

## **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**

Geneva, 21 September to 1 October 2021

2 September 2021

Item 3 of the provisional agenda

**Standards**

### **Comments and decisions of the Working Group on Standards**

**Transmitted by the European Committee for Standardisation (CEN)**

#### **Introduction**

This paper lists the summary comments of the Joint Meeting Standards Advisor and the comments and decisions of the Working Group on Standards that were agreed at its virtual meeting of the Working Group during its meeting on 2<sup>nd</sup> September 2021.

## Annex

### A. Standards at Stage 2: Submitted for Public Enquiry

Dispatch 1

|   |            |   |  |  |   |
|---|------------|---|--|--|---|
| <b>prEN ISO 21011</b>   |            | <b>Cryogenic vessels - Valves for cryogenic service<br/>(ISO/DIS 21011:2021)</b>  | <b>Where to refer in<br/>RID/ADR:</b><br><i>6.2.4.1 for closures<br/>6.8.2.6.1 for<br/>equipment</i> | <b>Applicable sub-sections and paragraphs:</b><br>6.2.3.1 and 6.2.3.4<br>6.8.2.2.1 |   |
| 00268076  |            |   |  |  |   |
| 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<br>JMSA   | Comment from<br>WG Standards            |
| UK 1  | 3.5        | Valves of Category B should be excluded from the reference as with EN 1626:2008   |  |  | Agreed                                  |
| D   | 5.1.1      | I am not familiar with cryogenic valves but I think that testing only one sample as requested in EN ISO 21011, 5.1.1 is not sufficient for type testing. If you think the same, this should be discussed. |  |  | CEN/TC268 requested to provide feedback |
| <b>Decision of the<br/>STD's WG:</b>  |            | Comments  |  |  |   |

Dispatch 1

|                       |  |  |   |   |  |
|-----------------------|--|--|---|---|--|
| <b>prEN 13110 rev</b> |  | <b>LPG equipment and accessories - Transportable<br/>refillable welded aluminium cylinders for liquefied<br/>petroleum gas (LPG) - Design and construction</b> | <b>Where to refer in<br/>RID/ADR:</b><br><i>6.2.4.1 for design and<br/>construction</i> | <b>Applicable sub-sections and paragraphs:</b><br>6.2.3.1 and 6.2.3.4 |  |
| 00286214              |  |  |   |   |  |

| 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 |
| UK  |            | No comment                         |                 |                   |                           |
|   |            |                                    |                 |                   |                           |
| <b>Decision of the STD's WG:</b>  |            | None                               | Comments        |                   |                           |

Dispatch 1

| <b>prEN 14129</b>   | <b>LPG Equipment and accessories - Pressure relief valves for LPG pressure vessels</b> | <b>Where to refer in RID/ADR:</b><br>6.2.4.1 <i>for closures</i><br>6.8.2.6.1 <i>for equipment</i> | <b>Applicable sub-sections and paragraphs:</b><br>6.2.3.1, 6.2.3.3 and 6.2.3.4<br>6.8.2.1.1, 6.8.2.2.1 and 6.8.3.2.9 |                   |                           |
|---|--|--|--|-------------------|---------------------------|
| 00286210  |  |  |  |                   |                           |
| 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 |
| UK  | 3.1  | The note in clause 3.11 applies only to tanks not to pressure receptacles.                         | Either delete the note or amend it to state that the requirement applies only to tanks                               | Agreed            | Agreed                    |
| D   | 1  | The Scope should be amended to include pressure drums  | The note in the reference in RID/ADR 6.2.4.1 would then be unnecessary.  | Agreed            | Agreed                    |
| <b>Decision of the STD's WG:</b>  |  | None   | Comments   |                   |                           |

## Dispatch 1

| <b>prEN 14912</b>   |            | <b>LPG equipment and accessories - Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders</b>   | <b>Where to refer in RID/ADR:</b><br>P200 (12), 3.4;<br>6.2.4.2 | <b>Applicable sub-sections and paragraphs:</b><br>6.2.3.5 |   |
|---|------------|--|---|---|---|
| 00286211  |            |  |   |   |   |
| 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   |
| 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." |   |   | TC286 to provide feedback and review the suitability of this approach to testing. |
| UK  | 5.4.3      | Notwithstanding that this clause appears in the 2015 edition of this standard, the UK agrees that batch testing has no place in periodic inspection of pressure relief valves.   |   |   | TC286 to provide feedback and review the suitability of this approach to testing. |
| UK  | 7.2 edit.  | Subclauses of this clause are numbered incorrectly as 7.1.1, 7.1.2 etc   |   |   | editorial   |
| <b>Decision of the STD's WG:</b>  |            |  | <b>Comments</b>   |   |   |

Dispatch 1

|   |            |  |   |  |                           |
|---|------------|--|---|--|---------------------------|
| <b>prEN 12252</b>   |            | <b>LPG equipment and accessories - Equipping of LPG road tankers</b> | <b>Where to refer in RID/ADR:</b><br><i>6.8.2.6.1 for equipment</i> | <b>Applicable sub-sections and paragraphs:</b><br>6.8.2.2.1, 6.8.3.2 and 6.8.3.4.9 |                           |
| 00286213  |            |  |   |  |                           |
| 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 |
| UK  |            | No comment   |   |  |                           |
|   |            |  |   |  |                           |
| <b>Decision of the STD's WG:</b>  |            | None   | Comments  |  |                           |

Dispatch 4

|  |            |   |  |   |                           |
|--|------------|---|--|---|---------------------------|
| <b>prEN 14025 rev</b>  |            | <b>Tanks for the transport of dangerous goods - Metallic pressure tanks - Design and construction</b> | <b>Where to refer in RID/ADR:</b><br><i>6.8.2.6.1 for design and construction of tanks</i><br>6.8.4 TT11 | <b>Applicable sub-sections and paragraphs:</b><br>6.8.2.1 and 6.8.3.1 |                           |
| 00296106   |            |   |  |   |                           |
| Assessment from JMSA: "This standard has one minor discordance with the ADR and if corrected can be approved for inclusion in the referenced standards". |            |   |  |   |                           |
| <b>Comments from members of the Joint Meeting:</b><br><b>Note: The Enquiry draft was rejected by CEN</b>   |            |   |  |   |                           |
| Country  | Clause No. | Comment (justification for change)  | Proposed change  | Comment from JMSA   | Comment from WG Standards |
| UK   |            | No comment  |  |   |                           |
|  |            |   |  |   |                           |
| <b>Decision of the STD's WG:</b>   |            | To be reviewed again when a draft acceptable to CEN is available                                      | Comments   |   |                           |

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

Dispatch 2

|   |            |  |   |   |   |  |
|---|------------|--|---|---|---|--|
| <b>FprEN 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><br>6.2.4.1 <i>for closures</i><br>6.8.2.6.1 <i>for equipment</i> | <b>Applicable sub-sections and paragraphs:</b><br>6.2.3.1 and 6.2.3.3<br>6.8.2.2.1 and 6.8.2.2.11 |   |  |
| 00286192  |            |  |   |   |   |  |
| 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   |  |
| UK  | All        | Previous editions of this standard have not been referenced in RID/ADR.  |   |   | These devices are required by RID/ADR 6.2.1.3.5 and so this standard should be referenced |  |
| UK  | 1          | The Scope includes “LPG transportable pressure vessels”, does this mean tanks? The JSMA has not assessed it against ADR 6.8. When the prEN was reviewed (Sept. 2020) the standard was listed for potential reference in 6.8.2.6.1 <i>equipment</i> . Also, the JSMA assessed it then against Chapter 6.8 and found it complied with 6.8.2.2.1 and 6.8.2.2.11 |   |   | Agreed to reference for tanks and pressure receptacles                                    |  |
| <b>Decision of the STD's WG:</b>  |            | Comments<br>Agree on the referencing for (1) pressure receptacles and (2) tanks  | Proposed transition regulation  | Applicable for new type approvals or renewals   | Latest date for withdrawal of existing type approvals                                     |  |
|   |            |  |   | Until further notice  |   |  |
|   |            |  |   |   |   |  |

Dispatch 2

|   |            |   |  |  |   |  |
|---|------------|---|--|--|---|--|
| <b>FprEN 1439</b>   |            | <b>LPG equipment and accessories - Procedure for checking transportable refillable LPG cylinders before, during and after filling</b> | <b>Where to refer in RID/ADR</b><br>P200 (11) and P200 (12), 2.1 | <b>Applicable sub-sections and paragraphs:</b><br>P200 (7) |   |  |
| 00286205  |            |   |  |  |   |  |
| 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   |  |
| UK  |            | No technical comment. This version to replace the 2017 edition.   |  |  | The 2017 version should remain applicable until 2024-12-31 in P200 (12) |  |
|   |            |   |  |  |   |  |
| <b>Decision of the STD's WG:</b>  |            | Comments<br>Agree on referencing<br>The 2017 version should remain applicable until 2024-12-31 in P200 (12), 2.1 only                 | Proposed transition regulation                                   | Applicable   |   |  |
|   |            |   | EN 1439:2017   | Until 31 December 2024                                     |   |  |
|   |            |   | EN 1439:2022   | Until further notice                                       |   |  |
|   |            |   |  |  |   |  |

Dispatch 2

|   |            |  |   |  |                           |  |
|---|------------|--|---|--|---------------------------|--|
| <b>EN 12493:2020</b>  |            | <b>LPG equipment and accessories - Welded steel pressure vessels for LPG road tankers - Design and manufacture</b> | <b>Where to refer in ADR</b><br><i>6.8.2.6.1 for design and construction of tanks</i> | <b>Applicable sub-sections and paragraphs:</b><br>6.8.2.1, 6.8.2.5, 6.8.3.1, 6.8.3.5, 6.8.5.1 to 6.8.5.3 |                           |  |
| 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 |  |
|   |            |  |   |  |                           |  |

|                                  |  |   |   |   |   |
|----------------------------------|--|---|---|---|---|
| UK                               |  | No technical comment. Annex C to be excluded from the reference in ADR. Standard not applicable to RID. |   |   | Agree   |
|                                  |  |   |   |   |   |
| <b>Decision of the STD's WG:</b> |  | Comments<br>Agree on referencing  | Proposed transition regulation          | Applicable for new type approvals or renewals | Latest date for withdrawal of existing type approvals |
|                                  |  |   | EN 12493:2013+ A2:2018 (except Annex C) | Between 1 January 2021 and 31 December 2024   |   |
|                                  |  |   | EN 12493:2020 (except Annex C)          | Until further notice                          |   |

## Dispatch 3

|   |            |  |   |  |                           |
|---|------------|--|---|--|---------------------------|
| <b>EN ISO 20475:2020</b>  |            | <b>Gas cylinders - Cylinder bundles - Periodic inspection and testing (ISO 20475:2018)</b> | <b>Where to refer in RID/ADR</b><br>6.2.4.2 | <b>Applicable sub-sections and paragraphs:</b> |                           |
| 00023230  |            |  |   |  |                           |
| 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: no comment</b>   |            |  |   |  |                           |
| Country   | Clause No. | Comment (justification for change)   | Proposed change                             | Comment from JMSA                              | Comment from WG Standards |
| UK  |            | No comment   |   |  |                           |
|   |            |  |   |  |                           |
| <b>Decision of the STD's WG:</b>  |            | Comments<br>Agree on referencing   | Proposed transition regulation              | Applicable                                     |                           |
|   |            |  | EN 15888:2014                               | Until 31 December 2024                         |                           |
|   |            |  | EN ISO 20475:2020                           | Mandatorily from 1 January 2025                |                           |



Dispatch 3

|   |   |                                    |   |  |                           |
|---|---|------------------------------------|---|--|---------------------------|
| <b>EN ISO 23088:2020</b>  | <b>Gas cylinders - Periodic inspection and testing of welded steel pressure drums - Capacities up to 1 000 l (ISO 23088:2020)</b> |                                    | <b>Where to refer in RID/ADR</b><br>6.2.4.2 | <b>Applicable sub-sections and paragraphs:</b> |                           |
| 00023231  |   |                                    |   |  |                           |
| 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 |
| UK  |   | No comment                         |   |  |                           |
| <b>Decision of the STD's WG:</b>  |   | Comments<br>Agree on referencing   | Proposed transition regulation              | Applicable                                     |                           |
|   |   |                                    | EN 14876:2007                               | Until 31 December 2024                         |                           |
|   |   |                                    | EN ISO 23088:2020                           | Mandatorily from 1 January 2025                |                           |

Dispatch 4

|   |   |                                    |   |   |   |
|---|---|------------------------------------|---|---|---|
| <b>EN ISO 15995:2021</b>  | <b>Gas cylinders - Specifications and testing of LPG cylinder valves - Manually operated (ISO 15995:2021)</b> |                                    | <b>Where to refer in RID/ADR</b><br>6.2.4.1 <i>for closures</i> | <b>Applicable sub-sections and paragraphs:</b><br>6.2.3.1 and 6.2.3.3 |   |
| 00286216  |   |                                    |   |   |   |
| 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                             |
| UK  |   | No technical comment               |   |   |   |
| <b>Decision of the STD's WG:</b>  |   | Comments<br>Agree on referencing   | Proposed transition regulation                                  | Applicable for new type approvals or renewals                         | Latest date for withdrawal of existing type approvals |

|  |  |  |                   |   |  |
|--|--|--|-------------------|---|--|
|  |  |  | EN ISO 15995:2019 | Between 1 January 2021 and 31 December 2024 |  |
|  |  |  | EN ISO 15995:2021 | Until further notice                        |  |

## Dispatch 4

|   |  |   |  |   |   |
|---|--|---|--|---|---|
| <b>EN ISO 14245:2021</b>  | <b>Gas cylinders - Specifications and testing of LPG cylinder valves - Self-closing (ISO 14245:2021)</b> | <b>Where to refer in RID/ADR</b><br><i>6.2.4.1 for closures</i> | <b>Applicable sub-sections and paragraphs:</b><br>6.2.3.1. and 6.2.3.3 |   |   |
| 00286215  |  |   |  |   |   |
| 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                             |
| UK  |  | No technical comment  |  |   |   |
|   |  |   |  |   |   |
| <b>Decision of the STD's WG:</b>  |  | Comments<br>Agree on referencing                                | Proposed transition regulation   | Applicable for new type approvals or renewals | Latest date for withdrawal of existing type approvals |
|   |  |   | EN ISO 14245:2019  | Between 1 January 2021 and 31 December 2024   |   |
|   |  |   | EN ISO 14245:2021  | Until further notice                          |   |

**General purpose standards reaching publication soon (reference of standards in RID/ADR)**

- prEN 590 *Automotive fuels - Diesel - Requirements and test methods* This standard is currently used in the lower case part of the Proper Shipping Name of UN 1202 DIESEL FUEL