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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 2022

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 revised 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) has proposed standards for referencing in the RID/ADR/ADN.

Activities during the last semester

2. CEN prepared five dispatches on 18 October 2021, 8 November 2021, 9 November 2021, 6 December 2021, and 7 December 2021 for consideration by the Working Group. Independent assessments shall be provided for the standards in all five dispatches.

New work items

3. 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.

4. 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.

* A/76/6 (Sect.20), para. 20.76.

** Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2022/11.

*** This document was scheduled for publication after the standard publication date owing to circumstances beyond the submitter's control.

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

| Responsible standardizing body | Work item No. | Reference | Title |
|--------------------------------|---------------|--------------------|--|
| CEN/TC 23 | 00023212 | prEN ISO 11623 rev | Gas cylinders - Composite construction - Periodic inspection and testing |
| CEN/TC 296 | 00296109 | prEN 14432 rev | Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals and liquefied gases - Product discharge and air inlet valves |
| CEN/TC 296 | 00296110 | prEN 14433 rev | Tanks for the transport of dangerous goods - Tank equipment for the transport of liquid chemicals and liquefied gases - Foot valves |
| CEN/TC 296 | 00296107 | prCEN/TR 15120 | Tanks for transport of dangerous goods - Guidance and recommendations for loading, transport and unloading |

New and amended references to standards

5. Since the session of September 2021, draft standards have reached the enquiry, formal vote or publication stages. These are listed in the annex of this paper.

6. Members of the Joint Meeting have already been invited to provide their comments on the documents listed in Dispatch 1, 2 3, 4 and 5. They still have the time to provide their comments to CCMC (macarreira@cencenelec.eu) – till 14 December 2021 although it is expected that most comments will be made nearer to the web conferences. It is foreseen to organize ad hoc web-conferences to review comments at the end of February 2022 (calendar of dates still to be defined with Joint Meeting 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

| | | | | | |
|---|------------|---|---|--|---------------------------|
| EN 13094:2020/prA1 | | 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 | |
| 00296111 | | | | | |
| Assessment by the JMSA: This standard is not currently compliant with the ADR and is not suitable for inclusion in the referenced standards | | | | | |
| Comments from members of the Joint Meeting: no comment | | | | | |
| Country | Clause No. | Comment (justification for change) | Proposed change | Comment from JMSA | Comment from WG Standards |
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| Decision of the STD's WG: | | Comments | | | |

Dispatch 3

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|--|------------|---|---------------------------------------|--|---------------------------|
| EN ISO 18119:2018/A1:2021 | | Gas cylinders - Seamless steel and seamless aluminium-alloy gas cylinders and tubes - Periodic inspection and testing - Amendment 1 (ISO 18119:2018/Amd 1:2021) | Where to refer in RID/ADR: 6.2.4.2 | Applicable sub-sections and paragraphs: (6.2.3.5) | |
| 00023228 | | | | | |
| Assessment by the JMSA: Positive assessment by the JMSA: ISO 18119:2018/Amd.1:2021 is suitable for referencing in the ADR if the wording “ <i>Notwithstanding clause B.1 of this standard all cylinders and tubes whose wall thickness is less than the minimum design wall thickness shall be rejected</i> ” is included as a note against the reference. | | | | | |
| Comments from members of the Joint Meeting: | | | | | |
| Country | Clause No. | Comment (justification for change) | Proposed change | Comment from JMSA | Comment from WG Standards |
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| Decision of the STD's WG: | | Comments | | | |

Dispatch 4

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|--|------------|--|---------------------------------------|--|---------------------------|
| prEN 14841 rev | | LPG equipment and accessories - Discharge procedures for LPG rail tankers | Where to refer in RID: TBA | Applicable sub-sections and paragraphs: TBA | |
| 00286219 | | | | | |
| Assessment of the JMSA: not yet received | | | | | |
| Comments from members of the Joint Meeting: | | | | | |
| Country | Clause No. | Comment (justification for change) | Proposed change | Comment from JMSA | Comment from WG Standards |
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| Decision of the STD's WG: | | Comments | | | |

Dispatch 5

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|---|------------|---|---|--|---------------------------|
| prEN 14025 rev | | Tanks for the transport of dangerous goods - Metallic pressure tanks - Design and construction | Where to refer in RID/ADR: 6.8.4 TT11, 6.8.2.6.1 for tanks | Applicable sub-sections and paragraphs: 6.8.2.1 and 6.8.3.1 | |
| 00296106 | | | | | |
| Assessment of the JMSA: made on the previous ENQ version (2021-06-25): "This standard has one minor discordance with the ADR and if corrected can be approved for inclusion in the referenced standards". | | | | | |
| Comments from members of the Joint Meeting: Note: new version submitted to ENQ | | | | | |
| Country | Clause No. | Comment (justification for change) | Proposed change | Comment from JMSA | Comment from WG Standards |
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| Decision of the STD's WG: | | Comments | | | |

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

Dispatch 1

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|--|------------|--|--|--|---|--|
| FprEN 12245 | | Transportable gas cylinders - Fully wrapped composite cylinders | Where to refer in RID/ADR 6.2.4.1 | Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4 | | |
| 00023214 | | | | | | |
| Assessment of the JMSA: this standard can be approved for inclusion in the ADR | | | | | | |
| Comments from members of the Joint Meeting: | | | | | | |
| Country | Clause No. | Comment (justification for change) | Proposed change | Comment from JMSA | Comment from WG Standards | |
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| Decision of the STD's WG: | | Comments Agree on the referencing for (1) pressure receptacles | Proposed transition regulation | Applicable for new type approvals or renewals | Latest date for withdrawal of existing type approvals | |
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Dispatch 1

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|--|------------|---|--|--|---------------------------|--|
| FprEN 14427 | | LPG equipment and accessories - Transportable refillable composite cylinders for LPG - Design and construction | Where to refer in RID/ADR 6.2.4.1 | Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4 | | |
| 00286198 | | | | | | |
| Assessment of the JMSA: this standard can be approved for inclusion in the ADR | | | | | | |
| Comments from members of the Joint Meeting: | | | | | | |
| Country | Clause No. | Comment (justification for change) | Proposed change | Comment from JMSA | Comment from WG Standards | |
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| Decision of the STD's WG: | | Comments | Proposed transition regulation | Applicable for new type approvals or renewals | Latest date for withdrawal of existing type approvals |
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Dispatch 4

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|--|------------|---|--|---|---|--|
| prEN 14334 rev | | LPG equipment and accessories - Inspection and testing of LPG road tankers | Where to refer in RID/ADR 6.8.2.6.2 | Applicable sub-sections and paragraphs: 6.8.2.4 (except 6.8.2.4.1), 6.8.3.4.2, and 6.8.3.4.9 | | |
| 00286220 | | | | | | |
| Assessment of the JMSA: not yet received | | | | | | |
| Comments from members of the Joint Meeting: | | | | | | |
| Country | Clause No. | Comment (justification for change) | Proposed change | Comment from JMSA | Comment from WG Standards | |
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| Decision of the STD's WG: | | Comments Agree on referencing | Proposed transition regulation | Applicable for new type approvals or renewals | Latest date for withdrawal of existing type approvals | |
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| FprEN 12252 | | LPG equipment and accessories - Equipping of LPG road tankers | Where to refer in RID/ADR 6.8.2.6.1 | Applicable sub-sections and paragraphs: 6.8.3.2 and 6.8.3.4.9 | | |
| 00286213 | | | | | | |
| Assessment of the JMSA: not yet received | | | | | | |
| Comments from members of the Joint Meeting: no comment | | | | | | |
| Country | Clause No. | Comment (justification for change) | Proposed change | Comment from JMSA | Comment from WG Standards | |
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| Decision of the STD's WG: | | Comments Agree on referencing | Proposed transition regulation | Applicable for new type approvals or renewals | Latest date for withdrawal of existing type approvals | |
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| FprEN 13799 | | LPG equipment and accessories - Contents gauges for Liquefied Petroleum Gas (LPG) pressure vessels | Where to refer in RID/ADR 6.2.4.1 for closures 6.8.2.6.1 for equipment | Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.3 6.8.2.2.1 and 6.8.2.2.11 | | |
| 00286192 | | | | | | |
| Assessment of the JMSA: not yet received | | | | | | |
| Comments from members of the Joint Meeting: | | | | | | |
| Country | Clause No. | Comment (justification for change) | Proposed change | Comment from JMSA | Comment from WG Standards | |
| | | No comment | | | | |
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| Decision of the STD's WG: | | Comments We already approved this standard at the September 2021 Joint Meeting see informal document INF.15, proposal 3.4. | Proposed transition regulation | Applicable for new type approvals or renewals | Latest date for withdrawal of existing type approvals | |
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| FprEN 14912 | | LPG equipment and accessories - Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders | Where to refer in RID/ADR P 200, (12) 3.4; 6.2.4.2 | Applicable sub-sections and paragraphs: 6.2.3.5 | | |
| 00286211 | | | | | | |
| Assessment of the JMSA: not yet received | | | | | | |
| Comments from members of the Joint Meeting: | | | | | | |
| Country | Clause No. | Comment (justification for change) | Proposed change | Comment from JMSA | Comment from WG Standards | |
| D | 5.4.3 | We don't agree with the option of a batch test for pressure relief valves fitted to cylinders not having a 15 year periodic inspection interval and not older than 15 years as given in 5.4.3 of the standard. In our opinion, a 100 % test is always necessary and shall not depend on the periodic inspection interval and we don't see how the proposed batch test can be practically carried out in the field with the requirement that a "batch is specified defined as a monthly production of valves done by a single manufacturer with a same valve design." | | | | |
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| Decision of the STD's WG: | | Comments | Proposed transition regulation | Applicable for new type approvals or renewals | Latest date for withdrawal of existing type approvals | |
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