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|  | United Nations | ECE/TRANS/WP.15/AC.1/2017/12 | |
| _unlogo | **Economic and Social Council** | | Distr.: General  21 December 2016  Original: English |

**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)[[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.

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

2. Focussed on improving mechanisms and procedures for developing EN standards and following similar changes of the related ISO procedures and prompted by European Commission Communication COM(2011)311 asking for a 50% reduction of the average standards developing time CEN has adopted a new enquiry procedure (CEN/BT Decision 35/2014). Its implementation started on 1January 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**

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| **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

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| **prEN ISO DIS 15996** | | **Gas cylinders - Residual pressure valves - Specification and type testing of cylinder valves incorporating residual pressure devices** | | Where to refer in RID/ADR: | | Applicable sub-sections and paragraphs:  P200 | | |
| WI 00023184 | |
| Positive assessment by CEN Consultant provided | | | | | | | | |
| **Comments from members of the Joint Meeting:** | | | | | | | | |
| Country | Clause No. | | Comment (justification for change) | | Proposed change | | Comment from  CEN Consultant | Comment from  WG Standards |
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Dispatch 1

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| **prEN ISO DIS 18119** | | **Gas cylinders - Seamless steel and seamless aluminium-alloy gas cylinders and tubes - Periodic inspection and testing** | | **Where to refer in RID/ADR:** | | **Applicable sub-sections and paragraphs:**  P200 | | |
| WI 00023187 | |
| Assessment by CEN Consultant provided | | | | | | | | |
| **Comments from members of the Joint Meeting:** | | | | | | | | |
| Country | Clause No. | | Comment (justification for change) | | Proposed change | | Comment from  CEN Consultant | Comment from  WG Standards |
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| DT1 | ed | | Where tmc is used in the text as the minimum wall thickness mc should be subscript. | | Replace tmc with tmc throughout the text. | |  |  |
| DT2 | Foreword (ed) | | The sixth paragraph contains text in square brackets.  *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.* | | This paragraph should be ‘tidied’ up, and the square brackets etc. removed | |  |  |
| DT3 | 10.1 (ed) | | *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.*  Figure B.8 concerns;  Maximum allowable imperfection sizes for all aluminium-alloy cylinders  Figure B 9 concerns;  Neck cracks | | The references to the Figures in this section of the standard should be changed | |  |  |
| DT4 | 11.1 (ed) | | *If the cylinder is not to be ultrasonically examined in accordance with 13.4.4.2.2 …*  Clause 13.4.4.2.2 deals with the  Cylinder base | | The reference should be changed. | |  |  |
| DT5 | Figure 9 (ed) | | The key symbol for automated and manual operation is the same. | | The key symbols should be differentiated between automatic and manual operation or if they are the same state as such. | |  |  |
| DT6 | 17.4.1 b) (ge) | | b) the present test date to be shown as YYMM  This is not in the same format as required by ADR/RID.  *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.* | | b) the present test date to be shown as YY/MM or YYYY/MM | |  |  |
| DT7 | B.1 General | | After such a repair, the wall thickness shall be checked (see Clause 16), e.g. ultrasonically.  Clause 16 refers to cylinder repairs not a check of wall thickness. | |  | |  |  |
| DT8 | Table B.1  ed | | Dent  The ‘OR’ section should be lined and aligned in column 3 and 4 as per ‘Cut and gouge.’ | |  | |  |  |
| DT9 | C.4.4.  Eq C.2  ge | | The unit F in equation C.2 is not defined. | | Define the unit or change if for P | |  |  |
| DT10 | Table E 1  ge | | *Corrosion*  *Tumble with aluminium oxide chips, pellets or glass beads*  *Blasting (e.g. with glass beads) (see Clause 10)*  Clause 10 refers to Inspection of cylinder neck so it is unclear as to the relationship with corrosion in the context of cleaning method. | |  | |  |  |

Dispatch 2

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| **EN 12493\_2013 + A1\_2014 prA2** | | **LPG equipment and accessories - Welded steel pressure vessels for LPG road tankers - Design and manufacture** | | Where to refer in RID/ADR: | | Applicable sub-sections and paragraphs:  6.8.2.6.1, 6.8.4 | | |
| WI 00286174 | |
| Assessment by CEN Consultant to be provided (informal assessment provided on a first draft on 2016/07/22). | | | | | | | | |
| **Comments from members of the Joint Meeting:** | | | | | | | | |
| Country | Clause No. | | Comment (justification for change) | | Proposed change | | Comment from  CEN Consultant | Comment from  WG Standards |
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B. Standards at Stage 3 or 4: Submitted for Formal vote or Published

Dispatch 1

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| **EN ISO 11114-1\_2012 FprEN A1** | | **Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials - Amendment 1** | | | Where to refer in RID/ADR | | Applicable sub-sections and paragraphs:  **P200, 4.1.6.15, 6.2.2.2, 6.2.2.7.4, 6.2.2.9.2, 6.7.5.2.4** | | |
| WI 00023181 | |
| Positive assessment by CEN Consultant provided. | | | | | | | | | |
| Enquiry draft not discussed by STD’s WG | | | | | | | | | |
| **Comments from members of the Joint Meeting:** | | | | | | | | | |
| Country | Clause No. | | Comment (justification for change) | | | Proposed change | | Comment from CEN Consultant | Comment from WG Standards |
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| **Decision of the STD’s WG:** | | | Accepted  Refused  Postponed | Comments | | , No transition regulation required. | | | |

Dispatch 1

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

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

Dispatch 2

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| **FprEN 1439** | | **LPG equipment and accessories - Procedure for checking transportable refillable LPG cylinders before, during and after filling** | | | Where to refer in RID/ADR | | Applicable sub-sections and paragraphs:  **P200,** | | |
| WI 00286165 | |
| Assessment by CEN Consultant to be provided. | | | | | | | | | |
| Enquiry draft discussed meeting 14-18 March 2016 | | | | | | | | | |
| **Comments from members of the Joint Meeting** | | | | | | | | | |
| Country | Clause No. | | Comment (justification for change) | | | Proposed change | | Comment from CEN Consultant | Comment from WG Standards |
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| **Decision of the STD’s WG:** | | | Accepted  Refused  Postponed | Additional comments | | | | | No transition regulation required. |

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| **FprEN 13952\_2017** | | **LPG equipment and accessories - Filling operations for LPG cylinders** | | | | Where to refer in RID/ADR  ?? | | Applicable sub-sections and paragraphs:  **Not referred yet** | |
| WI 00286166 | |
| Assessment by CEN Consultant to be provided | | | | | | | | | |
| Enquiry draft discussed meeting 14-18 March 2016 | | | | | | | | | |
| **Comments from members of the Joint Meeting:** | | | | | | | | | |
| Country | Clause No. | | Comment (justification for change) | | Proposed change | | Comment from CEN Consultant | | Comment from WG Standards |
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| **Decision of the STD’s WG:** | | | Accepted  Refused  Postponed | Additional comments | Proposed transition regulation | | Applicable for new type approvals or for renewals | | Latest date for withdrawal of existing type approvals |
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Dispatch 2

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| **EN ISO 10297\_2014 Fpr A1** | | **Gas cylinders - Cylinder valves - Specification and type testing (ISO 10297:2014/FDAM 1:2016)** | | | | Where to refer in RID/ADR | | Applicable sub-sections and paragraphs: | |
| WI 00023190 | |
| Assessment by CEN Consultant pending | | | | | | | | | |
| Std version discussed meeting 17- 21 March 2014 | | | | | | | | | |
| **Comments from members of the Joint Meeting:** | | | | | | | | | |
| Country | Clause No. | | Comment (justification for change) | | Proposed change | | Comment from CEN Consultant | | Comment from WG Standards |
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| **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 |
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WIs of General purpose standards reaching soon publication (reference of standards in RIDADR)

Will be transmitted early 2017

1. In accordance with the programme of work of the Inland Transport Committee for 2016-2017, (ECE/TRANS/2016/28/Add.1 (9.2)). [↑](#footnote-ref-2)
2. \*\* Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2017/12. [↑](#footnote-ref-3)