



# Economic and Social Council

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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, 10-11 September and Geneva, 14-18 September 2020

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 the European Committee for Standardization and the European Committee for Electrotechnical Standardization (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.

#### Activities during the last semester

2. CEN prepared 3 dispatches on 8 April 2020, 11 May 2020, 2 June 2020 for consideration by the Working Group. Independent assessments were provided for the standards in all three dispatches.

3. The non-governmental organizations European Cylinder Makers Association, (ECMA), European Industrial Gases Association (EIGA) and Liquid Gas Europe (LGE), have reached an agreement on sharing the costs of a Joint Meeting Standards Advisor (JMSA). Mr. John Williams has been hired as JMSA following a contract between these parties.

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\* 2020 (A/74/6 (Sect.20) and Supplementary, Subprogramme 2).

\*\* Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2020/58.

4. The JMSA will be formally nominated at the Joint Meeting Session in September 2020.
5. The Chairman of the Working Group on Standards has reviewed the procedure of cooperation of the Joint meeting and the CEN-CENELEC and proposed a new version to align the procedure with the principle agreed between CEN and European Cylinder Makers Association (ECMA), European Industrial Gases Association (EIGA) and Liquid Gas Europe (LGE) on the role and tasks of the JMSA. This proposal is available in document ECE/TRANS/WP.15/AC.1/2020/52. It also makes minor changes in procedure to allow for the skipping of the Formal Vote and certain activities concerning general purpose standards have been transferred to the Working Group on Standards from the CEN Consultant.

## 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.
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 286                     | 00286198      | prEN 14427 rev | LPG equipment and accessories - Transportable refillable fully wrapped composite cylinders for LPG - Design and construction  |
| CEN/TC 286                     | 00286209      | prEN 14071 rev | LPG equipment and accessories - Pressure relief valves for LPG pressure vessels - Ancillary equipment                         |
| CEN/TC 286                     | 00286210      | prEN 14129 rev | LPG Equipment and accessories - Pressure relief valves for LPG pressure vessels   |
| CEN/TC 286                     | 00286211      | prEN 14912 rev | LPG equipment and accessories - Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders |

## New and amended references to standards

8. Since the postponement of the March 2020 session of the Joint Meeting, draft standards have reached the enquiry, formal vote or publication stages. These are listed in Annex.
9. Members of the Joint Meeting have already been invited to provide their comments on the documents listed in Dispatch 1, 2 and 3. They still had time to provide their comments to CCMC ([macarreira@cencenelec.eu](mailto:macarreira@cencenelec.eu)) – **till 12 June 2020** although it is expected that most comments will be made nearer to the web conferences. It is foreseen to organize ad hoc web-conferences in order to review comments at the end of August 2020 (calendar of dates still to be defined with the Working Group on Standards of the Joint Meeting). 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 3

|   |            |  |          |                                   |                 |  |                           |
|---|------------|--|----------|-----------------------------------|-----------------|--|---------------------------|
| <b>prEN 14894 rev</b>   |            | <b>LPG equipment and accessories - Cylinder and drum marking</b> |          | <b>Where to refer in RID/ADR:</b> |                 | <b>Applicable sub-sections and paragraphs:</b> |                           |
| 00286204  |            |  |          | XXXXXX                            |                 |  |                           |
| Assessment by the JMSA: the prEN 14894 rev is a marking standard and the policy is that marking standards are not referenced by the ADR. The Chair of the JM WG on standards has confirmed that no assessment is required for prEN 14894. |            |  |          |                                   |                 |  |                           |
| <b>Comments from members of the Joint Meeting:</b>  |            |  |          |                                   |                 |  |                           |
| Country   | Clause No. | Comment (justification for change)                               |          |                                   | Proposed change | Comment from JMSA                              | Comment from WG Standards |
|   |            |  |          |                                   |                 |  |                           |
|   |            |  |          |                                   |                 |  |                           |
| <b>Decision of the STD's WG:</b>  |            | Accepted   | Comments |                                   |                 |  |                           |

Dispatch 3

|   |  |   |  |                                   |  |  |                           |
|---|--|---|--|-----------------------------------|--|--|---------------------------|
| <b>prEN 13799</b>   |  | <b>LPG equipment and accessories - Contents gauges for Liquefied Petroleum Gas (LPG) pressure vessels</b> |  | <b>Where to refer in RID/ADR:</b> |  | <b>Applicable sub-sections and paragraphs:</b> |                           |
| 00286192  |  |   |  | XXXXX                             |  | XXXXX  |                           |
| Positive assessment by the JMSA: This standard is compliant with the ADR and can be approved for inclusion in the referenced standards. |  |   |  |                                   |  |  |                           |
| <b>Comments from members of the Joint Meeting:</b>  |  |   |  |                                   |  |  |                           |
|   |  |   |  |                                   |  |  | Comment from WG Standards |
|   |  |   |  |                                   |  |  |                           |

|                                  |          |          |  |
|----------------------------------|----------|----------|--|
| <b>Decision of the STD's WG:</b> | Accepted | Comments |  |
|----------------------------------|----------|----------|--|

## Dispatch 3

|   |  |                                    |   |  |                           |
|---|--|------------------------------------|---|--|---------------------------|
| <b>prEN 12493</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:<br/>6.8.2.6.1</b> | <b>Applicable sub-sections and paragraphs:<br/>6.8.2.1, 6.8.2.5, 6.8.3.1, 6.8.3.5 and 6.8.5.1 to 6.8.5.3</b> |                           |
| 00286194  |  |                                    |   |  |                           |
| Positive assessment by the JMSA: This standard is compliant with the ADR and can be approved for inclusion in the referenced standards. |  |                                    |   |  |                           |
| <b>Comments from members of the Joint Meeting:</b>  |  |                                    |   |  |                           |
| Country   | Clause No.   | Comment (justification for change) | Proposed change                                 | Comment from JMSA  | Comment from WG Standards |
|   |  |                                    |   |  |                           |
|   |  |                                    |   |  |                           |
| <b>Decision of the STD's WG:</b>  | Accepted   | Comments                           |   |  |                           |

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

Dispatch 1

|   |            |  |          |  |  |   |
|---|------------|--|----------|--|--|---|
| <b>FprEN 17339</b>  |            | <b>Transportable gas cylinders - Fully wrapped carbon composite cylinders and tubes for hydrogen</b> |          | <b>Where to refer in RID/ADR 6.2.4.1</b> | <b>Applicable sub-sections and paragraphs: 6.2.3.1 and 6.2.3.4</b> |   |
| 00023203  |            |  |          |  |  |   |
| Positive assessment by the JMSA: This standard is compliant with the ADR and can be approved for inclusion in the referenced standards. |            |  |          |  |  |   |
| Enquiry draft discussed by STD's WG in March 2019 and again in September 2019 to discuss previous opinion on non-conformity             |            |  |          |  |  |   |
| <b>Comments from members of the Joint Meeting:</b>  |            |  |          |  |  |   |
| Country   | Clause No. | Comment (justification for change)   |          | Proposed change                          | Comment from JMSA  | Comment from WG Standards                             |
|   |            |  |          |  |  |   |
|   |            |  |          |  |  |   |
| <b>Decision of the STD's WG:</b>  |            | Accepted   | Comments | Proposed transition regulation           | Applicable for new type approvals or renewals                      | Latest date for withdrawal of existing type approvals |
|   |            |  |          | EN 17339:2020                            | Mandatorily from 1 January 2025                                    | Until further notice                                  |
|   |            |  |          |  |  |   |

Dispatch 1

|   |  |   |  |   |  |  |
|---|--|---|--|---|--|--|
| <b>FprEN ISO 11114-1</b>  |  | <b>Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials (ISO/FDIS 11114-1:2020)</b> |  | <b>Where to refer in RID/ADR 4.1.6.15</b> | <b>Applicable sub-sections and paragraphs: 4.1.6.2</b> |  |
| 00023210  |  |   |  |   |  |  |
| Positive Assessment by the JMSA: This standard is compliant with the ADR and can be approved for inclusion in the referenced standards. |  |   |  |   |  |  |
| Enquiry draft discussed by STD's WG in September 2019 - accepted  |  |   |  |   |  |  |
| <b>Comments from members of the Joint Meeting:</b>  |  |   |  |   |  |  |

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| Country                          | Clause No. | Comment (justification for change) |                                | Proposed change                               | Comment from JMSA                                     | Comment from WG Standards |
|----------------------------------|------------|------------------------------------|--------------------------------|---|---|---------------------------|
|                                  |            |                                    |                                |   |   |                           |
|                                  |            |                                    |                                |   |   |                           |
| <b>Decision of the STD's WG:</b> | Accepted   | Comments                           | Proposed transition regulation | Applicable for new type approvals or renewals | Latest date for withdrawal of existing type approvals |                           |
|                                  |            |                                    | None required                  |   |   |                           |
|                                  |            |                                    |                                |   |   |                           |

## Dispatch 1

| <b>FprEN 13953</b>  | <b>LPG equipment and accessories - Pressure relief valves for transportable refillable cylinders for Liquefied Petroleum Gas (LPG)</b> |                                    | <b>Where to refer in RID/ADR 6.2.4.1</b> | <b>Applicable sub-sections and paragraphs: 6.2.3.1, 6.2.3.3 and 6.2.3.4</b> |   |                           |
|---|--|------------------------------------|--|---|---|---------------------------|
| 00286195  |  |                                    |  |   |   |                           |
| Positive Assessment by the JMSA: This standard is compliant with the ADR and can be approved for inclusion in the referenced standards. |  |                                    |  |   |   |                           |
| Enquiry draft discussed by STD's WG in September 2019 - accepted  |  |                                    |  |   |   |                           |
| <b>Comments from members of the Joint Meeting:</b>  |  |                                    |  |   |   |                           |
| Country   | Clause No.   | Comment (justification for change) |  | Proposed change   | Comment from JMSA                                     | Comment from WG Standards |
|   |  |                                    |  |   |   |                           |
|   |  |                                    |  |   |   |                           |
| <b>Decision of the STD's WG:</b>  | Accepted   | Comments                           | Proposed transition regulation           | Applicable for new type approvals or renewals                               | Latest date for withdrawal of existing type approvals |                           |
|   |  |                                    | EN 13953:2015                            | Between 1 January 2017 and 31 December 2024                                 |   |                           |
|   |  |                                    | EN 13953:2020                            | Until further notice  |   |                           |

|   |            |  |  |  |   |   |
|---|------------|--|--|--|---|---|
| <b>FprEN 13094</b>  |            | <b>Tanks for the transport of dangerous goods - Metallic gravity discharge tanks - Design and construction</b> | <b>Where to refer in RID/ADR<br/>6.8.2.6.1</b> | <b>Applicable sub-sections and paragraphs:<br/>6.8.2.1</b> |   |   |
| 00296089  |            |  |  |  |   |   |
| Negative Assessment by the JMSA (Currently FprEN 13094 is not currently suitable for referencing in the ADR)<br>Nevertheless, following an exchange with CEN/TC 296 experts, the JMSA further confirms on 2020-06-09 that when the CEN/TC 296 proposed amendments will be made to the draft standard all of the non-compliances that the JMSA identified, in his assessment of FprEN 13094:2020 dated the 20th May 2020, will be clarified and/or resolved. |            |  |  |  |   |   |
| Enquiry draft discussed by STD's WG in September 2019 - accepted  |            |  |  |  |   |   |
| <b>Comments from members of the Joint Meeting:</b>  |            |  |  |  |   |   |
| Country   | Clause No. | Comment (justification for change)   |  | Proposed change  | Comment from JMSA                             | Comment from WG Standards                             |
|   |            |  |  |  |   |   |
|   |            |  |  |  |   |   |
| <b>Decision of the STD's WG:</b>  |            | Accepted   | Comments                                       | Proposed transition regulation                             | Applicable for new type approvals or renewals | Latest date for withdrawal of existing type approvals |
|   |            |  |  | EN 13094:2015  | Between 1 January 2017 and 31 December 2024   |   |
|   |            |  |  | EN 13094:2020  | Until further notice                          |   |

Dispatch 3

|   |  |   |   |   |  |  |
|---|--|---|---|---|--|--|
| <b>EN ISO 16148:2016/prA1</b>   |  | <b>Gas cylinders - Refillable seamless steel gas cylinders and tubes - Acoustic emission examination (AT) and follow-up ultrasonic examination (UT) for periodic inspection and testing - Amendment 1 (ISO 16148:2016/DAM 1:2020)</b> | <b>Where to refer in RID/ADR<br/>6.2.3.5.1 NOTE 2</b> | <b>Applicable sub-sections and paragraphs:<br/>Not applicable</b> |  |  |
| 00023216  |  |   |   |   |  |  |
| Positive assessment by the JMSA: This standard is compliant with the ADR and can be approved for inclusion in the referenced standards. |  |   |   |   |  |  |
| Enquiry draft discussed by STD's WG in March 2020 – proposed and accepted by Joint Meeting  |  |   |   |   |  |  |

| <b>Comments from members of the Joint Meeting:</b> |            |                                    |                                |   |   |                           |
|--|------------|------------------------------------|--------------------------------|---|---|---------------------------|
| Country  | Clause No. | Comment (justification for change) |                                | Proposed change                               | Comment from JMSA                                     | Comment from WG Standards |
|  |            |                                    |                                |   |   |                           |
|  |            |                                    |                                |   |   |                           |
| <b>Decision of the STD's WG:</b>                   | Accepted   | Comments                           | Proposed transition regulation | Applicable for new type approvals or renewals | Latest date for withdrawal of existing type approvals |                           |
|  |            |                                    | Transition not required        |   |   |                           |
|  |            |                                    |                                |   |   |                           |

## Dispatch 3

| EN<br>13175:2019+prA1:20<br>20  | LPG Equipment and accessories - Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings | Where to refer in RID/ADR<br>6.2.4.1 <i>closures</i> ,<br>6.8.2.6.1 <i>equipment</i> | Applicable sub-sections and paragraphs:<br>6.2.3.1 and 6.2.3.3<br>6.8.2.1.1, 6.8.2.2, 6.8.2.4.1 and 6.8.3.2.3 |   |   |                           |
|---|---|--|---|---|---|---------------------------|
| 00286202  |   |  |   |   |   |                           |
| Positive Assessment by the JMSA: This standard is compliant with the ADR and can be approved for inclusion in the referenced standards. |   |  |   |   |   |                           |
| Enquiry draft discussed by STD's WG in March 2020 – proposed and accepted by Joint Meeting  |   |  |   |   |   |                           |
| <b>Comments from members of the Joint Meeting:</b>  |   |  |   |   |   |                           |
| Country   | Clause No.  | Comment (justification for change)   |   | Proposed change                               | Comment from JMSA                                     | Comment from WG Standards |
|   |   |  |   |   |   |                           |
|   |   |  |   |   |   |                           |
| <b>Decision of the STD's WG:</b>  | Accepted  | Comments   | Proposed transition regulation  | Applicable for new type approvals or renewals | Latest date for withdrawal of existing type approvals |                           |
|   |   |  |   |   |   |                           |
|   |   |  |   |   |   |                           |



|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  | EN 13175:2019<br>(except clause 6.1.6) | Between 1 January 2021<br>and 31 December 2024 |  |
|  |  |  | EN 13175:2019 +<br>A1:2020             | Until further notice                           |  |

**EN ISO 21029-2:2015 replacing EN 1251-3:2000 which has been withdrawn**

- The Joint Meeting Working Group on standards has been informed that the EN 1251-3:2000 which is referenced in RID/ADR 6.2.4.2 was withdrawn in 2015, being replaced by EN ISO 21029-2:2015. It has been asked by the Chair of the WG on Standards to include this standard in the dispatch for the September 2020 session, to be reviewed at the Joint Meeting. The JMSA assessment on this standard is positive: the EN ISO 21029-2:2015 is suitable for referencing in the ADR providing that the reference excludes a precise subclause of the standard: the clause 14 - 2nd paragraph, 3rd bullet, 2nd sub-bullet.

| Comments from members of the Joint Meeting: |            |                                    |          |                 |                   |                           |
|---|------------|------------------------------------|----------|-----------------|-------------------|---------------------------|
| Country                                     | Clause No. | Comment (justification for change) |          | Proposed change | Comment from JMSA | Comment from WG Standards |
|   |            |                                    |          |                 |                   |                           |
|   |            |                                    |          |                 |                   |                           |
| <b>Decision of the STD's WG:</b>            |            | Accepted                           | Comments |                 |                   |                           |

**Replacement of EN 1975:1999 + A1:2003 by EN ISO 7866:2012 + AC:2010**

- The Joint Meeting Working Group on standards has been informed that in RID/ADR 6.2.5.4.2 there is an informative reference to EN 1975:1999 + A1:2003 that could potentially be replaced by EN ISO 7866:2012 + AC:2010. Both these standards comply with RID/ADR and the latter is the standard used for current construction. The Joint Meeting Working Group on standards will have to determine whether it should refer to both or only the current standard. Alternatively, it may be decided neither should be mentioned.

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

- None