

## 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 , 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). It's implementation started on 1<sup>st</sup> 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 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

<b>prEN ISO DIS 15996</b>		<b>Gas cylinders - Residual pressure valves - Specification and type testing of cylinder valves incorporating residual pressure devices</b>	<b>Where to refer in RID/ADR:</b>	<b>Applicable sub-sections and paragraphs: P200</b>	
WI 00023184					
Positive assessment by CEN Consultant provided					
<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
DT	4.2.1 (General)	...in indoor and outdoor environments. Consideration should be given to defining what is required for indoor and outdoor environments with regard to leak tightness.			WG to comment on that. It is suggested that RPVs should be leak tight in all circumstances and special consideration for indoor and outdoor is inappropriate. Comment from Stephan Aris: Was discussed by WG. Because ISO 15996 refers to ISO 10297 for the main shut-off mechanism of the cylinder valve, general tightness test of the cylinder valve is covered by ISO 10297 and required at -40 °C, room temperature and +65 °C which covers indoor and outdoor environment temperatures. Standard submitted for final vote.

UK		Has no comment on this standard			
DE Aris		Was it discussed to also reference the standard in 6.2.4.1 for type approval? Knowing that meeting ISO 15996 is currently only required for 15 year periodic inspection there would be a benefit to in general require RPVs to meet ISO 15996. This was already agreed for EN 13935 for optional LPG pressure relief valves which when used shall meet the standard.			Chairman's comment: Not discussed, but comment noted for consideration at FprEN/FDIS stage.

Dispatch 1

<b>prEN ISO DIS 18119</b>		<b>Gas cylinders – Seamless steel and seamless aluminium-alloy gas cylinders and tubes – Periodic inspection and testing</b>	<b>Where to refer in RID/ADR:</b>	<b>Applicable sub-sections and paragraphs:</b> P200	
WI 00023187					
Assessment by CEN Consultant provided					
<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
DT1	(ed)	Where t <sub>mc</sub> is used in the text as the minimum wall thickness mc should be subscript.	Replace t <sub>mc</sub> with t <sub>mc</sub> throughout the text.		WG to consider.
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		WG to consider.

DT3	10.1 (ed)	<p><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></p> <p>Figure B.8 concerns; Maximum allowable imperfection sizes for all aluminium-alloy cylinders Figure B 9 concerns; Neck cracks</p>	The references to the Figures in this section of the standard should be changed		WG to consider.
DT4	11.1 (ed)	<p><i>If the cylinder is not to be ultrasonically examined in accordance with 13.4.4.2.2 ...</i></p> <p>Clause 13.4.4.2.2 deals with the Cylinder base</p>	The reference should be changed.		WG to consider.
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.		WG to consider.
DT6	17.4.1 b) (ge)	<p>b) the present test date to be shown as YYMM This is not in the same format as required by ADR/RID.</p> <p><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></p>	b) the present test date to be shown as YY/MM or YYYY/MM		WG to align with Regulation.
DT7	B.1 General	<p>After such a repair, the wall thickness shall be checked (see Clause 16), e.g. ultrasonically.</p> <p>Clause 16 refers to cylinder repairs not a check of wall thickness.</p>			WG to consider.

DT8	Table B.1 ed	Dent The 'OR' section should be lined and aligned in column 3 and 4 as per 'Cut and gouge.'			WG to consider.
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		WG to consider.
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.			WG to consider.
UK1	Scope	Bundles of tubes do not exist in the regulations, only bundles of cylinders. If tubes were assembled together in a frame, they would constitute an MEGC.	Replace "bundle" by "MEGC" on line 4 of the first sentence.		WG to align with Regulation.
UK2	2 and 3	EN ISO 10286 was published towards the end of 2015	Remove relevant footnotes		WG to consider.
UK3	5, end of final sentence	The meaning of "... before the contents has been used even though the period inspection and testing interval has lapsed." would be clearer if following changes were made (new words underlined).	"... before <u>all</u> the contents has been used even though the period inspection and testing interval has <del>lapsed</del> <u>expired</u> ."		WG to consider.
UK4	6, first sentence after Indent l)	Not all countries have regulations requiring official authorization.	Insert "where necessary," at the end of the first line.		WG to consider deleting this sentence.
UK5	8.2 and 8.3	Does the second sentence of 8.2 mean that for all cylinders with a footing an internal inspection is mandatory even when ultrasonic inspection is to be carried out?	If this is so, then 8.3 should state "e.g. if the cylinder has a footing" for the sake of clarity.		WG to re-evaluate and clarify the content of 8.1 up to 8.3.
UK6	9.1 (ed)	At the end of the second paragraph replace "conducting" by "conducted"			Editorial.
UK7	10.4	The second sentence states that only the manufacturer or competent authority can remove the neck ring. This is unlikely to be the intended meaning.	Change "an approved procedure by the cylinder manufacturer		Editorial.

			or” to “a procedure approved by the cylinder manufacturer or”		
UK8	11.2.2	The first sentence would be made much clearer by a slight rearrangement, i.e. “Visual inspections shall be conducted on a cylinder that is both clean and dry in lighting good enough for proper inspection ...”			Editorial.

## Dispatch 2

<b>EN 12493_2013 + A1_2014 prA2</b>		<b>LPG equipment and accessories – Welded steel pressure vessels for LPG road tankers – Design and manufacture</b>	<b>Where to refer in RID/ADR:</b>	<b>Applicable sub-sections and paragraphs:</b> 6.8.2.6.1, 6.8.4	
WI 00286174					
Assessment by CEN Consultant provided					
<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
UK1	6 modifying 5.4	The grammar of this modification is not quite right and should be corrected as shown. Either; (a) Doubler plates shall be provided with vent holes or test sockets: they shall be closed with threaded plugs after testing. Or: see next column;	(b) Doubler plates shall be provided with vent holes or test sockets <u>which they</u> shall be closed with threaded plugs after testing.		WG to consider

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

## Dispatch 1

<b>EN ISO 11114-1_2012 FprEN A1</b>		<b>Where to refer in RID/ADR</b>	<b>Applicable sub-sections and paragraphs:</b> <b>P200, 4.1.6.15, 6.2.2.2, 6.2.2.7.4, 6.2.2.9.2, 6.7.5.2.4</b>
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WI 00023181	<b>Gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 1: Metallic materials – Amendment 1</b>		<b>P200, 4.1.6.15, 6.2.2.2, 6.2.2.7.4, 6.2.2.9.2, 6.7.5.2.4</b>		
Positive assessment by CEN Consultant provided.					
Enquiry draft not discussed by STD's WG					
<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
UK1	6.2	It is contrary to current ISO drafting rules to include requirements in a Note – Notes are for explaining or giving background to normative text.	Redraft as normative text.		Comment withdrawn because the new second paragraph in this amendment is not part of the Note.
UK2	All	This standard is referenced in text which is the responsibility of the UN SCE-TDG	Propose standard to UNSCE-TDG		Need to be considered in the UN.
DE Aris		This standard is also referenced in 3.3.1 SP 379.  Also the reference in 4.1.6.15 is supported.			Chairman's comment: Comment on SP 379 noted, but like all references, with the possible exception of 4.1.6.15, this is UN text so needs to be agreed by the UN Sib Committee
<b>Decision of the STD's WG:</b>	<b>Accepted</b> Refused Postponed	Comments	<b>Do we need to refer in 4.1.6.15 ??</b>		

Dispatch 1

<b>FprEN 13807_2016</b>	<b>Transportable gas cylinders - Battery vehicles and multiple-element gas containers (MEGCs) - Design, manufacture, identification and testing</b>	<b>Where to refer in RID/ADR</b>	<b>Applicable sub-sections and paragraphs: 6.8.3.6</b>
WI 00023180			
Assessment by CEN Consultant provided.			

<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
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		WG should not make references to the RIDADR in informative notes.  The Joint Meeting WG supports reference to ADR marking text and deleting Annex B
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.		WG should not make references to the RIDADR in informative notes.
UK1	3	I do not understand why definitions for tare, maximum gross weight and maximum permissible filling weight are not applicable to MEGCs	Extend definitions to MEGCs		Editorial but to be corrected.
UK2	4.1	Since the standard requires materials to be compatible with the gas in accordance with the EN ISO 11114-series of standards, why are they not listed in Clause 2?	Add EN ISO 11114-1 and 11114- 2 to the list of normative references.		Editorial but to be corrected.
UK3	4.2.2	The title implies that this clause does not apply to MEGCs.	Include "frame of a MEGC" in the title		Requirement of ADR 6.8.3.1.5 has been clarified in 2017 edition - to be corrected.

UK3	4.3, 4.4.1, 4.4.2, 4.5.5, 4.7.2, 6.1, 6.3, 8.2, ed	Delete 's' from MEGCs. "... a battery vehicle and MEGCs ..." mixes a singular battery vehicle with plural MEGCs.			Editorial but to be corrected.
<b>Decision of the STD's WG:</b>					
Accepted Refused <b>Postponed</b>		Comments Need for an urgent Amendment to correct the omissions and inconsistencies listed above			

Dispatch 1

<b>FprEN ISO 11114-4_2016</b>		<b>Transportable gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 4: Test methods for selecting steels resistant to hydrogen embrittlement</b>		<b>Where to refer in RID/ADR</b> ??	<b>Applicable sub-sections and paragraphs:</b> Not referred yet
WI 00023182					
Positive assessment by CEN Consultant provided.					
<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
UK1	General	This is a supporting standard to enable the designer to choose the correct material. It is a normative reference in e.g EN ISO 9809-1 and EN ISO 11120.	Do not reference		Accept to not reference.
<b>Decision of the STD's WG:</b>		Accepted Refused Postponed	Comments This is a supporting standard that is referenced in EN ISO 9809-1 and EN ISO 11120.		

<b>FprEN 1439</b>		<b>LPG equipment and accessories - Procedure for checking transportable refillable LPG cylinders before, during and after filling</b>	<b>Where to refer in RID/ADR</b> P200 (11) and (12)	<b>Applicable sub-sections and paragraphs:</b> P200,	
WI 00286165					
Assessment by CEN Consultant provided.					
Enquiry draft discussed meeting 14-18 March 2016					
<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
DT 1	Scope	<p>— over-moulded cylinders (OMC). This draft standard is intended to be applied to cylinders complying with RID/ADR [6] [7] (including pi marked cylinders) and also to existing non RID/ADR cylinder populations. Currently cylinders with an over-moulded case which provides protection against external damage are not regulated by ADR/RID. Therefore there are no prohibitive provisions nor particular technical requirements for a cylinder with an over-moulded case.</p>	For clarity add a note explaining the situation regarding over-moulded cylinders and RID/ADR		<p>To leave any text about exclusion be included in legislation rather than in the standard.</p> <p>Comment accepted, but solution as above.</p>
DT 2	3.3	<p><i>over-moulded cylinder OMC</i> <i>a pressure receptacle intended for the carriage of LPG of a water capacity not exceeding 13 litres made of a coated steel inner cylinder with an over-moulded protective case made from cellular plastic, which is non removable and bonded to the outer surface of the steel cylinder wall</i> Therefore there are no prohibitive provisions nor particular technical requirements for a cylinder with an over-moulded case. RID/ADR <i>4.1.6.12 Receptacles shall not be offered for filling:</i> <i>(a) when damaged to such an extent that the integrity of the receptacle or its service equipment may be affected;</i></p>	If the standard is taken into RID/ADR then it should be without section 3.3.		<p>To leave any text about exclusion be included in legislation rather than in the standard.</p> <p>Comment accepted, but solution as above.</p>

		<p><i>(b) unless the receptacle and its service equipment has been examined and found to be in good working order; ...</i></p> <p><i>The casing is being examined not the receptacle itself.</i></p>			
DT 3	3.11	<p><i>protective casing layer of protective material which gives mechanical protection which, either cannot be removed without destroying it or is only removable with special tools or is bonded to the cylinder wall</i></p> <p><i>Note 1 to entry: This definition can be applied to cylinders with over-moulded layers or with separate casings.</i></p> <p><i>RID/ADR</i></p> <p><i>4.1.6.12 Receptacles shall not be offered for filling:</i></p> <p><i>(a) when damaged to such an extent that the integrity of the receptacle or its service equipment may be affected;</i></p> <p><i>(b) unless the receptacle and its service equipment has been examined and found to be in good working order; ...</i></p> <p><i>The casing is capable of being examined not the receptacle itself.</i></p>	<p>If the standard is taken into RID/ADR then it should be without section 3.11.</p>		<p>To leave any text about exclusion be included in legislation rather than in the standard.</p> <p>Comment accepted, but solution as above.</p> <p>The Chairman would like further discussion on this point. He is of the opinion that the standard provides a safe way of determining suitability for filling – damage of the protective casing is taken as evidence that the receptacle may be damaged – see Annex D.</p>
DT 4	Annex G	<p>Currently cylinders with an over-moulded case which provides protection against external damage are not regulated by ADR/RID. Therefore there are no prohibitive provisions nor particular technical requirements for a cylinder with an over-moulded case.</p> <p>Annex G (Normative) details damage to the protected cylinder and provides acceptance criteria for different degrees of damage however there is no specified correlation between damage to the outer moulded case (protective jacket) and any potential damage to the outer wall of the pressure receptacle.</p> <p><i>RID/ADR</i></p> <p><i>4.1.6.12 Receptacles shall not be offered for filling:</i></p>	<p>If the standard is taken into RID/ADR then it should be without Annex G.</p>		<p>To leave any text about exclusion be included in legislation rather than in the standard.</p> <p>Comment accepted, but solution as above.</p>

		<p>(a) when damaged to such an extent that the integrity of the receptacle or its service equipment may be affected;</p> <p>(b) unless the receptacle and its service equipment has been examined and found to be in good working order; ...</p> <p>The over moulding is capable of being examined not the receptacle itself</p>			
UK1	Annex E	To be excluded from the reference			Comment withdrawn: the reference to Annex E in clause 6.1 makes clear that the competent authority determines the relevant filling ratio.
UK2	Annexes G and H	To be excluded from the reference if overmoulded cylinders continue to be excluded from RID/ADR.			<p>To leave any text about exclusion be included in legislation rather than in the standard.</p> <p>Comment accepted, but solution as above.</p>
<b>Decision of the STD's WG:</b>	<p><b>Accepted</b></p> <p>Refused</p> <p>Postponed</p>	<p>Additional comments</p> <p>Standard to be inserted in P200 (11) and P200 (12) as a replacement of EN 1439:2008.</p> <p>Exclusions to be limited to</p>			<p>There are no provisions for transition in P200</p>

Note: Proposals for report; In 6.2.4.2 EN ISO 11623:2002 to be deleted and EN ISO 11623:2015 applicability is to be changed to "Until further notice". The same applies to the old and new versions of EN 14912 and EN 1440. EN 16728:2016 to be changed to "Until further notice"

#### Dispatch 2

<b>FprEN 13952_2017</b>	<b>LPG equipment and accessories - Filling operations for LPG cylinders</b>	<b>Where to refer in RID/ADR</b>	<b>Applicable sub-sections and paragraphs:</b> <b>Not referred yet</b> <b>P 200 (11)</b>
WI 00286166			
Assessment by CEN Consultant provided			
Enquiry draft discussed meeting 14-18 March 2016			
<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
UK	All	This standard is about filling worker safety which outside the scope of RID/ADR. EN 1439 already covers the transport requirements and therefore this standard shall not be referenced.			Not accepted
<b>Decision of the STD's WG:</b>	<b>Accepted</b>	Additional comments Voluntary ref To be inserted in P200 (11) fulfilling the requirements of P200 (7). Could also be added to P200 (12) 2.1?			
	Refused				
	Postponed				

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 4.1.6.15, 6.2.4.1	Applicable sub-sections and paragraphs:		
WI 00023190					
Assessment by CEN Consultant pending					
Std version discussed meeting 17- 21 March 2014					
<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
UK		No comments on this standard.			
DE Aris	All	Standard should be referenced in 4.1.6.15 as follows; (Annex A of ISO 10297:2006 or Annex A of ISO 10297:2014 or <b>Annex A of ISO 10297:2014 + A1:2017</b> ). It should also in 6.2.4.1 (and in addition 6.2.2.3 if not first UN Orange Book to be amended)			Chairman's comment: References noted and accepted for 4.1.6.15 and 6.2.4.1 (see above). Reference in 6.2.2.3 is a UN decision

DE Aris		How can we apply for immediate use of the amendment which corrects some major mistakes? It would be good to discuss this issue at the JM. Maybe using 1.5.1 ADR is a possibility? We really need a respective information/suggestion from the JM to be followed.			To be discussed
<b>Decision of the STD's WG:</b>	Accepted	Additional comments	Proposed transition regulation	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
	Refused		EN ISO 10297:2014	Between 1 January 2015 and 31 December 2020	
	Postponed		EN ISO 10297:2014 + A1:[2017]	Until further notice	

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

EN ISO 2719:2016     Determination of flash point - Pensky-Martens closed cup method

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