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, 19–23 September 2016
Item 3 of the provisional agenda
Standards

02 September 2016

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). It's implementation started on 1st January 2015 and applies to all incoming drafts since 23 October 2014.

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 3 dispatches which include assessments of the drafts. A Dispatch 4 could also be made available in September 2016 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	00023196	prEN ISO 14456	Gas cylinders - Gas properties and associated classification (FTSC) codes (ISO 14456:2015)
CEN/TC 23	00023197	prEN ISO 9809-1 rev	Gas cylinders and tubes - Refillable seamless steel gas cylinders and tubes - Design, construction and testing - Part 1: Quenched and tempered steel cylinders with tensile strength less than 1 100 MPa
CEN/TC 23	00023198	prEN ISO 9809-2 rev	Gas cylinders and tubes - Refillable seamless steel gas cylinders and tubes - Design, construction and testing - Part 2: Quenched and tempered steel cylinders with tensile strength greater than or equal to 1 100 MPa
CEN/TC 23	00023199	prEN ISO 9809-3 rev	Gas cylinders and tubes - Refillable seamless steel gas cylinders and tubes - Design, construction and testing - Part 3: Normalized steel cylinders
CEN/TC 286	00286174	EN 12493:2013+A1:2014/ prA	LPG equipment and accessories - Welded steel pressure vessels for LPG road tankers - Design and manufacture
CEN/TC 296	00296091	prEN 14596 rev	Tanks for transport of dangerous goods - Service equipment for tanks - Emergency pressure relief valve
CEN/TC 296	00296092	prEN 13317 rev	Tanks for transport of dangerous goods - Service equipment for tanks - Manhole cover assembly
CEN/TC 296	00296093		Tanks for transport of dangerous goods - Service equipment - Vapour manifold vent valve

New and amended references to standards

8. Since the session of March 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 3).

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 on Dispatch 3 documents to the CEN Consultant (david.teasdale@btinternet.com) before 6 July 2016. It is foreseen to organize ad hoc webconferences in order to review those comments early July 2016 (calendar of dates already agreed with JM Working Group on Standards. All comments will be consolidated in a separate document and be provided to the Joint Meeting.

10. In the contractual arrangement with CEN, the European Commission has restricted the activity of the CEN Consultant to 'Qualitative assessments'. This is in line with Art 15 1b of Regulation 1025/2012/EU:

"1. The financing by the Union may be granted to the European standardisation organisations for the following standardisation activities:

(a) the development and revision of European standards or European standardisation deliverables which is necessary and suitable for the support of Union legislation and policies;

(b) the verification of the quality, and conformity to the corresponding Union legislation and policies, of European standards or European standardisation deliverables;".

In those circumstances , the CEN Consultant is not allowed anymore to provide any activity in support to Art 15 1 (a). CEN therefore kindly ask the Joint Meeting to appoint a convenor for its Joint Meeting Working Group on Standards sessions (currently C. Jubb from UK).

11. The CEN-CENELEC Management Center (CCMC) will of course continue to support both the CEN Consultant and the Joint Meeting Working Group on Standards.

Annex [English only]

A. Standards at Stage 2: Submitted for Public Enquiry

Dispatch 1

prEN 13807 WI 00023180	**Transportable gas cylinders - Battery vehicles and multiple-element gas containers (MEGCs) - Design, manufacture, identification and testing**	**Where to refer in RID/ADR:** Replace EN 13807:2003	**Applicable sub-sections and paragraphs:** 6.8.3.6	
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
DT	Scope (Ed)	*This European Standard specifies the requirements for the design, manufacture, identification and testing of battery vehicles and multiple-element gas containers (MEGCs) containing cylinders, tubes or bundles of cylinders.* *This European Standard does not apply to battery vehicles and MEGCs containing pressure drums or tanks, or to multi-element gas containers (MEGCs).* There is a conflict between paragraph one of the scope applies to MEGCs and paragraph three does not apply to MEGCs	Clarify the position with regard to the applicability to MEGCs.		
DT	3.2 battery vehicle (Ed)	vehicle containing pressure receptacles which are linked to each other by a manifold and permanently fixed to a transport unit such … Change transport unit for vehicle.	vehicle containing pressure receptacles which are linked to each other by a manifold and permanently fixed to this vehicle such …		
DT	4.1 General (Ed)	*For battery vehicles and MEGDs which …* MEGD?	For battery vehicles and MEGCs which …		

DT	4.2.4.2 For MEGCs (Ed)	… *provide adequate protection pipework …*	… provide adequate protection for pipework …		
DT	4.3 Pressure receptacles (Ed)	*Pressure receptacles within a battery vehicle and MEGDs shall …* MEGD?	Pressure receptacles within a battery vehicle and MEGCs shall ..		
DT	4.4.2 (Ge)	*A pressure receptacle valve to isolate each individual cylinder or tube (see above) shall be fitted where the battery vehicle and MEGCs contains toxic gas.* ADR 6.8.3.2.25 Each element, including each individual cylinder of a bundle, intended for the carriage of toxic gases, shall be capable of being isolated by a shut-off valve.	The requirement to be able to isolate the element when carrying a toxic gas is not considered.		
DT	4.6.6 (Ge)	…it shall be design to…. .	…it shall be designed to… It may be advantageous to provide guidance on the set pressure of the relief device		
DT	4.6.6 (Ge)	Pressure relief devices may be used on battery-vehicles or MEGCs for non-toxic gases. 6.8.3.2.26 Battery-vehicles or MEGCs intended for the carriage of toxic gases shall not have safety valves, unless the safety valves are preceded by a bursting disc	The requirement to be able to have a safety valve preceded by a bursting disc when carrying a toxic gas is not considered		
DT	4.7.2 (Ge)	Example 1 and 2 with comment text. Not required	Delete Example 1 and 2		

DT	6.3 Battery vehicle filling identification (Ed)	There is no text associated with this section only two notes.	Add text to allow the notes to refer or reword the notes as text.		
DT	7 Type approval, inspection and testing (Ge)	This section does not consider all the requirements of 6.8.3.4.11 The initial inspection shall include: - a check of conformity to the approved type; - a check of the design characteristics; - an examination of the internal and external conditions; - a hydraulic pressure test10 at the test pressure indicated on the plate prescribed in 6.8.3.5.10; - a leakproofness test at the maximum working pressure; and - a check of satisfactory operation of the equipment.	Modify section 7. For example - an examination of the internal and external conditions; and - a check of satisfactory operation of the equipment. Is not considered.		
DT	7.3.2 (Ge)	*The test shall be carried out using the gas to be used for the initial service of the battery vehicle or MEGC under safe conditions, compressed air, nitrogen or helium test gas*. This requires clarification as what would be the test gas if the vehicle was to carry hydrogen?.			
DT	Annex B (Ge)	For a MEGC there is an additional requirement in 6.8.3.5.11. the tank code according to the certificate of approval (see 6.8.2.3.1) with the actual test pressure of the MEGC;	Add the additional requirement for a MEGC the tank code, the test pressure of the manifold may be different to the cylinders themselves.		All the comments above were taken into account by the CEN/TC 23 WG. The Chairman of the TC informed the convenor about some discrepancies in some of the definitions and marking concerning MEGCs

prEN ISO 10297:2014/DAM 1:2016 WI 00023190	Gas cylinders - Cylinder valves - Specification and type testing - Amendment 1: Pressure drums and tubes	Where to refer in RID/ADR:	Applicable sub-sections and paragraphs: P200, 4.1.6.15 and 6.2.4.1 (Note ask the JM to apply immediately the new Amdt !!)

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
DT	5.1 General (Ge)	*…in indoor and outdoor environments.* Consider providing guidance as to what is meant by these conditions with regard to the valve being leak tight.			
DT	5.5.2 Resistance to mechanical impact (Ed)	*… does not exceed Tf, see Table 1* 'f' should be subscript.	… does not exceed T_f, see Table 1		Accepted by TC 23 WG
DT	6.6.2 Valve test pressure (Ge)	In ISO 14246 For acetylene, test pressure equals 40−3 +0 bar This standard does not specify a particular test pressure for acetylene.			
DT	Table 3 Test 2 (Ge)	Flame impingement There is no indication as to what criteria is used to pass or fail a valve in this test.			Present in § 6
DT	Table 3 Test 13 (Ge)	In ISO 14246 for acetylene, internal and external leak tightness test with a minimum pressure of 60 bar. Not at Pvt as per this standard.			
DT	Figure F1 (Ed)	In the Figure 'a' is associated with the outlet line whilst 'b' is associated with a valve. Does 'a' refer to the test sample itself?			Accepted by TC 23 WG

Dispatch 1

prEN ISO 14246:2014/DAM 1:2016 WI 00023191		**Gas cylinders - Cylinder valves - Manufacturing tests and examinations - Amendment 1**	**Where to refer in RID/ADR:**	**Applicable sub-sections and paragraphs:** Not yet referred in RIDADR (Note ask the JM to apply immediately the new Amdt !!)	
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
DT	5.2 Valve Test (Ed)	*b) For liquefied gases, e.g. carbon dioxide, and dissolved gases, e.g. acetylene, p_{vt} shall be at least equal…* If the new c) is added c) "For acetylene, test pressure equals 40^{-3+0} bar." Then b) needs to be modified to remove acetylene.	*b) For liquefied gases, e.g. carbon dioxide, p_{vt} shall be at least equal…*		Accepted by the CEN/TC 23 WG

Dispatch 1

prEN ISO/DIS 10156:2016 WI 00023189	**Gas cylinders - Gases and gas mixtures - Determination of fire potential and oxidizing ability for the selection of cylinder valve outlets**	**Where to refer in RID/ADR:** Replace	**Applicable sub-sections and paragraphs:** 2.2.2.1.5	
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
DT	2.1 Terms and definitions (Ge)	'atmospheric pressure' is used throughout the standard it may be advantageous to define it. Annex A uses the term standard pressure. 'atmospheric conditions' is used throughout the standard it may be advantageous to define it.	Define atmospheric pressure and or atmospheric conditions.		
DT	3.1 General (Ge)	*The non-flammable mixtures defined by UN number shall overrule any classification done by calculation.* Clarify this sentence, if a mixture contains only non flammable components then it will be non flammable, no need to do a calculation. However if there is a flammable component(s) then it has to be calculated and the outcome decides whether the mixture is flammable or not and then the correct NOS entry is chosen.			
DT	3.2.5 (Ge)	….almost 0,1 % by volume for FL < 10 % and 0,2 % by volume for FL 10 %. Is the operator missing between the second FL and 10 %? Or is this absolute?.			
DT	Figure b) (Ed)	There is no piping connection between the three way valve and the container 10.			
DT	Figure 1 (Ed)	The Figure 1 text would be better before the examples of the equipment.			

DT	Table 2 a) (Ed)	Remove (end) at the end of the legend.			
DT	Example 2 Step 2 (Ed)	Is there a result missing? Only three shown, with four above.			The CEN/TC 23 WG amalgamated inert products values. This needs an explanation in the draft standard.
DT	5.1 General (Ed)	It is more common to have the NOTE under a block of text rather than directly under a sub heading.			

Dispatch 2

prEN ISO/DIS 13769:2016 WI 0023185	**Gas cylinders - Stamp marking**	**Where to refer in RID/ADR:** EN ISO 13769:2006	**Applicable sub-sections and paragraphs:** Not referred in RIDADR so far The Standards WG reviewed the 2006 version and decided to omit it from the regulations.		
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
DT	4.3 (Ge)	The UN *Model Regulations* distinguishes between different groups of stamp marks and give them an explicit place in the arrangement of certain markings. Recommend the wording is changed to be more in line with that used in the regulation.	The UN *Model Regulations* distinguishes between different groups of stamp marks and requires certain marks to appear in a specified		

			sequence.		
DT	Table 1 – 8 (Ge)	The regulation uses the terms identify mark or stamp.	Inspection stamp: Mark or stamp of the authorised inspection body		‘Identify’ should be read ‘identity’in the CEN consultant comment.
DT	Table 1 – 9 (Ge)	Initial test date The regulation uses the term ‘The date of the initial inspection’	The date of the initial inspection: Year (four digits) followed by the month (two digits) separated by a slash (i.e. “/”); Subsequent changes in the Figures.		
DT	Table 1 -10 (Ge)	The requirement for acetylene cylinders dissolved and solvent free is slightly different e.g. the rounding is down not up for example. Review the requirements for acetylene cylinders with regard to the weight of empty cylinders.	Consider the particular requirements for acetylene cylinders.		
DT	Table 1 – 25 (Ge)	This requirement is only normative and only for liquefied gases. This is a mandatory requirement if there is a limited design life and a composite cylinder, also why would this not apply to compressed gases?.	Clarify the requirement for this indication, or add an explanation.		
DT	Table 1 (Ed)	The headers above the notes could be removed.			
UK	General	The standard should follow the revised terminology in the RID/ADR: “marking” is only used for the process of applying a mark, not as a synonym for a mark.			
					Standard not to be referred in RIDADR

Dispatch 2

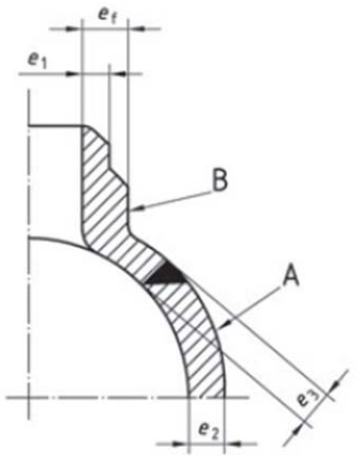
prEN ISO/DIS 17879:2016 WI 00023195	**Gas cylinders - Self-closing cylinder valves - Specification and type testing**	**Where to refer in RID/ADR:**	**Applicable sub-sections and paragraphs:** Not referred in RIDADR so far To be listed under closures in 6.2.4.1.	
Assessment by CEN Consultant provided				
Comments from members of the Joint Meeting:				
Country	Clause No.	Comment (justification for change)	Proposed change	Comment from CEN Consultant	Comment from WG Standards
DT	Fig 1 (Ge)	The drawings of the typical designs of valves would benefit from a key describing the different components of the valves.	Add a key to the drawings of the valves.		
DT	5.1 General (Ge)	*…in indoor and outdoor environments.* Consider providing guidance as to what is meant by these conditions with regard to the valve being leak tight.			
DT	5.6 Leakage (Ed)	…shall not exceed 6 cm3/h The ‘3’ should be superscript.	shall not exceed 6 cm^3/h		
DT	6.1.2 (Ge)	The examples e.g. in (e) and (f) contain elements that are not in this type of valve. Spindle thread pitch, spindle, gland nut etc.	The examples should be reviewed considering these types of valves in particular.		

Dispatch 2

prEN ISO/DIS 20421-2:2016 WI 00268056		**Cryogenic vessels - Large transportable vacuum-insulated vessels - Part 2: Operational requirements**	**Where to refer in RID/ADR:** Replace EN 13530-3:2002	**Applicable sub-sections and paragraphs:** Previous version not referred in RIDADR	
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
					It is suggested at this stage to refer only to § 15 of the standard The CEN/TC 268 WG group to consider including a statement that regulation takes precedence over standard

Dispatch 2

prEN ISO/DIS (2nd) 21028-2:2016 WI 00268063		**Cryogenic vessels - Toughness requirements for materials at cryogenic temperature - Part 2: Temperatures between -80 degrees C and -20 degrees C**	**Where to refer in RID/ADR:** REP EN 1252-2	**Applicable sub-sections and paragraphs:** 6.8.5.4	
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

DT	5.1 General (Ed)	*…calculated from TM using the values of TS given in 4.2.* There is no 4.2 in the standard, reference should be changed. *For the as-welded case with minimum yield strength in the range > 310 N/mm2 and ≤ 360 N/mm2, Figure 4 applies.* The legend on Figure 4 is 355 MPa not a range as per the text,			Editorial – accepted by the CEN/TC 268 WG
DT	Table 3 (Ed)	*Minimum TR values for base material < 10 mm thick and TKV = 20 °C* The 'R' and 'KV' should be subscript.			Editorial – accepted by the CEN/TC 268 WG
DT	Figure 4 (Ed)	This graph is in a different format to the others and is similar to that for Annex B, the design reference temperature appears to be lower than expected, for material impact test temperatures.			Editorial – accepted by the CEN/TC 268 WG
DT	Table 6 (Ed)	e_{3c} or $e\ e_f/4$ if thicker,  In the part B column there is $e\ e_f$ where there is no e in the construction detail.			Editorial – accepted by the CEN/TC 268 WG

DT	Table 6 (Ed)	The references to the Figures should be checked throughout the table. For example the second column for A-W, (as welded) calls up a check using Figure 1 or Figure 3, however these figures refer to Post weld heat treatment. There are instances where PWHT in the table refer to Figures that refer to the as welded condition. If this is correct recommend an explanation is added to the key for Table 6.			Editorial – accepted by the CEN/TC 268 WG

Dispatch 2

prEN 14564:2013/prA1 WI 00296088	**Tanks for transport of dangerous goods - Terminology**	**Where to refer in RID/ADR:**	**Applicable sub-sections and paragraphs:** Not referred in RIDADR so far	
Assessment by CEN Consultant provided – suggestion not to refer in RIDADR (see comments below)				
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	3.5 (Ge)	*3.5* *capacity* *total inner volume of shell or shell compartment construction* Capacity of shell or shell compartment is defined in RID/ADR.	This term should appear in Annex A		
DT	3.6 (Ge)	*3.6 (prA1 added)* *closure* *device which closes an opening of a tank* This definition is different to the one at *A.4* *closure* *device which closes an opening in a receptacle*	Review the definitions for closure and use one to include tank and receptacle.		

DT	Annex A (Ge)	It is understood that this document refers to RID/ADR 2013 however some of the definitions have changed in RID/ADR 2015 For example A30 and A32. It is recommended that the definitions are reviewed against RID/ADR 2015 and the Scope amended accordingly.			
DT	Annex A (Ge)	*A.3* *carriage in bulk* *carriage of unpackaged solids or articles in vehicles/wagons or containers* The term does not apply to packaged goods nor to substances carried in tanks. As this does not apply to tanks it is unclear as to why it is included in a Tanks for transport of dangerous goods – Terminology standard.	Remove the definition.		
DT	Annex A (Ge)	*A.10* *demountable tank* The definition in RID is different to that in ADR and should be considered.			
DT	Annex A (Ge)	*A.33* *solid* *means:* *d) for IBCs other than flexible IBCs: means the reinforcing, facening, handling, protective or stabilizing members of the body (including the base pallet for composite IBCs with plastics inner receptacle).* It is unclear as to why IBCs are included in a Tanks for transport of dangerous goods – Terminology standard.	Remove the reference to IBCs.		
DT	Annex A (Ge)	*A.35* *tank* *shell, including its service and structural equipment.* The definition in RID/ADR is different.	Amend the reference in accordance with RID/ADR.		

DT	Annex B (Ed)	The rows after B9 require attention as there is an issue with the formatting. The 6.7.2 column starts with Design Pressure on a row with no identifier as does B10 the next numbered row below. The separate row for 6.7.3 (- the absolute…) should be incorporated as a continuation of the applicable B9 row above.	Modify the table formatting.		
DT	Annex B (Ge)	*B11 Test Pressure* The definitions for 6.7.3 and 6.7.4 should be reviewed as they are not the same as 6.7.2.	Modify the reference.		
DT	Annex B (Ge)	*B18* The reference 6.7.2.3.3.3 only applies to 6.7.2, 6.7.3 refers to 6.7.3.3.3.3.	Modify the reference.		
DT	Annex B (Ge)	*B20* *design reference temperature* there is a definition in 6.7.3 for the design reference temperature which is not included in the table. The reference in 6.7.4 is for the minimum design temperature not for the design reference temperature.	Modify the reference.		
DT	Annex B (Ge)	*B23* The only reference for a fusible element is in 6.7.2, and not in 6.7.3.	Modify the reference.		
DT	Annex B (Ge)	*B24* The only reference for an offshore portable tank is in 6.7.2, and not in 6.7.3.	Modify the reference.		
DT	Annex C (Ed)	If Modifications to Clause 3, General terms *(prA1 added)* are made then the terms need to be included in Annex C.	Modify Annex C		

	Annex F (Fig F1) (Ge)	*Liquid and solid A-coded tanks (liquid/solid and gas phase)* 6.8.2.2.2 - an external stop-valve with piping The Figure shows an internal valve rather than the external stop valve.	The Figure should be checked against the requirements of 6.8.2.2.2 of ADR		
	Annex F (Fig F5) (Ge)	Liquid and gas phase for gas tanks for B-coded tanks 6.8.3.2.3 …the internal stop-valve with remote control may be replaced by a non-return valve for filling openings into the vapour phase of the tank only. The Figure shows the non return valve in the liquid phase of the tank.	The Figure should be checked against the requirements of 6.8.3.2.3 of ADR		
					Not to be referred in RIDADR as previously recommended

Dispatch 3

prEN ISO 15996 WI 00023184	**Gas cylinders - Residual pressure valves - Specification and type testing of cylinder valves incorporating residual pressure devices**	**Where to refer in RID/ADR:** EN ISO 15996:2005	**Applicable sub-sections and paragraphs:** P 200(13) + 6.2.4.1	
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

DT	4.2.1 General (Ge)	…in indoor and outdoor environments. Consideration should be given to defining what is required for indoor and outdoor environments with regard to leak tightness.			CEN/TC 23 WG confirms this scope
		NB: New enquiry foreseen			

Dispatch 3

prEN 12807 WI 00286173	**LPG equipment and accessories - Transportable refillable brazed steel cylinders for liquefied petroleum gas (LPG) - Design and construction**	**Where to refer in RID/ADR:** EN 12807:2009	**Applicable sub-sections and paragraphs:** 6.2.4.1		
Assessment by CEN Consultant to be provided soon					
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	Foreword (ge)	This European Standard has been submitted for reference into the RID [6] and/or in the technical annexes of the ADR [5]. Remove the reference to technical annexes as there are none in ADR.	This European Standard has been submitted for reference into the RID [6] and/or in the ADR [5].		Editorial OK
DT	Table 3 and 9.5 (ge)	Ultrasonic – Production Test O 9.2.2 9.5 This allows for an option of ultrasonic or macro. However the note to 9.5 states NOTE The macro examination may be supplemented by ultrasonic examination at the manufacturer's discretion. This infers that the ultrasonic examination is in addition to rather than instead of the macro.			WG accepted this change is not required

DT	Table 3 (ge)	Macro – Production Test. O 9.2.2. The wording of 9.2.2. *In the case of cylinders with an outside diameter less than 250 mm ultrasonic examination of circumferential joints may be replaced by two macro examinations (see 7.9), one from each side of the cylinder.* This refers to ultrasonic being replaced by macro, recommend a new sub clause is added for a macro being replaced by ultrasonic.			New clause added in the standard
DT	7.8.3 (ge)	…less than four times the metal thickness t. t is the bend thickness rather than e the metal thickness clarify which is the thickness required.			WG accepted this change is not required
DT	9.6.2 (ge)	*9.6.2 Every cylinder brazed since the preceding acceptable ultrasonic or macro examination shall be set aside until it is demonstrated that these cylinders are satisfactory either by ultrasonic or macro examination or other appropriate means.* Clarify what is meant by other appropriate means, as this would need to be approved by the Type test as only ultrasonic and macro are currently referenced and accepted.			'Or other appropriate means' has been deleted
DT	Figure 8 and 9.7.3.4 (ed)	The wording in the Note to Figure 8 and 9.7.3.4 are similar. *Every cylinder brazed since the preceding acceptable ultrasonic or macro examination shall be set aside until it is demonstrated that these cylinders are satisfactory either by ultrasonic or macro examination or other appropriate means.* Consider deleting the Note.			Note on the Figure 8 deleted
DT	9.8.4 (ed).	9.8.4 Resubmission of an inspection lot. There is no indication as to the number of times a lot could be resubmitted, consider having a limit of only one re inspection for a lot.			New sentence clarifying has been added

DT	9 Production testing and examination requirements (ge)	The requirement for Production tests in the standard are equivalent to the Initial inspection and tests of ADR/RID for which there are a number of requirements. 6.2.1.5.1 On an adequate sample of pressure receptacles: (a) Testing of the mechanical characteristics of the material of construction; (b) Verification of the minimum wall thickness; (c) Verification of the homogeneity of the material for each manufacturing batch; (d) Inspection of the external and internal conditions of the pressure receptacles; (e) Inspection of the neck threads; (f) Verification of the conformance with the design standard; It could be considered that (a) and (c) are considered by the production tests however it should be clarified how (b) (d) (e) and (f) are.			Specific clarifications added at the occasion of the CRM

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

Dispatch 1

FprEN ISO/FDIS 24431:2016 WI 00023178	**Gas cylinders - Seamless, welded and composite cylinders for compressed and liquefied gases (excluding acetylene) - Inspection at time of filling**	**Where to refer in RID/ADR** New	**Applicable sub-sections and paragraphs**: Replaces EN 1919 and EN 1920 in P200 (11) and P200 (13) 2.1		
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 2

FprEN ISO/FDIS 21028-1:2016 WI 00268059		**Cryogenic vessels - Toughness requirements for materials at cryogenic temperature - Part 1: Temperatures below -80 degrees C**	**Where to refer in RID/ADR** Replace EN 1252-1	**Applicable sub-sections and paragraphs**: 6.8.5.4	
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
DT	4.2.3 (Ge)	4.2.3 b) is similar to the section beneath 4.2.3 b) For working temperatures…. Section below 4.2.3 b) except for the addition of the second indent. -- or minimum impact energy…….	Delete the current 4.2.3 b) and make the section that is currently below 4.2.3 b) the new 4.2.3 b) e.g. to include the second indent.		Editorial change

DT	4.2.3 (Ge)	Second indent. …and the values of the lower temperature, If the tests were carried out at −196 °C It is unclear as to what temperature would provide lower values for impact properties.	Clarify the requirement that allows a reduced impact energy during the welding procedure test.		b) For working temperatures colder than −196 °C, base metal, heat-affected zones and weld metal should be impact tested. It is sufficient to perform the impact test at −196 °C, but either minimum impact energy value should be 48 J/cm2 or the minimum lateral expansion value should be 0,53 mm. For the base material, the value guaranteed in the material test certificate may be used. For working temperatures colder than −196 °C, base metal, heat-affected zones and weld metal should be impact tested. It is sufficient to perform the impact test at −196 °C, but — minimum impact energy value should be 48 J/cm2, — or minimum impact energy value should be 40 J/cm2, if, during the welding procedure test, it was demonstrated that there are no significant differences

DT	4.2.3 (Ge)	Second indent. --or minimum impact energy value should be 40 J/cm2, if, during the welding procedure test… Should this also be associated with a lower lateral expansion value.	Add a reduced lateral expansion value as well as the minimum impact energy value.		Editorial change

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

Dispatch 3

EN ISO 11120:2015 WI 00023135	**Gas cylinders - Refillable seamless steel tubes of water capacity between 150 l and 3000 l - Design, construction and testing**	**Where to refer in RID/ADR**	**Applicable sub-sections and paragraphs**: 6.2.4.1

Positive assessment by CEN Consultant provided.

Enquiry draft discussed by STD's WG March 2014 (INF 20)

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	Scope (Ed)	*…and distribution of compressed gases*. Add liquefied.	and distribution of compressed or liquefied gases.		To be included in the next revision

DT	10.2.3.2 (Ge)	*NOTE It can be demonstrated from material standards (e.g. ISO 21028-2) that a successful impact test carried out at –20 °C provides absence of risk of in-service brittle failure of a tube down to lower service temperatures (e.g. –50 °C) for tube types used for transport of gases.* Is this an absolute value for the lower temperature rather than e.g.? As the scope of the standard is normally between –50 °C and +65 °C.				To be included in the next revision
DT	11.4 (Ge)	*Light, tightly adhering scale or blush rust oxide is acceptable unless expressly prohibited by the final application*. Clarify as to what is meant by final application.				To be included in the next revision
DT	12.3 (Ge)	*In addition, Rm max − Rmg ≥ 100 MPa* Confirm that the function in the condition is 'minus'.				To be included in the next revision
DT	Table C.1 Rib and Groove (Ge)	Provide guidance as to whether it is acceptable for these outside imperfections. Currently there is no guidance provided in column 4.				To be included in the next revision
DT	Table C.1 Note (Ed)	*a On small-diameter containers…* In the note replace the word container with tube.		a On small-diameter tubes …		To be included in the next revision

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
			EN ISO 11120:1999 + A1:2013	[Between 1 January 2015 and 31 December 2020]	

			EN ISO 11120:2015	Until further notice	

Dispatch 3

EN ISO 14246:2014 WI 00023151	**Gas cylinders - Cylinder valves - Manufacturing tests and examinations**		**Where to refer in RID/ADR**	**Applicable sub-sections and paragraphs**: Not needed to resubmit to the Joint Meeting as it was already agreed to refer in the 2017 RIDADR	
Assessment by CEN Consultant pending					
Std was 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:	12.3	Additional comments	Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals

EN 1251-3:2000, the standard is submitted in order to allow for a discussion within the STD WG as a follow up of the conclusion of the last Standard Working Group in March:

"*It was decided not to refer to the standard FprEN ISO 21029-2:2015 'Cryogenic vessels - Transportable vacuum insulated vessels of not more than 1 000 litres volume - Part 2: Operational requirements' as it was considered that the requirements given in the standard for periodic inspection and testing simply repeated the regulation and included a contradiction of RID/ADR. This standard supersedes EN 1251-3:2000 which should remain as a reference pending future evaluation by the WG*."

We should review EN 1251-3:2000 at the September meeting and therefore prepare the decision during the early July planned Telconfs.

No recommendation at this stage pending further recommendation from EIGA

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

00019507 EN 590:2013/FprA1:2016 Automotive fuels - Diesel - Requirements and test methods