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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, 13–17 March 2017

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. 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 started on 1 January 2015 and applies to all incoming drafts since 23 October 2014.

* In accordance with the programme of work of the Inland Transport Committee for 2016-2017, (ECE/TRANS/2016/28/Add.1 (9.2)).

** Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2017/12.

3. 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 Formal Vote).
- Approval = 71% positive weighted vote and 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.
4. 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 the Joint Meeting Working Group on Standards and CEN timetables. The role of telephone conferences is now paramount. As soon as the amended CEN procedures are stabilized, CEN will come back with suggestion for amendments of the cooperation procedures and will then come up with suggested amendments of the cooperation procedures, if needed.

Activities during the last semester

5. CEN had prepared 2 dispatches which include assessments of the drafts. A Dispatch 3 could also be made available in January 2017 containing General Purpose Standards.

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 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.

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	00023200	prCEN/TR 14473 rev	Transportable gas cylinders - Porous materials for acetylene cylinders
CEN/TC23	00023201	EN ISO 11118:2015/prA1	Gas cylinders - Non-refillable metallic gas cylinders - Specification and test methods - Amendment 1
CEN/TC 286	00286177	EN 15202:2012/prA1	LPG equipment and accessories - Essential operational dimensions for LPG cylinder valve outlet and associated equipment connections

CEN/TC 286	00286180	EN 16728:2016/prA1	LPG equipment and accessories - Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders - Periodic inspection
CEN/TC 286	00286181	EN 1440:2016/prA1	LPG equipment and accessories - Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders - Periodic inspection
CEN/TC 286	00286183	prEN 13175 rev	LPG Equipment and accessories - Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings
CEN/TC 286	00286184	EN 13110:2012+A1:2017	LPG equipment and accessories - Transportable refillable welded aluminium cylinders for liquefied petroleum gas (LPG) - Design and construction

New and amended references to standards

8. Since the session of September 2016, 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).

9. Members of the Joint Meeting have already been invited to provide their comments on the documents listed in Dispatch 1 and 2. They still have the time to provide their comments to the CEN Consultant (david.teasdale@btinternet.com) before 16 January 2017. It is foreseen to organize ad hoc web-conferences in order to review those comments early February 2017 (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

prEN ISO DIS 15996		Gas cylinders - Residual pressure valves - Specification and type testing of cylinder valves incorporating residual pressure devices	Where to refer in RID/ADR:	Applicable sub-sections and paragraphs: P200	
WI 00023184					
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

Dispatch 1

prEN ISO DIS 18119		Gas cylinders - Seamless steel and seamless aluminium-alloy gas cylinders and tubes - Periodic inspection and testing	Where to refer in RID/ADR:	Applicable sub-sections and paragraphs: P200	
WI 00023187					
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

DT1	ed	Where t _{mc} is used in the text as the minimum wall thickness mc should be subscript.	Replace t _{mc} with t _{mc} throughout the text.		
DT2	Foreword (ed)	The sixth paragraph contains text in square brackets. <i>This second/third/... edition cancels and replaces the first/second/... edition (ISO 6406:2005, ISO 10461:2005), [clause(s) / subclause(s) / table(s) / figure(s) / annex(es)] of which [has / have] been technically revised.</i>	This paragraph should be 'tidied' up, and the square brackets etc. removed		
DT3	10.1 (ed)	<i>Neck cracks manifest themselves as lines that run down the thread across the thread faces (see Figure B.8.) Special attention should be paid to look for the presence of cracks at the area at the bottom of the last thread. They should not be confused with tap marks (tap stop marks). See Figure B.9.</i> Figure B.8 concerns; Maximum allowable imperfection sizes for all aluminium-alloy cylinders Figure B 9 concerns; Neck cracks	The references to the Figures in this section of the standard should be changed		
DT4	11.1 (ed)	<i>If the cylinder is not to be ultrasonically examined in accordance with 13.4.4.2.2 ...</i> Clause 13.4.4.2.2 deals with the Cylinder base	The reference should be changed.		
DT5	Figure 9 (ed)	The key symbol for automated and manual operation is the same.	The key symbols should be differentiated between automatic and manual operation or if they are the same state as such.		

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DT6	17.4.1 b) (ge)	b) the present test date to be shown as YYMM This is not in the same format as required by ADR/RID. <i>The date of the periodic inspection and test, the year (two digits) followed by the month (two digits) separated by a slash (i.e. "/"). Four digits may be used to indicate the year.</i>	b) the present test date to be shown as YY/MM or YYYY/MM		
DT7	B.1 General	After such a repair, the wall thickness shall be checked (see Clause 16), e.g. ultrasonically. Clause 16 refers to cylinder repairs not a check of wall thickness.			
DT8	Table B.1 ed	Dent The 'OR' section should be lined and aligned in column 3 and 4 as per 'Cut and gouge.'			
DT9	C.4.4. Eq C.2 ge	The unit F in equation C.2 is not defined.	Define the unit or change if for P		
DT10	Table E 1 ge	<i>Corrosion</i> <i>Tumble with aluminium oxide chips, pellets or glass beads</i> <i>Blasting (e.g. with glass beads) (see Clause 10)</i> Clause 10 refers to Inspection of cylinder neck so it is unclear as to the relationship with corrosion in the context of cleaning method.			

Dispatch 2

EN 12493_2013 + A1_2014 prA2	LPG equipment and accessories - Welded steel pressure vessels for LPG road tankers - Design and manufacture	Where to refer in RID/ADR:	Applicable sub-sections and paragraphs: 6.8.2.6.1, 6.8.4
WI 00286174			
Assessment by CEN Consultant to be provided (informal assessment provided on a first draft on 2016/07/22).			

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 or 4: Submitted for Formal vote or Published

Dispatch 1

EN ISO 11114-1_2012 FprEN A1	Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials - Amendment 1		Where to refer in RID/ADR	Applicable sub-sections and paragraphs: P200, 4.1.6.15, 6.2.2.2, 6.2.2.7.4, 6.2.2.9.2, 6.7.5.2.4	
WI 00023181					
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	, No transition regulation required.		

Dispatch 1

FprEN 13807_2016	Transportable gas cylinders - Battery vehicles and	Where to refer in	Applicable sub-sections and paragraphs:
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WI 00023180	multiple-element gas containers (MEGCs) - Design, manufacture, identification and testing		RID/ADR	6.8.3.6	
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
DT	6.3 (ge)	Note 2 ...Chapter ADR:2015, 6.8.3.5.10. Add 6.8.3.5.11 and 6.8.3.5.12	Note 2 ...Chapter ADR:2015, 6.8.3.5.10, 6.8.3.5.11 and 6.8.3.5.12		
DT	Annex B (ge)	The marking section contains elements of the Bundle marking requirements, although similar the wording is different to that used in 6.8.3.5.10 6.8.3.5.11 and 6.8.3.5.12 Also the terms Certification, Operational and Manufacturing Marks are not used with regard to plate markings. There is also no requirement to allow for the most recent periodic inspection date. It is also unclear as to how the requirements of and for battery-vehicles filled by mass: - unladen mass; - maximum permissible mass. and for MEGCs filled by mass: - tare. Are met in the marking requirements.	For consistency use the sequence of marking requirements in 6.8.3.5.10 6.8.3.5.11 and 6.8.3.5.12 with the addition of any explanation for clarification if necessary. Or simply refer to 6.8.3.5.10 6.8.3.5.11 and 6.8.3.5.12 and delete the Annex B.		
Decision of the STD's WG:		Accepted Refused Postponed	Comments	No transition regulation required.	

Dispatch 1

FprEN ISO 11114-4_2016	Transportable gas cylinders - Compatibility of cylinder and valve materials with gas contents -	Where to refer in RID/ADR	Applicable sub-sections and paragraphs: Not referred yet
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WI 00023182	Part 4: Test methods for selecting steels resistant to hydrogen embrittlement		??		
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	Comments	No transition regulation required.		

Dispatch 2

FprEN 1439	LPG equipment and accessories - Procedure for checking transportable refillable LPG cylinders before, during and after filling		Where to refer in RID/ADR	Applicable sub-sections and paragraphs: P200,	
WI 00286165					
Assessment by CEN Consultant to be provided.					
Enquiry draft discussed meeting 14-18 March 2016					
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	Additional comments			No transition regulation required.

Dispatch 2

FprEN 13952_2017		LPG equipment and accessories - Filling operations for LPG cylinders		Where to refer in RID/ADR	Applicable sub-sections and paragraphs:	
WI 00286166				??	Not referred yet	
Assessment by CEN Consultant to be provided						
Enquiry draft discussed meeting 14-18 March 2016						
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	Additional comments		Proposed transition regulation	Applicable for new type approvals or for renewals
						Latest date for withdrawal of existing type approvals

Dispatch 2

EN ISO 10297_2014 Fpr A1		Gas cylinders - Cylinder valves - Specification and type testing (ISO 10297:2014/FDAM 1:2016)		Where to refer in RID/ADR	Applicable sub-sections and paragraphs:	
WI 00023190						
Assessment by CEN Consultant pending						

Std version discussed meeting 17- 21 March 2014						
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:		12.3	Additional comments	Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals

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

Will be transmitted early 2017
