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|  | United Nations | ECE/TRANS/WP.15/AC.1/2016/5 |
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**Economic Commission for Europe**

Inland Transport Committee

**Working Party on the Transport of Dangerous Goods**

**Joint Meeting of the RID Committee of Experts and the**

**Working Party on the Transport of Dangerous Goods**

Bern, 14–18 March 2016

Item 3 of the provisional agenda

**Standards**

 Information on work in progress in CEN

 Transmitted by the European Committee for Standardisation (CEN)[[1]](#footnote-2), [[2]](#footnote-3)

 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. As a consequence, a larger number of items deserve attention and discussion by the Working Group on standards during this session.

New CEN Enquiry procedure - 3 Month enquiry with weighted vote and optional formal vote for CEN homegrown 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). It’s implementation started on 1st January 2015 and applies to all incoming drafts since 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 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.

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 the Joint Meeting Working Group on Standards and CEN timetables. The role of telephone conferences will become 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.

 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. As in 2014, the European Commission took over 7 months in 2015 before offering a budget to CEN to cover this task. Luckily now CEN got a budget coverage till end December 2017.

7. CEN has therefore prepared 3 dispatches: Dispatch 1 and 3 include assessments of the drafts. Dispatch 2 contains only the standards without assessments. A Dispatch 4 could also be made available in January 2016 containing General Purpose Standards.

 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, 286 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.

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

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| **Responsible standardizing body** | **Work item No.** | **Reference** | **Title** |
| CEN/TC 23 | 00023190 | EN ISO 10297:2014/prA1 | Gas cylinders - Cylinder valves - Specification and type testing (ISO 10297:2014/DAM 1:2016) |
| CEN/TC 23 | 00023191 | EN ISO 14246:2014/prA1 | Gas cylinders - Cylinder valves - Manufacturing tests and examinations (ISO 14246:2014/DAM 1:2016) |
| CEN/TC 23 | 00023192 | prEN ISO 11363-1 | Gas cylinders - 17E and 25E taper threads for connection of valves to gas cylinders - Part 1: Specifications |
| CEN/TC 23 | 00023193 | prEN ISO 11363-2 | Gas cylinders - 17E and 25E taper threads for connection of valves to gas cylinders - Part 2: Inspection gauges |
| CEN/TC 23 | 00023194 | prEN ISO 11117 | Gas cylinders - Valve protection caps and valve guards - Design, construction and tests |
| CEN/TC 23 | 00023195 | prEN ISO 17879 | Gas cylinders - Self-closing cylinder valves - Specification and type testing |
| CEN/TC 286 | 00286167 | EN 12493:2013+A1:2014 | LPG equipment and accessories - Welded steel pressure vessels for LPG road tankers - Design and manufacture |
| CEN/TC 286 | 00286168 | prEN ISO 14245 rev | Gas cylinders - Specifications and testing of LPG cylinder valves - Self-closing |
| CEN/TC 286 | 00286169 | prEN ISO 15995 rev | Gas cylinders - Specifications and testing of LPG cylinder valves - Manually operated |
| CEN/TC 286 | 00286170 | EN 13175:2014/prA1 | LPG Equipment and accessories - Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings |
| CEN/TC 286 | 00286172 | EN 13110:2012/prA1 | LPG equipment and accessories - Transportable refillable welded aluminium cylinders for liquefied petroleum gas (LPG) - Design and construction |
| CEN/TC 286 | 00286173 | prEN 12807 rev | LPG equipment and accessories - Transportable refillable brazed steel cylinders for liquefied petroleum gas (LPG) - Design and construction |
| CEN/TC 296 | 00296084 | FprEN 14595 rev | Tanks for transport of dangerous goods - Service equipment for tanks - Pressure and vacuum breather device |
| CEN/TC 296 | 00296088 | EN 14564:2013/prA1 | Tanks for transport of dangerous goods - Terminology |
| CEN/TC 296 | 00296089 | prEN 13094 rev | Tanks for the transport of dangerous goods - Metallic tanks with a working pressure not exceeding 0,5 bar - Design and construction |

 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. 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 30 January 2016. It is foreseen to organize ad hoc webconferences in order to review those comments second halve of February 2016. All comments will be consolidated in a separate document and be provided to the Joint Meeting.

12. 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.

13. 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

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| **prEN 1439** | **LPG equipment and accessories - Procedure for checking transportable refillable LPG cylinders before, during and after filling** | Where to refer in RID/ADR:Replace EN 1439:2008 except 3.5 and Annex G | Applicable sub-sections and paragraphs:P200  |
| WI 00286165 |
| Assessment by CEN Consultant provided. |
| **Comments from members of the Joint Meeting:** |
| Country | Clause No. | Comment (justification for change)  | Proposed change  | Comment fromCEN Consultant | Comment from WG Standards |
| DT | 3.4over-moulded cylinder | The Note 1 to the definition of an over-moulded cylinder states ‘See also ADR definition’ this implies that there is a definition in ADR for an over-moulded cylinder; currently in the 2015 version of ADR/RID there is no such definition.  | This note should be removed.  |  |  |
| DT | 3.5 casing | The definition in casing refers to ‘composite cylinder’ however there is no similar definition for a composite cylinder to which that definition refers. There are also criteria in Annex D concerning the rejection criteria for composite cylinders without defining exactly what a composite cylinder is. | Add a definition of a composite cylinder |  |  |
| DT | 3.13 periodic inspection  | In the context of this type of equipment (pressure receptacle) the term pressure vessel is not normally used. There are detailed requirements for periodic inspection within ADR/RID which typically refer to the cylinder shell. | Replace the term pressure vessel with a more applicable term. |  |  |
| DT |  | NOTE Rejection limits for physical, material and other defects on the cylinder shell are given in Annex A, Annex B, Annex C, Annex D and Annex G.Annex G provides rejection criteria for the over-moulded case not the actual cylinder shell itself. | The note should be modified to make it clear that for over moulded cylinders the rejection criteria is for the over moulded case and not the cylinder shell.  |  |  |
| DT |  | Criteria in Table D 2 refers to the ‘protective jacket’ this term is not defined in the standard, however the photographs in the table seem to be of a cylinder with an over-moulded case (protective jacket?) which may have a liner however this is not clear. The terms are used throughout the standard without themselves being defined or part of a definition. | Clarify/define the terms for a protective jacket and protected cylinder. |  |  |
| DT |  | There is no guidance given on the corrosive limits of the LPG that can be filled into the cylinders. | The standard should include a reference to the LPG that is filled into the cylinders being in compliance with the limitations on corrosiveness as specified in ISO 9162:1989. |  |  |
| CH |  | We agree with the comments of the CEN consultant inprEN 1439\_DT and prEN 1439\_DT (Add) |  |  |  |
| CH |  | 3.4 and Annexes G and H to be excluded (3.4 and Annex G already excluded for the Version EN 1439:2008) |  |  |  |
| CH |  | "D1.1 NOTE 2 RID/ADR requires that these criteria are acceptable to the competent authority" There are no such requirements in RID/ADR. |  |  |  |
| CH |  | Concerning corrosion: ISO 9162:1989 is mentioned in prEN 13952:2015 under 4.3 LPG Quality. | It is therefore not necessary to mention it in EN 1439 ( EN 13952 is mentioned as normative reverence and in 6. "Filling conditions" |  |  |
| UK | General | No objection to this standard being referenced subject to satisfactory resolution of the CEN Consultant’s comments. |  |  |  |
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Dispatch 1

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| **prEN 13952** | **LPG equipment and accessories - Filling procedures for LPG cylinders** | Where to refer in RID/ADR:Not referred at this stage | Applicable sub-sections and paragraphs: |
| WI 00286166 |
| Assessment by CEN Consultant provided |
| **Comments from members of the Joint Meeting:** |
| Country | Clause No. | Comment (justification for change)  | Proposed change  | Comment fromCEN Consultant | Comment from WG Standards |
| CH |  | No comment |  |  |  |
| UK | General | The existing version of this standard has not been referenced in RID/ADR and this new version also adds insufficient value to merit inclusion in the regulations. | Do not reference. The TC should consider amalgamating this standard with EN 1439. |  |  |
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Dispatch 1

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| **prEN ISO 21028-1** | **Cryogenic vessels - Toughness requirements for materials at cryogenic temperature - Part 1: Temperatures below -80 degrees C (ISO/DIS 21028-1:2015)** | Where to refer in RID/ADR:Replace EN 1252-1:1998 | Applicable sub-sections and paragraphs:6.8.5.4 |
| WI 00268059 |
| Assessment by CEN Consultant provided. |
| **Comments from members of the Joint Meeting:** |
| Country | Clause No. | Comment (justification for change)  | Proposed change  | Comment fromCEN Consultant | Comment from WG Standards |
| CH |  | No comment |  |  |  |
| UK |  | These two standards will replace EN 1252-1 and EN 1252-2 both of which are normative references in the cryogenic tank design standards EN 13530 and EN 14398. These material property standards are invaluable to designers of cryogenic equipment and therefore, their role is as normative references in the tank design standards. |  There is no need to reference these standards in RID/ADR; they support the cryogenic tank and pump design and construction standards |  |  |
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Dispatch 1

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| **prEN ISO 21028-2**  | **Cryogenic vessels - Toughness requirements for materials at cryogenic temperature - Part 2: Temperatures between -80 degrees C and -20 degrees C (ISO/DIS 21028-2:2014)** | Where to refer in RID/ADR:Replace EN 1252-2:2001 | Applicable sub-sections and paragraphs:6.8.5.4 |
| WI 00268063 |
| Assessment by CEN Consultant provided |
| **Comments from members of the Joint Meeting:** |
| Country | Clause No. | Comment (justification for change)  | Proposed change  | Comment fromCEN Consultant | Comment from WG Standards |
| DT | 4.3 (Table 3) | 4.3Minimum *T*R values are given in Table 3….However the legend for Table 3. Table 3 — Minimum *Ts* values | The legend for Table 3 should be corrected to *T*R. |  |  |
| DT | 4.3 (Table 6) | There are a number of instances in the Construction detail column typically for Part A or Part B where there is a thickness given i.e.e1 or e2, which are different to the Part A or Part B in the Reference thickness column. For example the third example for a Branches and nozzles.Construction detail Part A ~ e3 Reference thickness Part A ~ e2.  | The Parts A or B and associated material thickness’s should be reviewed for those in the Construction detail column and the Reference thickness column to ensure that they are aligned. |  |  |
| UK |  | These two standards will replace EN 1252-1 and EN 1252-2 both of which are normative references in the cryogenic tank design standards EN 13530 and EN 14398. These material property standards are invaluable to designers of cryogenic equipment and therefore, their role is as normative references in the tank design standards. |  There is no need to reference these standards in RID/ADR; they support the cryogenic tank and pump design and construction standards |  |  |
| CH |  | No comment |  |  |  |

Dispatch 3

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| **prEN 13110\_2012prA1**  | **LPG equipment and accessories - Transportable refillable welded aluminium cylinders for liquefied petroleum gas (LPG) - Design and construction** | Where to refer in RID/ADR:4.1.4.1P200 (11) and 6.2.4.1  | Applicable sub-sections and paragraphs:P200(8), (10) and (12) and6.2.4.1(6.2.3./1 & 6.2.3.4) |
| WI 286154 |
| Assessment by CEN Consultant pending  |
| **Comments from members of the Joint Meeting:** |
| Country | Clause No. | Comment (justification for change)  | Proposed change  | Comment fromCEN Consultant | Comment from WG Standards |
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Dispatch 3

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| **prEN ISO 10156 (Rev)**  | **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 ver 20102.2.2.1.5  | Applicable sub-sections and paragraphs:2.2.2.1.5 |
| WI 00023189 |
| Assessment by CEN Consultant pending  |
| **Comments from members of the Joint Meeting:** |
| Country | Clause No. | Comment (justification for change)  | Proposed change  | Comment fromCEN Consultant | Comment from WG Standards |
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Dispatch 3

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| **prEN ISO 24431 rev**  | **Gas cylinders - Cylinders for compressed and liquefied gases (excluding acetylene) - Inspection at time of filling (ISO/DIS 24431:2015)** | Where to refer in RID/ADR:Not referenced yet | Applicable sub-sections and paragraphs: |
| WI 00023178 |
| Assessment by CEN Consultant pending |
| **Comments from members of the Joint Meeting:** |
| Country | Clause No. | Comment (justification for change)  | Proposed change  | Comment fromCEN Consultant | Comment from WG Standards |
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**B. Standards at Stage 3 or 4: Submitted for Formal vote or Published**

Dispatch 1

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| **FprEN ISO/FDIS 24490** | **Cryogenic vessels - Pumps for cryogenic service (ISO/FDIS 24490:2015)** | Where to refer in RID/ADRReplace EN 13275:2000 | Applicable sub-sections and paragraphs: |
| WI 00268062 |
| Positive assessment by CEN Consultant provided. |
| Enquiry draft 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 |
| CH |  | No comment |  |  |  |
| UK |  | No objection to this standard being referenced |  |  |  |
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| **Decision of the STD’s WG:** | AcceptedRefusedPostponed | Comments | No transition regulation required.  |

Dispatch 1

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| **FprEN A1 on EN 14025:2013** | **Tanks for the transport of dangerous goods - Metallic pressure tanks - Design and construction** | Where to refer in RID/ADRSee EN 14025 | Applicable sub-sections and paragraphs: |
| WI 00296082 |
| 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 | 6.3.3.5.1General Equation (5) | With the removal of the non-numbered equation b) there will be a superfluous ‘where’ in the existing standard. | Remove first ‘where’ in addition to the non-numbered equation. |  |  |
| DT | Modification to the Bibliography | There is already an [8] in the bibliography of the existing standard. | Add "[9] EN 14460, Explosion resistant equipment" and update the following items. |  |  |
| D | Headline (Annex B) Tech | In 5.1 “General” of the standard there is the option to choose the explosion pressure shock resistant design of tanks according to the new Annex B. Insofar Annex B should be normative and not informative.  | Amend Annex B from “informative” in “normative” |  |  |
| CH |  | No comment |  |  |  |
| UK |  | No objection to this amendment being referenced |  |  |  |
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| **Decision of the STD’s WG:** | AcceptedRefusedPostponed | Additional comments | No transition regulation required. |

Dispatch 2

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| **FprEN ISO 10286** | **Gas cylinders - Terminology (ISO 10286:2015)** | Where to refer in ADR:? | Applicable sub-sections and paragraphs: |
| WI 00023153 |
| No 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 |
| CH |  | No comment |  |  |  |
| UK | General | Terminology standards should not be referenced in RID/ADR: they should be referenced in standards. ISO and CEN committees worked hard to ensure compatibility with the regulations | Do not reference.  |  |  |
| D |  | Concur with UK opinion |  |  |  |
| **Decision of the STD’s WG:** | AcceptedRefusedPostponed | Additional comments | No transition regulation required. |

Dispatch 2

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| **FprEN ISO 13341 A1**  | **Gas cylinders - Fitting of valves to gas cylinders - Amendment 1 (ISO 13341:2010/Amd 1:2015)** | Where to refer in RID/ADR? | Applicable sub-sections and paragraphs: |
| WI 00023172 |
| No assessment by CEN Consultant pending. |
| **Comments from members of the Joint Meeting:** |
| Country | Clause No. | Comment (justification for change)  | Proposed change  | Comment from CEN Consultant | Comment from WG Standards |
| CH  |  | No comment |  |  |  |
| UK | General | The existing version of this standard 2010 has not been referenced in RID/ADR and this amendment does not change its usefulness to the regulations. This standard is a normative reference in the valve standard EN ISO 10297 and the periodic inspection standards. This is its correct role. | Do not reference.  |  |  |
| D |  | Concur with UK but consider possibility to reference it in P200 RID/ADR for assembling cylinders and valves |  |  |  |
| **Decision of the STD’s WG:** | AcceptedRefusedPostponed | Additional comments | No transition regulation required |

Dispatch 2

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| **FprEN ISO 17871:2015** | **Gas cylinders - Quick-release cylinder valves - Specification and type testing (ISO 17871:2015)** | Where to refer in RID/ADR? | Applicable sub-sections and paragraphs: |
| WI 00023179 |
| No 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 |
| CH  |  | No comment |  |  |  |
| UK | General | This standard relies on ISO 10297:2014 and ISO 14246:2014 for many of its requirements. Both of these have been accepted for RID/ADR (and UN). No contradictions of RID/ADR have been detected in this standard. The standard was developed with the intention of it appearing in the RID/ADR | Recommended for referencing. Standard published in September 2015 |  |  |
| D | General | It was already agreed to have the standard referenced in RID/ADR 2017 by Joint Meeting March 2015 |  | Correct, CCMC apologised for this confusion |  |
| **Decision of the STD’s WG:** | **Accepted**RefusedPostponed  | Additional comments**See Inf 48 Session March 2015** | No transition regulation required |

Dispatch 3

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| FprEN 11118 | **Gas cylinders - Non-refillable metallic gas cylinders - Specification and test methods (ISO 11118:2015)** | Where to refer in RID/ADRReplace ver of 19996.2.2.1.1 | Applicable sub-sections and paragraphs:P 206 and 6.2.2.1.1 |
| WI 00023143 |
| Assessed by CEN Consultant  |
| **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 | A.2.3.4 | The type of gas used for the leak tightness test is not specified, it is specified for the non –refillable valve test. | Specify the test gas. |  |  |
| DT | A.3.2.2 | This section is about how a hydraulic burst pressure test is carried out, item ‘*e) the hydraulic burst test pressure minimum is 1,6 times the test pressure of the cylinder’*  this is what the result of the test should be. | Move ‘the hydraulic burst test pressure minimum is 1,6 times the test pressure of the cylinder’ to the end sentence of A.3.2.2. |  |  |
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| **Decision of the STD’s WG:** | AcceptedRefusedPostponed  | Additional comments | Proposed transition regulation | Applicable for new type approvals or for renewals | Latest date for withdrawal of existing type approvals |
| EN ISO 11118:1999 | [Between 1 January 2005 and 31 December 2015] |  |
|  |  |  |
| EN ISO 11118:2015 | Until further notice |  |

Dispatch 3

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| **FprEN ISO 11623:2015** | **Gas cylinders - Composite construction - Periodic inspection and testing (ISO/FDIS 11623:2015)** | Where to refer in RID/ADRReplace ver. 20026.2.2.4 + § 660,  | Applicable sub-sections and paragraphs:6.2.2.4 + 6.2.4.2 (except clause 4) +§ 660 |
| WI 00023150 |
| Assessed by CEN Consultant |
| **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 | Table 3 | The symbols for the units in the first row should be checked. | The unit for gram is G this should be replaced by g.  |  |  |
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| **Decision of the STD’s WG:** | AcceptedRefusedPostponed  | Additional comments | Proposed transition regulation | Applicable for new type approvals or for renewals | Latest date for withdrawal of existing type approvals |
|  |  |  | EN ISO 11623:2002 | [Between 1 January 2005 and 31 December 2015] |  |
|  |  |  |  |  |  |
|  |  |  | EN ISO 11623:2015 | Until further notice |  |

Dispatch 3

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| **FprEN ISO 21013-3 rev** | **Cryogenic vessels - Pressure-relief accessories for cryogenic service - Part 3: Sizing and capacity determination (ISO/DIS 21013-3:2014)** | Where to refer in RID/ADRReplace EN 13648-3:2002Only part 1 is referred so far? | Applicable sub-sections and paragraphs: |
| WI 00268060 |
| Assessed by CEN Consultant  |
| **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 | Equation 3 and 4 | Equation [3] and [4] return different values for the same condition i.e.≤ 75K |  |  |  |
| DT | Equation 10 | The formula uses e5 however in the references to that formula only e is defined. |  |  |  |
| DT | 4.4 | 4.4.1The air or nitrogen condensation case for the loss of vacuum condition shall be considered for fluids with a saturation temperature below 75 K at 1 bar absolute pressure.This refers to absolute pressure, however in other definitions with saturation temperature and the same temperature (75 K ) the reference is to bar i.e.4.5.5WT5 is equal to the heat transfer rate, W5, if the saturation temperature of the fluid is greater than or equal to 75 K at 1 bar.Is the reference to absolute pressure correct in that instance and bar [gauge] to the others? |  |  |  |
| DT | Equation [36] | Where is the value u defined? |  |  |  |
| DT | Equation [40] | Texit,Pb is defined but not used in equation [40]. |  |  |  |
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| **Decision of the STD’s WG:** | AcceptedRefusedPostponed  | Additional comments | Proposed transition regulation | Applicable for new type approvals or for renewals | Latest date for withdrawal of existing type approvals |
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Dispatch 3

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| **FprEN 14595** | **Tanks for transport of dangerous goods - Service equipment for tanks - Pressure and vacuum breather device** | Where to refer in RID/ADRReplace ver of 20056.8.2.6.1 | Applicable sub-sections and paragraphs: |
| WI 00296084 |
| Assessed by CEN Consultant |
| **Comments from members of the Joint Meeting:** |
| Country | Clause No. | Comment (justification for change)  | Proposed change  | Comment from CEN Consultant | Comment from WG Standards |
|  | Foreword | *…not exceeding 110 kPa (absolute pressure) at 50° C…*The word pressure is not added after the pressure definition. Delete the word pressure.  | *…not exceeding 110 kPa (absolute) at 50° C…* |  |  |
|  | Scope | *…not exceeding 110 kPa at 50 °C …*To be in line with the foreword add the word absolute after kPa. | *…not exceeding 110 kPa (absolute) at 50° C…* |  |  |
|  | 5.8 | *…shall not exceed 106 :.*The unit is missing. | Add ‘Ω’ after 106 |  |  |
|  | 6.2.2.2.3 | For clarity the text:*…is not less than 0,4 kPa below atmospheric pressure and not greater than 2,5 kPa below atmospheric pressure.*Should be the same as in 5.3.2*…shall be between -0,4 kPa (gauge) and -2,5 kPa (gauge)…* | Change 5.3.2.*The relieving pressure of breather devices is not less than 0,4 kPa below atmospheric pressure and not greater than 2,5 kPa below atmospheric pressure in their normally installed attitude.* Or as an alternative change the text in 6.2.2.2.3 to match 5.3.2. |  |  |
|  | Annex AFigure A1 | Figure is missing | Replace missing figure. |  |  |
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| **Decision of the STD’s WG:** | AcceptedRefusedPostponed  | Additional comments | Proposed transition regulation | Applicable for new type approvals or for renewals | Latest date for withdrawal of existing type approvals |
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Dispatch 3

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| **FprEN ISO 21029-2\_2015** | **Cryogenic vessels - Transportable vacuum insulated vessels of not more than 1 000 litres volume - Part 2: Operational requirements (ISO 21029-2:2015)** | Where to refer in RID/ADRReplace EN 1251-3:20006.2.4.2 | Applicable sub-sections and paragraphs: |
| WI 00268061 |
| Assessment by CEN Consultant pending |
| **Comments from members of the Joint Meeting:** |
| Country | Clause No. | Comment (justification for change)  | Proposed change  | Comment from CEN Consultant | Comment from WG Standards |
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| **Decision of the STD’s WG:** | AcceptedRefusedPostponed  | 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 |  |  |
| EN ISO 21029-2:2015 |  |  |
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Dispatch 3

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| FprEN 16148 | **Gas cylinders - Refillable seamless steel gas cylinders and tubes - Acoustic emission examination (AT) and follow-up ultrasonic examination (UT) for periodic inspection and testing (ISO/FDIS 16148:2015)** | Where to refer in RID/ADRReplace ver of 20066.2.1.6.1 | Applicable sub-sections and paragraphs:6.2.1.6.1 |
| WI 00023171 |
| Assessment from CEN Consultant pending  |
| **Comments from members of the Joint Meeting:** |
| Country | Clause No. | Comment (justification for change)  | Proposed change  | Comment from CEN Consultant | Comment from WG Standards |
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| **Decision of the STD’s WG:** | AcceptedRefusedPostponed  | Additional comments | Proposed transition regulation | Applicable for new type approvals or for renewals | Latest date for withdrawal of existing type approvals |
| EN ISO 16148:2006 | [Between 1 January 2005 and 31 December 2015] |  |
|  |  |  |
| EN ISO 16148:2016 | Until further notice |  |

Dispatch 3

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| FprEN 1440 | **LPG equipment and accessories - Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders - Periodic inspection** | Where to refer in RID/ADRReplace ver of 20086.2.4.2 | Applicable sub-sections and paragraphs: |
| WI 00286154 |
| Assessment by CEN Consultant pending |
| **Comments from members of the Joint Meeting:** |
| Country | Clause No. | Comment (justification for change)  | Proposed change  | Comment from CEN Consultant | Comment from WG Standards |
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| **Decision of the STD’s WG:** | AcceptedRefusedPostponed  | Additional comments | Proposed transition regulation | Applicable for new type approvals or for renewals | Latest date for withdrawal of existing type approvals |
| EN 1440:2008 | [Between 1 January 2009 and 31 December 2015] |  |
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| EN 1440:2016 | Until further notice |  |

Dispatch 3

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| FprEN 16728 | **LPG equipment and accessories - Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders - Periodic inspection** | Where to refer in RID/ADRNot yet referred | Applicable sub-sections and paragraphs: |
| WI 00286156 |
| Assessment by CEN Consultant pending  |
| **Comments from members of the Joint Meeting:** |
| Country | Clause No. | Comment (justification for change)  | Proposed change  | Comment from CEN Consultant | Comment from WG Standards |
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| **Decision of the STD’s WG:** | AcceptedRefusedPostponed  | Additional comments | Proposed transition regulation | Applicable for new type approvals or for renewals | Latest date for withdrawal of existing type approvals |
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1. In accordance with the draft programme of work of the Inland Transport Committee for 2016-2017, (ECE/TRANS/WP.15/2015/19 (9.2)). [↑](#footnote-ref-2)
2. Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2016/5. [↑](#footnote-ref-3)