

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

105th session

Geneva, 6-9 November 2018

Item 4 of the provisional agenda

Work of the RID/ADR/ADN Joint Meeting

1 November 2018

**Recommendations of the RID/ADR/ADN Joint Meeting on its
autumn 2018 session**

Transmitted by the secretariat

Annex I

Draft amendments for standards adopted by the Joint Meeting for entry into force on 1 January 2021

Chapter 6.2

6.2.4.1 Amend the table as follows:

(a) Under “for design and construction”:

- In column (2), insert the following note against the references to directives 84/525/EEC, 84/526/EEC and 84/527/EEC:

"NOTE: Notwithstanding the repeal of the directives 84/525/EEC, 84/526/EEC and 84/527/EEC as published in the Official Journal of the European Communities No. L300 of 19.11.1984 the annexes of these directives remain applicable as standards for design, construction and initial inspection and test for gas cylinders. These annexes may be found at: <https://eur-lex.europa.eu/oj/direct-access.html>".

- For “EN 12807:2008”, in column (4), replace the existing text with “Between 1 January 2009 and 31 December 2022”.
- After the existing row for “EN 12807:2008” add the following new entry:

EN 12807:[2019]	LPG equipment and accessories - Transportable refillable brazed steel cylinders for liquefied petroleum gas (LPG) - Design and construction	6.2.3.1 and 6.2.3.4	Until further notice	
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(b) Under “for closures”:

- For “EN ISO 17871:2015”, in column (4), replace the existing text with “Between 1 January 2017 and 31 December 2021”.
- After the existing row for “EN ISO 17871:2015” add the following new entry:

EN ISO 17871:2015 + A1:2018	Gas cylinders – Quick-release cylinder valves – Specification and type testing	6.2.3.1, 6.2.3.3 and 6.2.3.4	Until further notice	
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6.2.4.2 Amend the table as follows:

- For “EN 1968:2002 +A1:2005 (except annex B)”, in column (3), replace the existing text with “Until 31 December 2022”.
- For “EN 1802:2002 (except annex B)”, in column (3), replace the existing text with “Until 31 December 2022”.
- After the existing row for “EN 1802:2002 (except annex B), add the following new entry:

EN ISO 18119:[2018]	Gas cylinders - Seamless steel and seamless aluminium-alloy gas cylinders and tubes - Periodic inspection and testing <i>NOTE: 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>		Mandatorily from 1 January 2023	
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- For “EN 1440:2016 (except annex C)”, in column (3), replace the existing text with “Until 31 December 2021”.
- After the existing row for “EN 1440:2016 (except annex C)”, add the following new entry:

EN 1440:2016 + A1:2018 (except Annex C)	LPG equipment and accessories – Transportable refillable traditional welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders – Periodic inspection	Mandatorily from 1 January 2022
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- For “EN 16728:2016 (except clause 3.5, Annex F and Annex G)”, in column (3), replace the existing text with “Until 31 December 2021”.
- After the existing row for “EN 16728:2016 (except clause 3.5, Annex F and Annex G)”, add the following new entry:

EN 16728:2016 + A1:2018	LPG equipment and accessories – Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders – Periodic inspection	Mandatorily from 1 January 2022
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Chapter 6.8

6.8.2.6.1 Amend the table as follows:

(a) Under “for design and construction of tanks”:

- For “EN 14025:2013+A1:2016 (except Annex B)”, in column (4), replace the existing text with “Between 1 January 2017 and 31 December 2021”.
- After the existing row for “EN 14025:2013+A1:2016 (except Annex B)”, add the following new entries:

EN 14025:2018	Tanks for the transport of dangerous goods – Metallic pressure tanks – Design and construction <i>NOTE: Materials of shells shall at least be attested by a type 3.1 certificate issued in accordance with standard EN 10204.</i>	6.8.2.1 and 6.8.3.1	Until further notice
EN 12972:2018	Tanks for transport of dangerous goods – Testing, inspection and marking of metallic tanks	6.8.2.3	Mandatorily from 1 January 2022

- For “EN 12493:2013+A1:2014+AC:2015 (except Annex C)”, in column (4), replace the existing text with “Between 1 January 2017 and 31 December 2022”.
- After the existing row for “EN 12493:2013+A1:2014+AC:2015 (except annex C)”, add the following new entry:

EN 12493:2013+ A2:2018 (except Annex C)	LPG equipment and accessories - Welded steel pressure vessels for LPG road tankers - Design and manufacture	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	Until further notice
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(b) Under “**For equipment**”:

- For “EN 13317:2002+A1:2006”, in column (4), replace the existing text with “Between 1 January 2009 and 31 December 2021”.
- After the existing row for “EN 13317:2002+A1:2006” add the following new entry:

EN 13317:2018	Tanks for transport of dangerous goods - Service equipment for tanks - Manhole cover assembly	6.8.2.2 and 6.8.2.4.1	Until further notice	
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6.8.2.6.2 For “EN 12972:2007”, in column (4), replace the existing text with “Until 30 June 2021”.

- Add the following new entry to the table after the entry for “EN 12972:2007”:

EN 12972:2018	Tanks for transport of dangerous goods – Testing, inspection and marking of metallic tanks	6.8.2.4 6.8.3.4	Mandatorily from 1 July 2021	
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6.8.4 (d) In TT11, in the paragraph after the Table, replace “EN 14025:2013 + A1:2016” by “EN 14025:2018” and replace “EN 12493:2013+A1:2014+AC:2015” by “EN 12493:2013+A2:2018”.

ANNEX II

Guideline for the application of EN 12972 (Tanks for transport of dangerous goods - Testing, inspection and marking of metallic tanks) for compliance with RID/ADR

In order to comply with the requirements of ADR, EN 12972:2007 referenced in 6.8.2.6.2 of ADR needs to be applied together with the requirements of ADR in 1.1.5.

EN 12972:2018 has been published and it has been decided that this standard will be referenced in the 2021 edition of ADR.

To aid compliance with and consistent application of the 2019 edition of ADR, competent authorities are encouraged to approve the use of EN 12972:2018 for testing and inspection of tanks according to ADR 6.8.2.7 paragraph 3 as soon as possible, but no later than 1 January 2020.

ANNEX III

Draft amendments adopted by the Joint Meeting for entry into force on 1 January 2021

Chapter 1.4

1.4.3.3 (e) Delete "maximum" (twice).

Chapter 1.6

1.6.2.16 Add the following new paragraph:

"1.6.2.16 The requirements of NOTE 3 of 6.2.3.5.1 applicable until 31 December 2020 may continue to be applied until 31 December 2022."

1.6.3.100 Merge the two existing paragraphs under the title, renumber them as 1.6.3.100.1 and add the following new subparagraph 1.6.3.100.2:

"1.6.3.100.2 FRP tanks constructed before 1 July 2021 in accordance with the requirements in force up to 31 December 2020 but which do not, however, meet the requirements for the marking of the tank code of 6.9.6.1 applicable as from 1 January 2021 may continue to be marked in accordance with the requirements applicable up to 31 December 2020 until the next periodic inspection after 1 July 2021."

Chapter 1.8

1.8.5.1 After "carrier" add ", unloader".

Chapter 2.1

2.1.3.4.3 Add the following new paragraph:

"2.1.3.4.3 Used articles, e.g. transformers and condensers, containing a solution or mixture mentioned in 2.1.3.4.2 shall always be classified under the same entry of Class 9, provided:

- (a) they do not contain any additional dangerous components, other than polyhalogenated dibenzodioxins and dibenzofurans of Class 6.1 or components of packing group III of classes 3, 4.1, 4.2, 4.3, 5.1, 6.1 or 8, and
- (b) they do not have the hazard characteristics as indicated in 2.1.3.5.3 (a) to (g) and (i)."

Chapter 3.2, Table A

For UN Nos. 2211 and 3314, in column (6), insert "675".

For UN No.2683, in column (20), replace "86" by "836".

Chapter 3.3

- Special provision 386 In the first sentence, replace "2.2.41.1.17" by "2.2.41.1.21".
- Special provision 556 Delete and add "(Deleted)".
- Special provision 675 Add the following new special provision:
- "675 For packages containing these dangerous goods, mixed loading with substances and articles of Class 1, with the exception of 1.4S, shall be prohibited."

Chapter 5.3

- 5.3.2.3.2 After "X83", insert the following new hazard identification number 836:
- "836 Corrosive or slightly corrosive substance, flammable (flash-point between 23°C and 60°C inclusive) and toxic".

Chapter 6.2

- 6.2.3.5.1 Replace NOTE 3 with the following text:
- "NOTE 3: The check of 6.2.1.6.1 (b) and the hydraulic pressure test of 6.2.1.6.1 (d) may be replaced by ultrasonic examination carried out in accordance with EN ISO 18119:[2018] for cylinders and tubes of seamless steel or seamless aluminium alloy. Notwithstanding clause B.1 of this standard, all cylinders and tubes whose wall thickness is less than the minimum design thickness shall be rejected."*
- 6.2.6.1.5 Amend the first sentence to read as follows:
- "The internal pressure of aerosol dispensers at 50 °C shall exceed neither two-thirds of the test pressure nor 1.2 MPa (12 bar) when using flammable liquefied gases, 1.32 MPa (13.2 bar) when using non-flammable liquefied gases, and 1.5 MPa (15 bar) when using non-flammable compressed or dissolved gases."

Chapter 6.8

- 6.8.3.4.12 Replace "6.8.3.4.6" by "6.8.2.4.2 and 6.8.2.4.3".

Chapter 6.9

- 6.9.6.1 At the end of the second indent, replace “,” with “;” and add a new third indent to read as follows:
- “- where a tank code is required in accordance with 6.8.2.5.2, the second part of the tank code shall indicate the highest value of the calculation pressure for the substance(s) permitted for carriage according to the type approval certificate.”.