2015 replacing EN 1251-3:2000 which has been withdrawn

The Joint Meeting Working Group on standards has been informed that the EN 1251-3:2000 which is referenced in RID/ADR 6.2.4.2 was withdrawn in 2015, being replaced by EN ISO 21029-2:2015. The new standard has a non-conformity with RID/ADR so reference was declined at the meeting in September 2020. France asked for this matter to be reconsidered in view of the difficulty of working with a withdrawn standard. It was agreed to reference EN ISO 21029-2:2015 with a note to cancel the non-conformity on the frequency of periodic inspection and testing of PPRVs.

NOTE to be added: "Notwithstanding clause 14 of this standard, pressure relief valves shall be periodically inspected and tested at intervals not exceeding 5 years."