**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 12 September 2019**

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

Geneva, 17–27 September 2019

Item 3 of the provisional agenda

**Standards**

Information on work of the Working Group on Standards

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-CENELEC Management Centre (CCMC) proposed standards for referencing in the RID/ADR. As mentioned during the last Joint Meeting, the European Commission decided to close the Mandate M/086. Consequently, there is no HAS Consultant for TDG anymore. The industries are seeking funding for an independent advisor.

Activities during the last semester

2. CEN had prepared 1 dispatch on 25 May 2019 for consideration by the Working Group. No independent assessment was provided.

3. The Chair of the Working Group of Standards had reviewed the table in 4.1.6.15 of RID/ADR and found an inconsistent approach to the referencing of ISO standards. Some were accompanied by a note reading “The EN version of this ISO standard fulfils the requirements and may also be used.” However, this note is applied inconsistently, in one case it is present when the reference is to an EN ISO standard and sometimes it is not used when the standard referenced is an ISO standard which is also published as an EN ISO. The Chair asked the Working Group on Standards to agree to amend these references so that EN ISO standards are referenced consistently.

4. Proposals for amendment of 4.1.6.15 are given at the end of the Annex of this paper as agreed by the Working Group on Standards. The principle adopted is to reference the EN ISO version wherever one exists.

5. The Annex shows the results of the teleconference of the Working Group on Standards held on 3 September 2019.

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 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.

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 | 00023214 | prEN 12245 rev | Transportable gas cylinders Fully wrapped composite cylinders |
| CEN/TC 23 | 00023215 | prEN ISO 11114-2 rev | Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 2: Non-metallic materials |
| CEN/TC 286 | 00286197 | EN 14071:2015+A1:2019 | LPG equipment and accessories - Pressure relief valves for LPG pressure vessels - Ancillary equipment |
| CEN/TC 286 | 00286198 | prEN 14427 rev | LPG equipment and accessories - Transportable refillable fully wrapped composite cylinders for LPG - Design and construction |

New and amended references to standards

8. Since the session of March 2019, draft standards have reached the enquiry and Formal vote stages. They have been made available for consultation by members of the Joint Meeting on the dedicated CEN webpage (Dispatch 1).

9. Members of the Joint Meeting have already been invited to provide their comments on the documents listed in Dispatch 1. They still have the time to provide their comments to CCMC ([macarreira@cencenelec.eu](mailto:macarreira@cencenelec.eu)) – **till 15st June 2019**. It is foreseen to organize ad hoc web-conferences in order to review those comments second beginning September 2019 (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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| **EN 16728:2016+A1:2018/prA2:2019** | | **LPG equipment and accessories - Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders - Periodic inspection** | | | Where to refer in RID/ADR:  6.2.4.2 | | Applicable sub-sections and paragraphs:  **Not required** | | |
| 00286191 | |
| Assessment by Advisor awaited | | | | | | | | | |
| **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 |  | | | | | |

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| **prEN 12493 rev** | | **LPG equipment and accessories - Welded steel pressure vessels for LPG road tankers - Design and manufacture** | | | Where to refer in RID/ADR:  **6.8.2.6.1 (ADR)** | | Applicable sub-sections and paragraphs:  **6.8.2.1, 6.8.2.5, 6.8.3.1, 6.8.3.5, 6.8.5.1-6.8.5.3** | | |
| 00286194 | |
| Assessment by Advisor awaited | | | | | | | | | |
| **Comments from members of the Joint Meeting:** | | | | | | | | | |
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| **Decision of the STD’s WG:** | | Accepted  Refused  Postponed | | Comments |  | | | | | |

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| **prEN 13953 rev** | | **LPG equipment and accessories - Pressure relief valves for transportable refillable cylinders for Liquefied Petroleum Gas (LPG)** | | | Where to refer in RID/ADR:  6.2.4.1 *for closures* | | Applicable sub-sections and paragraphs:  **6.2.3.1, 6.2.3.3 and 6.2.3.4** | | |
| 00286195 | |
| Assessment by Advisor awaited | | | | | | | | | |
| **Comments from members of the Joint Meeting:** | | | | | | | | | |
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| 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 |  | | | | | |

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| **EN 1440:2016+A1:2018/prA2:2019** | | **LPG equipment and accessories - Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders - Periodic inspection** | | | Where to refer in RID/ADR:  6.2.4.2 | | Applicable sub-sections and paragraphs:  **Not required** | | |
| 00286196 | |
| Assessment by Advisor awaited | | | | | | | | | |
| **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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| **prEN 13094** | | **Tanks for the transport of dangerous goods – Metallic gravity discharge tanks – Design and construction** | | | Where to refer in RID/ADR:  6.8.2.6.1 | | Applicable sub-sections and paragraphs:  **6.8.2.1** | | |
| 00296089 | |
| Assessment by Advisor awaited | | | | | | | | | |
| **Comments from members of the Joint Meeting:** | | | | | | | | | |
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| **prEN ISO 11114-1** | | **Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials** | | | Where to refer in RID/ADR:  P200 (13) 2.4, 4.1.6.15 | | Applicable sub-sections and paragraphs:  **4.1.6.2 (not relevant for P200)** | | |
| 00023210 | |
| Assessment by Advisor awaited | | | | | | | | | |
| **Comments from members of the Joint Meeting:** | | | | | | | | | |
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| **Decision of the STD’s WG:** | | Accepted  Refused  Postponed | | Comments |  | | | | | |

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

Dispatch 1

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| **FprEN ISO 9809-1** | | **Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 1: Quenched and tempered steel cylinders and tubes with tensile strength less than 1100 MPa** | | | Where to refer in RID/ADR  **6.2.4.1** | | **Applicable sub-sections and paragraphs:**  **6.2.3.1 and 6.2.3.4** | | |
| 00023197 | |
| Assessment by Advisor awaited | | | | | | | | | |
| Enquiry draft discussed by STD’s WG in | | | | | | | | | |
| **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 | | |  |  |  | | --- | --- | --- | | Proposed transition regulation | Applicable for new type approvals or renewals | Latest date for withdrawal of existing type approvals | | EN ISO 9809-1:2010 | 31 December 2022 |  | | EN ISO 9809-1:2019 | Until further notice |  | | | | |

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| **FprEN ISO 9809-2** | | **Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 2: Quenched and tempered steel cylinders and tubes with tensile strength greater than or equal to 1100 MPa** | | | Where to refer in RID/ADR  6.2.4.1 | | **Applicable sub-sections and paragraphs:**  **6.2.3.1 and 6.2.3.4** | | |
| 00023197 | |
| Assessment by Advisor awaited | | | | | | | | | |
| Enquiry draft discussed by STD’s WG in | | | | | | | | | |
| **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 |  | | |  |  |  | | --- | --- | --- | | Proposed transition regulation | Applicable for new type approvals or for renewals | Latest date for withdrawal of existing type approvals | | EN ISO 9809-2:2010 | 31 December 2022 |  | | EN ISO 9809-2:2019 | Until further notice |  | | | | |

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| **FprEN ISO 9809-3** | | **Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 3: Normalized steel cylinders and tubes** | | | **Where to refer in RID/ADR**  6.2.4.1 | | **Applicable sub-sections and paragraphs:**  **6.2.3.1 and 6.2.3.4** | | |
| 00023199 | |
| Assessment by Advisor awaited | | | | | | | | | |
| Enquiry draft discussed by STD’s WG in | | | | | | | | | |
| **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 |  | | |  |  |  | | --- | --- | --- | | Proposed transition regulation | Applicable for new type approvals or for renewals | Latest date for withdrawal of existing type approvals | | EN ISO 9809-3:2010 | 31 December 2022 |  | | EN ISO 9809-3:2019 | Until further notice |  | | | | |

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| **EN ISO 10462:2013/prA1**  00023207 | | **Gas cylinders - Acetylene cylinders - Periodic inspection and maintenance - Amendment 1 (ISO 10462:2013/DAM 1:2018)** | | | **Where to refer in RID/ADR**  **6.2.4.2** | | **Applicable sub-sections and paragraphs:**  **Not required** | | |
| Assessment by Advisor awaited | | | | | | | | | |
| Enquiry draft discussed by STD’s WG in | | | | | | | | | |
| **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 |  | | |  |  | | --- | --- | | Proposed transition regulation | Applicable | | EN ISO 10462:2013 | Until 31 December 2022 | | EN ISO 10462:2013 +AI:2019 | Mandatorily from 1 January 2023 | |  |  | | | | |

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| **EN ISO 10460:2018** | | **Gas cylinders - Welded aluminium-alloy, carbon and stainless steel gas cylinders - Periodic inspection and testing** | | | **Where to refer in RID/ADR**  **6.2.4.2** | | **Applicable sub-sections and paragraphs:**  **Not required** | | |
| 00023205 | |
| Assessment by Advisor awaited | | | | | | | | | |
| Enquiry draft discussed by STD’s WG in | | | | | | | | | |
| **Comments from members of the Joint Meeting:** | | | | | | | | | |
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| **Decision of the STD’s WG:** | | | Accepted  Refused  Postponed |  | | |  |  | | --- | --- | | Proposed transition regulation | Applicable | | EN 1803:2002 (except Annex B) | Until 31 December 2022 | | EN ISO 10460:2018 | Mandatorily from 1 January 2023 | | | | |

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

No new supporting standard.

**Amendments to 4.1.6.15 proposed by the Working Group on Standards**

The Chairman pointed out an inconsistency in the way EN ISO standards were referenced in the table in 4.1.6.15. Following a discussion in the teleconference, it was decided to refer to EN ISO standards whenever they existed. This lead to the following amendments in the table.

1. Replace the reference to ISO 11114-2:2013 with

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| EN ISO 11114-2:2013 | Gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 2: Non-metallic materials |

1. Replace the reference to ISO 11621:1997 with

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| either ISO 11621:1997 or EN ISO 11621:2005 | Gas cylinders – Procedures for change of gas service  *.* |

1. In reference to ‘Annex A of EN ISO 10297:2006 or annex A of EN ISO 10297:2014 or annex A of EN ISO 10297:2014 + A1:2017 delete “***NOTE:*** *The EN version of this ISO standard fulfils the requirements and may also be used.*
2. In the row of the table starting 4.1.6.8 (b) replace “either ISO 11117:1998 or ISO 11117:2008 + Cor 1:2009” with “either ISO 11117:1998 or EN ISO 11117:2008 + Cor 1:2009