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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, 23–27 March 2015 Item 3 of the provisional agenda Standards

Information on work in progress in CEN

Transmitted by the European Committee for Standardisation (CEN)^{1,2}

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.

2. This advice was interrupted for the last session following the difficulties of the European Commission in funding the consultancy services. (See paragraphs 13 - 15 of the last report ECE/TRANS/WP.15/AC.1/136 and informal document INF.3 submitted by CEN). As a consequence, a larger number of items deserve attention and discussion by the Working Group on Standards during this session.

² Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2015/14.



¹ In accordance with the programme of work of the Inland Transport Committee for 2014–2015 (ECE/TRANS/240, para. 100, ECE/TRANS/2014/23, cluster 9, para.9.2).

I. New CEN Enquiry procedure - 3 Month enquiry with weighted vote and optional FV for CEN home- grown projects

3. Focussed on improving mechanisms and procedures for developing EN standards and following similar changes of the related ISO procedures and prompted by European Commission Communication COM(2011)311 asking for a 50% reduction of the average standards developing time CEN has adopted a new Enquiry procedure (CEN/BT Decision 35/2014). Its implementation will start on 1 January 2015 and applies to all incoming drafts as from 23 October 2014.

- 4. Compared with the status quo it includes the following changes:
 - Enquiry stage becomes in effect a weighted vote.
 - CEN Members respond to vote: YES, NO, ABSTAIN.

(The assessments of the CEN Consultant will also need to decide on yes or no at this stage. The CEN/TC considers comments and launches 1 month ballot for decision to skip FV).

- Approval = 71% positive weighted vote & simple majority.
- Enquiry period is reduced from 5 to 3 months.
- Depending on the outcome of the enquiry the CEN/TC can decide to skip the Formal Vote and go straight to publication.

5. These changes affect the cooperation between Joint Meeting and CEN and the agreed cooperation procedures, in particular with respect to the timing of comments from Joint Meeting/ WG Standards and CEN timetables. The role of telephone conferences will become paramount. As soon as the amended CEN procedures are available in writing the consultant will check the adequacy of the cooperation procedures and will then come up with suggested amendments of the cooperation procedures, if needed.

II. Contractual situation of the CEN Consultant

6. At the end of 2014, CEN has recruited Mr David Teasdale in order to take over from Mr. Karol Wieser. Despite both consultants had the possibility to work together and transfer knowledge, there were not enough resources available to resorb the backlog of work created by the seven months interruption of EC funding to CEN early in 2014. Moreover, at this stage EC has not yet indicated to CEN what budget will be available for 2015 and a new interruption of the work is foreseen early 2015.

CEN take this opportunity to warmly thank Mr. Karol Wieser for the excellent work he has provided during the last 8 years.

7. CEN has therefore prepared 3 dispatches: Dispatch 1 and 2 include assessments of the drafts. Dispatch 3 contains only the standards without assessments. A Dispatch 4 could also be made available in January 2015 containing General Purpose Standards.

III. New work items

8. 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, and 296. Additional CEN standards which are already referenced in RID/ADR/ADN have been decided to be reviewed. Not all of them are considered candidates for reference in these regulations.

9. The Members of the Joint Meeting are invited to advice their experts to take part in the drafting and revision process of these work items via their national standardization bodies.

Responsible standardizing body	Work item No.	Reference	Title
CEN/TC 23	00023178	prEN ISO 24431	Gas cylinders - Cylinders for compressed and liquefied gases (excluding acetylene) - Inspection at time of filling
CEN/TC 23	00023181	EN ISO 11114- 1:2012/prA1	Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials (ISO 11114- 1:2012)
CEN/TC 23	00023182	prEN ISO 11114- 4 rev	Transportable gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 4: Test methods for selecting metallic materials resistant to hydrogen embrittlement (ISO 11114-4:2005)
CEN/TC 23	00023184	prEN ISO 15996 rev	Gas cylinders - Residual pressure valves - General requirements and type testing (ISO 15996:2005)
CEN/TC 23	00023185	prEN ISO 13769 rev	Gas cylinders - Stamp marking
CEN/TC 23	00023187	prEN ISO 18119	Gas cylinders - Seamless steel and aluminium-alloy gas cylinders Periodic inspection and testing
CEN/TC 23	00023189	prEN ISO 10156 rev	Gases and gas mixtures - Determination of fire potential and oxidizing ability for the selection of cylinder valve outlets
CEN/TC 286	00286165	prEN 1439 rev	LPG equipment and accessories - Procedure for checking LPG cylinders before, during and after filling
CEN/TC 286	00286166	prEN 13952 rev	LPG equipment and accessories - Filling procedures for LPG cylinders
CEN/TC 296	00296083	prEN 13082 rev	Tanks for transport of dangerous goods Service equipment for tanks Vapour transfer valve

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

IV. New and amended references to standards

10. Since the session of March 2014, 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 3).

11. Due to budgetary constrains explained above, Members of the Joint Meeting may send their comments using the model reproduced in the annex hereto (English only) <u>exclusively</u> to CCMC (tlegrand@cencenelec.eu) before 16th February 2015 and when the situation is rectified in relation to CEN consultant, the comments will be dealt with in an appropriate manner.

All comments will be consolidated in a separate document and be provided to the Joint Meeting. If the situation related to CEN consultants is rectified before the March session a CEN consultant will be able to attend the Joint Meeting.

Annex (English only)

A. Standards at Stage 2: Submitted for Public Enquiry

Dispatch 3

-	N 13807 023180	Transportable gas cylinders - Battery vehicles - Design, manufacture, identification and testing	Where to refer in RID/ADR:	Applicable sub-sections and paragraphs:		
Assessme	Assessment by CEN Consultant pending.					
Commer	Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards	

Dispatch 2

prEN ISO 20421-2	Cryogenic vessels - Large transportable vacuum-	Where to refer in RID/ADR:	Applicable sub-sections and paragraphs: (8242)(8242)(8244)
WI 268056	insulated vessels - Part 2: Operational requirements (ISO/DIS 20421-2:2013)	6.8.2.6.2	6.8.2.4.2, 6.8.2.4.3, 6.8.2.4.4 AND 6.8.3.

Assessment by CEN Consultant on 5.2.2014 (Dispatch 2)

Summary of conclusions

Major elements of the RID/ADR provisions related to the scope of the standard are not or not adequately covered by the standard.

One of the normative references - EN ISO 204421-1 - has the potential to conflict with RID/ADR. It needs to be assessed for compliance with RID/ADR prior to the approval of EN ISO 20421-2.

European modifications are required, if this standard is intended for reference in RID/ADR, chapter 6.8. If the standard should be limited to portable tanks acc. to RID/ADR chapter 6.7 then it is no candidate for reference.

Follow-up action by the Joint Meetings STD's WG

This draft standard shall be discussed as a candidate for reference in RID/ADR, paragraph 6.8.2.6.2 and related to paragraphs 6.8.2.4.2, 6.8.2.4.3, 6.8.2.4.4 and 6.8.3.

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Commer	Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards	

rev	SO 21013-3 7 16631 268060	Cryogenic vessels - Pressure-relief accessories for cryogenic service - Part 3: Sizing and capacity determination (ISO/DIS 21013-3:2014)	Where to refer in RID/ADR:	Applicable sub-sections and paragraphs:		
Assessme	Assessment by CEN Consultant pending.					
Commer	Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards	

Dispatch 2

prEN 1	1442 rev	LPG equipment and accessories - Transportable refillable welded steel cylinders for LPG - Design and	Where to refer in RID/ADR:	Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4
WI 2	286153	construction	6.2.4.1	

Assessment by CEN Consultant on 9.12.2014 (Dispatch 2)

Summary of conclusions:

This draft essentially complies with the related provisions of RID/ADR and doesn't include contradictory regulations. Improvements are recommended, in particular with respect to over-moulded cylinders. It can be promoted to the FV stage..

Follow-up action by the Joint Meetings STD's WG:

This standard needs to be discussed by the STD's WG as an addition to the existing reference to EN 1442:1998 +AC:1999, EN 1442: 1998 +A2:2005 and EN 1442:2006 + A1:2008 in RID/ADR 6.2.4.1, Table, and related to subsections 6.2.3.1 and 6.2.3.4.

Commer	Comments from members of the Joint Meeting:					
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards	

ĺ	prEN 1440	LPG equipment and accessories - Transportable	Where to refer in	Applicable sub-sections and paragraphs:
ŀ		refillable traditional welded and brazed steel	RID/ADR:	P200(8), (10) and (12) and 6.2.1.6 and 6.2.3.5
	WI 286154	Liquefied Petroleum Gas (LPG) cylinders - Periodic	4.1.4.1P200 (11) and	
		inspection	6.2.4.2	

Assessment by CEN Consultant on 29.10.2014 (Dispatch 1)

Summary of conclusions:

This draft is considered compliant with the text of RID/ADR 2015 in the sense of not- conflicting. Some amendments are suggested in the annexed template to be considered for further improvement. Given the fact that this assessment is submitted after the end of the enquiry these suggestions may be considered at the next revision of the standard.

Follow-up action by the Joint Meetings STD's WG:

This standard needs to be discussed by the STD's WG for reference in RID/ADR subsection 6.2.4.2, Table under "for periodic inspection and tests" and - in addition - in subsection 4.1.4.1, P200(11), Table, indicating (8), (10)v(2) and (12) as applicable requirements.

Comments from members of the Joint Meeting:

Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards

Dispatch 1

I chould inspection	prEN 16728 WI 286156	LPG equipment and accessories - Transportable refillable traditional LPG cylinders other than traditional welded and brazed steel cylinders - Periodic inspection	Where to refer in RID/ADR: 4.1.4.1P200(11) and 6.2.4.2	Applicable sub-sections and paragraphs: 6.2.1.6 and 6.2.3.5
		•	WI 286156refillable traditional LPG cylinders other than traditional welded and brazed steel cylinders -	WI 286156refillable traditional LPG cylinders other than traditional welded and brazed steel cylinders -RID/ADR: 4.1.4.1P200(11) and

Assessment by CEN Consultant on 3.11.2014 (Dispatch 1)

Summary of conclusions:

This draft, except for Annex E is considered compliant with the text of RID/ADR 2015 in the sense of not- conflicting. Some amendments are

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suggested in the annexed template to be considered for further improvement.

Follow-up action by the Joint Meetings STD's WG:

This standard needs to be discussed by the STD's WG for reference in RID/ADR subsection 6.2.4.2, Table under "for periodic inspection and tests" and – in addition – in subsection 4.1.4.1, P200(11), Table.

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	14595 rev	Tanks for transport of dangerous goods - Service	Where to refer in RID/ADR :	Applicable sub-sections and paragraphs:				
WI	296084	equipment for tanks - Pressure and vacuum breather device RID/ADR:						
No assess	No assessment by CEN Consultant provided							
Commer	Comments from members of the Joint Meeting:							
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards			

B. Standards at Stage 3: Submitted for Formal vote

Dispatch 3

FprEN ISO/FDIS 17871		Gas cylinders - Quick opening valves - Specification and type testing (ISO/DIS 17871:2014)		Where to refer in RID/ADR	Applicable sub-sections and paragraphs:		
WI	023179						
No asses	sment by CE	N Consultant	provided.				
Enquiry	draft not disc	ussed by STD	's WG				
Commen	nts from me	mbers of the	Joint Meeting:				
Country	Clause No.	Co	mment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards	
Decision of the STD's WG:		Accepted Refused Postponed	Refused		No transition regulation requ	ired.	

-	SO 21029-2 268061	Cryogenic vessels - Transportable vacuum insulated vessels of not more than 1 000 litres volume - Part 2: Operational requirements (ISO/DIS 21029-2:2014)	Where to refer in RID/ADR	Applicable sub-section	ons and paragraphs:		
No asses	No assessment by CEN Consultant provided.						
Enquiry	draft not disc	ussed by STD's WG					
Commen	nts from mer	nbers of the Joint Meeting					
CountryClause No.Comment (justification for change)Proposed changeComment from CEN ConsultantComment from CEN Standards							

	Decision of the STD's WG: Accepted Additional comments Postponed Postponed		No transition regulation required.			
Dispatch	n 3					
		valves for	pment and accessories - Pressure relief r transportable refillable cylinders for quefied Petroleum Gas (LPG)	Where to refer in ADR:	Applicable sub-sections and paragraph	
No asses	ssment by CE	N Consultant	provided.			
Enquiry	draft discusse	ed by STD's	WG in March 2013 with comments; suppor	ted for ref. in RID/ADR	and in valve std's. (see INF	.45)
Comme	nts from me	mbers of the	Joint Meeting:			
Country	Clause No.	Co	omment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
Decisior STD's V		Accepted Refused Postponed	Additi	onal comments		No transition regulation required.

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Dispatch							
FprE	CN 14912		oment and accessories - Inspection and nce of LPG cylinder valves at time of	Where to refer in RID/ADR	Applicable sub-sections and paragraphs:		
WI	286144		eriodic inspection of cylinders				
Assessm	ent by CEN (Consultant per	nding.				
FV draft	(WI 286151)	discussed by	STD's WG in September 2013 with comm	ents (see INF.22 rev).			
Commen	nts from mer	nbers of the .	Joint Meeting:				
Country	Clause No.	No. Comment (justification for change)		Proposed change	Comment from CEN Consultant	Comment from WG Standards	
Decision of the STD's WG:		Accepted Refused Postponed	Additi	onal comments		No transition regulation required	

-	15207:2014 296064	Tanks for the transport of dangerous goods - Plug/socket connection and supply characteristics for service equipment in hazardous areas with 24 V nominal supply voltage	Where to refer in RID/ADR	Applicable sub-secti	ons and paragraphs:			
No asses	sment by CE	N Consultant provided.						
Enquiry	Enquiry draft not discussed by STD's WG							
Commen	nts from mer	nbers of the Joint Meeting:						
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards			

Decision STD's W		Accepted Refused Postponed	Addi	itional comments		No transition regulation required
Dispatch	2					
•	N 13094 296066	Metallic	the transport of dangerous goods - tanks with a working pressure not g 0,5 bar - Design and construction	Where to refer in RID/ADR 6.8.2.6.1		ons and paragraphs: .2.1
Th ar Follow-u Th	nd can be app p action by th his standard n	lauses in FprE. roved. ne Joint Meetir needs to be disc	N 13094 rev contradicting the provisions Igs STD's WG cussed by the STD's WG as an addition t der "For tanks" and related to subsectio	o the existing references		
			ents by STD's WG in September 2013 (see INF.22 rev)		
Country	Clause No.		oint Meeting:	Proposed change	Comment from CEN Consultant	Comment from WG Standards
Decision STD's W		Accepted Refused	Additional comments	Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawa of existing type approval
		Postponed		EN 13094:2004	[Between 1 January 2005 and 31 December 2009]	
				EN 13094:2004 + AC:2008	[Between 1 January 2010 and 31 December 2016]	
				EN 13094 :2014	Until further notice	

Dispatch	2							
FprEN 1	12972:2014		sport of dangerous goods - Testing, and marking of metallic tanks	Where to refer in RID/ADR	Applicable sub-sections and paragraphs: 6.8.2.4 and 6.8.3.4			
WI 2	296067	mspection	and marking of metanic tanks	6.8.2.6.2	0.0.2.4 and 0.0.5.4			
Summary M of Aı Follow-u Th to Enquiry	y of conclusion ajor amendm ceditorial, tec- nnex to this as p action by the his standard r subsections of draft discuss	ns ents are needed hnical and gener ssessment. ne Joint Meetings needs to be discu 5.8.2.4 and 6.8.3.	ssed by the STD's WG as a replacement 4. nts by STD's WG in September 2012 (to be addressed for the p nt of the existing referenc	reparation of the FV text. D	Details are given in the		
Country	Clause No.	Comn	nent (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards		
Decision STD's W		Accepted Refused Postponed	Addit	ional comments		No transition regulation required		

C. Standards at Stage 4: Published standards

	6 509:2014 023165	transportabl includir liquefied	ble gas cylinders - Non-refillable, small le, steel cylinders of capacities up to and ng 120 ml containing compressed or l gases (compact cylinders) - Design, onstruction, filling and testing	Where to refer in RID/ADR: 6.2.6.4		ons and paragraphs: and 6.2.6.3		
Summary Ti un Follow-u Ti	 ^{FV} draft 2013-11-19 assessed by CEN Consultant on 13.1.2014, corr. 17.1.2014 (Dispatch 2) ^{FU} <i>Summary of conclusions</i> ^{FU} <i>There are a few non- compliances with the preliminary text of RID/ADR 2015 which render the FV draft unacceptable for approval and an unrestricted reference in RID/ADR.</i> ^{FO} <i>Follow-up action by the Joint Meetings STD's WG</i> ^{FO} <i>This standard needs to be discussed by the STD's WG as an additional entry to RID/ADR 6.2.6.4</i> 							
FV draft	discussed an	d postponed b	by STD's WG in March 2014 (see INF.20)					
Comme	nts from mei	nbers of the	Joint Meeting:					
Country	Clause No.	Co	omment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards		
Decision of the STD's WG:		Accepted Refused Postponed	Additie	onal comments		No transition regulation required		

EN 12	252:2014	LPG Equi	pment and accessories – Equipping of	Where to refer in	Applicable sub-sect	ions and paragraphs:
WI	286155		LPG road tankers	RID/ADR		
No asses	sment by CE	N Consultant	provided			
Enquiry	draft not disc	ussed by STD	's WG.			
Comme	nts from mer	nbers of the J	Joint Meeting:			
Country	Clause No.	Со	mment (justification for change)	Proposed change	Cmment from CEN Consultant	Comment from WG Standards
	Decision of the Accepted STD's WG: Refused Postpone		Additi	Additional comments No transition r require		
Dispatch	3					
	522:2014		ransport of dangerous goods - Service or tanks - Flame arresters for breather	Where to refer in RID/ADR	Applicable sub-sect	ions and paragraphs:
WI	296076		devices	6.8.2.6.1		
No asses	sment by CE	N Consultant	provided			
Enquiry	draft not disc	ussed by STD	's WG.			
Comme	nts from mer	nbers of the J	Ioint Meeting:			
Country	Clause No.	Co	mment (justification for change)	Proposed change	Cmment from CEN Consultant	Comment from WG Standards
					Consultant	Standards
					Consultant	Standards

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16	Decision of the STD's WG:	Accepted Refused	Additional comments	No transition regulation required
		Postponed		

Dispatch	5			-	-	
	432:2014 296069	Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals and liquefied gases - Product discharge and air inlet		Where to refer in RID/ADR 6.8.2.6.1	Applicable sub-sections and paragraphs: 6.8.2.2.1, 6.8.2.2.2 and 6.8.2.3.1.	
			valves			
No asses	sment by CEI	N Consultant	provided			
Enquiry	draft discusse	d with comm	ents by STD's WG in September 2013 (see	e INF.22 rev)		
Commen	nts from men	nbers of the J	Ioint Meeting:			
Country	Clause No.	Co	mment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
Decision STD's W		Accepted Refused	Additional comments	Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
		Postponed		EN 14432:2006	[Between 1 January 2006 and 31 December 2016]	
				EN 14432:2014	Until further notice	

Dispatch	3					
EN 14433:2014 WI 296080		Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals and liquefied gases - Foot valves		Where to refer in RID/ADR	Applicable sub-sections and paragraphs: 6.8.2.2.1, 6.8.2.2.2 and 6.8.2.3.1	
				6.8.2.6.1		
No asses	sment by CE	N Consultant	provided.	•		
Enquiry	draft discusse	ed with commo	ents by STD's WG in September 2013 (see	e INF.22 rev)		
Comme	nts from mer	nbers of the J	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	Additional comments	Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
				EN 14433:2006	[Between 1 January 2006 and 31 December 2016]	
				EN 14433:2014	Until further notice	