



OTIF/RID/CE/2020/2

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RID 2021

Additional amendments due to enter into force on 1 January 2021

1. As a result of the coronavirus pandemic (COVID-19), the 56th session of the RID Committee of Experts' has been cancelled and the 12th session of the RID Committee of Experts' standing working group has been postponed (see letter RID-20009-CE-56 dated 9 April 2020).

2. In this document, the Secretariat, in consultation with the UNECE Secretariat, has set out necessary corrections to the texts adopted by the 11th session of the standing working group (see document OTIF/RID/CE/2020/1), as well as additional consequential amendments that are required, and updated provisions.

3. This document is divided into different parts:

Part 1 lists amendments that are necessary to ensure harmonisation between RID and the UN Recommendations on the Transport of Dangerous Goods, consequential amendments and updates.

Part II lists additional amendments adopted by the Joint Meeting's working group on tanks.

Part III lists additional amendments to take into account the updating of some standards referenced in RID adopted by the Joint Meeting's working group on standards.

Part IV lists the NHM codes that have to be added to the new entries to be included in Table B.

Part V contains adapted references to other COTIF Appendices and the corresponding EU legislation.

Part VI contains corrections to document OTIF/RID/CE/2020/1.

4. A draft version of this document was submitted to participants of the RID Committee of Experts for consultation. The comments submitted by participants were discussed at a video conference organised by the Chair of the RID Committee of Experts on 13 May 2020 and, where necessary, the texts were amended.
5. Part III contains references to standards highlighted in yellow that will only be included in the 2021 edition of RID if the corresponding standards are published by 1 June 2020.
6. All the amendments should enter into force on 1 January 2021 with a six month transitional period.

I. Draft amendments for harmonisation of RID with the United Nations Recommendations on the Transport of Dangerous Goods, consequential amendments, corrections and updates

Chapter 1.2

1.2.1 In the definition of "**ADR**", delete:
"European".

Chapter 1.4

1.4.2.2.1 In footnote 11, replace "1 January 2019" by:
"1 January 2021".

Chapter 2.2

2.2.41.1.10 [The amendment in the French version does not apply to the English text.]

Chapter 3.3

SP 241 Replace "test No. 1" by:
"test N.1".

SP 310 In the last but one paragraph, delete:
"and packaged in accordance with packing instructions P 908 of 4.1.4.1 or LP 904 of 4.1.4.3, as applicable".

SP 377 In the last paragraph, delete:
"and packaged in accordance with packing instruction P 908 of 4.1.4.1 or packing instruction LP 904 of 4.1.4.3, as applicable".

SP 672 At the beginning of the first sentence, replace "Machinery and apparatus" by:
"Articles such as machinery, apparatus or devices".
In the second indent, replace "the machinery or apparatus" by:
"the article".

Chapter 6.3

6.3.5.3.2.2 (current 6.3.5.3.3) In the introductory sentence, after "in the shape of a drum", insert:
"or a jerrican".
In sub-paragraphs (a) and (b), replace "chime" by:
"edge".

In sub-paragraph (c), replace "side" by:
"body or side".

Chapter 6.4

6.4.23.12 In paragraph (a), amend the following:

- Replace "A/132/B(M)F-96" by:
"A/132/B(M)F".
- Replace "A/132/B(M)F-96T" by:
"A/132/B(M)FT".
- Replace "A/139/IF-96" by:
"A/139/IF".
- Replace "A/145/H(U)-96" by:
"A/145/H(U)".

In paragraph (b), amend the following:

- Replace "A/132/B(M)F-96" by:
"A/132/B(M)F".
- Replace "CH/28/B(M)F-96" by:
"CH/28/B(M)F".

In paragraph (c), amend the following:

- Replace "A/132/B(M)F-96 (Rev.2)" by:
"A/132/B(M)F (Rev.2)".
- Replace "A/132/B(M)F-96 (Rev.0)" by:
"A/132/B(M)F (Rev.0)".

In paragraph (d), replace "A/132/B(M)F-96(SP503)" by:

"A/132/B(M)F (SP503)".

II. Draft amendments proposed by the Working Group on Tanks

Table of Contents

6.8.2.6 Replace "and tested" by:

", inspected and tested".

6.8.2.7 Replace "and tested" by:

", inspected and tested".

6.8.3.6 Replace "and tested" by:

", inspected and tested".

6.8.3.7 Replace "and tested" by:

", inspected and tested".

Chapter 1.4

1.4.2.2.1 In paragraph (d), replace "test" by:

"inspection".

1.4.3.3 In paragraph (b), replace "test" by:

"inspection".

1.4.3.4 In paragraph (a), replace "tests" by:

"inspections and tests".

[The amendment to paragraph (b) in the French version does not apply to the English text.]

1.4.3.5 In paragraph (a), replace "tests" by:

"inspections and tests".

Chapter 1.6

1.6.3.8 Replace "test" by:

"inspection".

1.6.3.16 Amend to read as follows:

"1.6.3.16 For tank-wagons and battery-wagons constructed before 1 January 2007 which do not conform to the requirements of 4.3.2, 6.8.2.3, 6.8.2.4 and 6.8.3.4 concerning the tank record, the retention of files for the tank record shall start at the latest at the first periodic inspection after 30 June 2007."

1.6.4.5 Replace "test" by:

"inspection".

1.6.4.18 Amend to read as follows:

"1.6.4.18 For tank-containers and MEGCs constructed before 1 January 2007 which do not conform to the requirements of 4.3.2, 6.8.2.3, 6.8.2.4 and 6.8.3.4 concerning the tank record, the retention of files for the tank record shall start at the latest at the first periodic inspection after 30 June 2007."

1.6.4.32 [The amendment to the French version does not apply to the English text.]

Chapter 4.3

4.3.1.4 Replace "tests" by:

"inspections and tests".

Chapter 6.8

6.8.2.1.23 Amend the first three sentences to read as follows:

"The inspection body performing inspections in accordance with 6.8.2.4.1 or 6.8.2.4.4 shall verify and confirm the ability of the manufacturer or the maintenance or repair shop to perform welding operations and the operation of a weld quality assurance system."

Amend the last paragraph to read as follows:

"Where there are doubts regarding the quality of welds, including the welds made to repair any defects revealed by the non-destructive checks, additional checks of the welds may be required."

6.8.2.3.1 In the last sub-paragraph, in the first sentence, replace "valves and other service equipment" by:

"service equipment".

In the last sub-paragraph, in the second sentence, replace "the valves and other service equipment are fit for the intended use" by:

"the service equipment is fit for the intended use".

6.8.2.5.1 In the ninth indent, delete:

"leakproofness".

6.8.2.5.2 [The amendments to the French version do not apply to the English text.]

6.8.2.6 In the heading, replace "and tested" by:

", inspected and tested".

6.8.2.7 In the heading, replace "and tested" by:
", inspected and tested".

6.8.3.6 In the heading, replace "and tested" by:
", inspected and tested".

6.8.3.7 In the heading, replace "and tested" by:
", inspected and tested".

III. Draft amendments proposed by the Working Group on Standards

Chapter 3.3

SP 658 In the introductory sentence, replace "EN ISO 9994:2006 + A1:2008" by:
"EN ISO 9994:2019".

Chapter 4.1

P 200 In paragraph (11), amend the Table as follows:

- In the fifth row (current sixth row), in column "Reference", replace "ISO 11372:2011" by:
"EN ISO 11372:2011".
- In the fifth row (current sixth row), in column "Title of document", delete the Note.
- In sixth row (current seventh row), in column "Reference", replace "ISO 13088:2011" by:
"EN ISO 13088:2011".
- In the sixth row (current seventh row), in column "Title of document", delete the Note.

In paragraph (12) 3.4, replace "EN ISO 14245:2010 or EN ISO 15995:2010" by:

"EN ISO 14245:2010, EN ISO 14245:2019, EN ISO 15995:2010 or EN ISO 15995:2019".

4.1.6.15 Amend the Table for "4.1.6.8 Valves with inherent protection" as follows:

- In the fourth row, in column "Reference", replace "EN ISO 14245:2010" by:
"EN ISO 14245:2010 or EN ISO 14245:2019".
- In the fourth row, in column "Title of document", delete:
"(ISO 14245:2006)".

- In the fifth row, in column "Reference", replace "EN ISO 15995:2010" by:
"EN ISO 15995:2010 or EN ISO 15995:2019".
- In the fifth row, in column "Title of document", delete:
"(ISO 15995:2006)".

Chapter 6.2

6.2.3.5.1 In Note 2, replace "EN ISO 16148:2016" by:

"EN ISO 16148:2016 + A1:2020".

[Subject to the availability of amendment A1.]

6.2.4.1 Amend the Table, under "for design and construction" as follows:

- For "EN ISO 10961:2012" in column (4), replace "Until further notice" by:
"Between 1 January 2013 and 31 December 2022".
- After the row for "EN ISO 10961:2012", insert the following new row:
"

| (1) | (2) | (3) | (4) | (5) |
|-------------------|--|---------------------|----------------------|-----|
| EN ISO 10961:2019 | Gas cylinders – Cylinder bundles – Design, manufacture, testing and inspection | 6.2.3.1 and 6.2.3.4 | Until further notice | |

- For "EN ISO 7866:2012 + AC:2014", "EN ISO 9809-1:2010", "EN ISO 9809-2:2010" and "EN ISO 9809-3:2010" in column (2), delete the reference to the ISO standard.

Amend the Table, under "for closures", as follows:

- For "EN ISO 14245:2010", in column (2), delete:
"(ISO 14245:2006)".
- For "EN ISO 14245:2010", in column (4), replace "Until further notice" by:
"Between 1 January 2013 and 31 December 2022".
- After the row for "EN ISO 14245:2010", insert the following new row:
"

| (1) | (2) | (3) | (4) | (5) |
|-------------------|--|---------------------|----------------------|-----|
| EN ISO 14245:2019 | Gas cylinders – Specifications and testing of LPG cylinder valves – Self-closing | 6.2.3.1 and 6.2.3.3 | Until further notice | |

- For "EN ISO 15995:2010", in column (2), delete:
"(ISO 15995:2006)".
- For "EN ISO 15995:2010", in column (4), replace "Until further notice" by:
"Between 1 January 2013 and 31 December 2022".

- After the row for "EN ISO 15995:2010", insert the following row:

| (1) | (2) | (3) | (4) | (5) |
|-------------------|---|---------------------|----------------------|-----|
| EN ISO 15995:2019 | Gas cylinders – Specifications and testing of LPG cylinder valves – Manually operated | 6.2.3.1 and 6.2.3.3 | Until further notice | |

- For "EN 13175:2014", in column (4), replace "Until further notice" by:

"Between 1 January 2017 and 31 December 2022".

- After the row for "EN 13175:2014", insert the following new row:

| (1) | (2) | (3) | (4) | (5) |
|--|---|---------------------|----------------------|-----|
| EN 13175:2019 (except clause 6.1.6) [EN 13175:2019 + A1:2020] | LPG Equipment and accessories – Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings | 6.2.3.1 and 6.2.3.3 | Until further notice | |

[Subject to the availability of amendment A1.]

- For "EN ISO 17871:2015", in column (2), delete:

"(ISO 17871:2015)".

- For "EN ISO 14246:2014", in column (2), delete:

"(ISO 14246:2014)".

- At the end add the following new row:

| (1) | (2) | (3) | (4) | (5) |
|--|--|------------------------------|----------------------|-----|
| EN 14129:2014 (except the note in clause 3.11) | LPG Equipment and accessories – Pressure relief valves for LPG pressure vessels NOTE: This standard is applicable to pressure drums. | 6.2.3.1, 6.2.3.3 and 6.2.3.4 | Until further notice | |

6.2.4.2

In the Table, in column (2), delete:

"(ISO 10462:2013)" and "(ISO 22434:2006)".

IV. NHM codes for the new entries to be included in Table B

Amend the amendment instruction in document OTIF/RID/CE/2020/1 relating to the new entries to be included in Table B as follows:

"Insert the following new entries in alphabetical order:

| Name and description | UN No. | Note | NHM Code |
|--|--------|------|----------|
| DANGEROUS GOODS IN ARTICLES | 3363 | | 8+++++ |
| DETONATORS, ELECTRONIC programmable for blasting | 0511 | | 360300 |
| DETONATORS, ELECTRONIC programmable for blasting | 0512 | | 360300 |
| DETONATORS, ELECTRONIC programmable for blasting | 0513 | | 360300 |
| MEDICAL WASTE, CATEGORY A, AFFECTING HUMANS, solid | 3549 | | 382530 |
| MEDICAL WASTE, CATEGORY A, AFFECTING ANIMALS only, solid | 3549 | | 382530 |

"

V. Adapted references to other COTIF Appendices and the corresponding EU legislation

1.2.1 Amend footnote 4 concerning the definition of "**Entity in charge of maintenance (ECM)**" to read as follows:

"⁴ With respect to elements related to entities in charge of maintenance (ECM) and their certification, Appendix G to COTIF (ATMF), is harmonised with European legislation, particularly Directive (EU) 2016/798 of the European Parliament and of the Council of 11 May 2016 on railway safety (Article 14 points 1 to 5) and Directive (EU) 2016/797 of the European Parliament and of the Council of 11 May 2016 on the interoperability of the rail system within the European Union (Article 47 point 3 letter f). With respect to the system on certification of entities in charge of maintenance, Annex A to ATMF is equivalent to Commission Implementing Regulation (EU) 2019/779 of 16 May 2019 laying down detailed provisions on a system of certification of entities in charge of maintenance of vehicles pursuant to Directive (EU) 2016/798 of the European Parliament and of the Council and repealing Commission Regulation (EU) No 445/2011."

1.4.2.2.8 Amend "as defined in Article 15 § 3 of ATMF – Appendix G to COTIF – and in Article 5 of Annex A to ATMF [...]" to read:

"as defined in Article 15 § 3 of Appendix G to COTIF (ATMF) and in Annex A to ATMF [...]"

1.4.3.5 In paragraph (e), amend "as defined in Article 15 § 3 of ATMF – Appendix G to COTIF – and in Article 5 of Annex A to ATMF [...]" to read:

"as defined in Article 15 § 3 of Appendix G to COTIF (ATMF) and in Annex A to ATMF [...]"

1.4.3.8 In paragraph (b), amend "as defined in Article 15 § 3 of ATMF – Appendix G to COTIF – and in Article 5 of Annex A to ATMF [...]" to read:

"as defined in Article 15 § 3 of Appendix G to COTIF (ATMF) and in Annex A to ATMF [...]"

6.8.2.5.2 Amend footnote 17 (formerly footnote 15) to read as follows:

"¹⁷ Vehicle keeper marking in accordance with the Uniform Technical Prescription applicable to Vehicle Numbers and linked alphabetical marking on the bodywork (UTP Marking) and in accordance with the corresponding European Union legislation."

6.8.3.5.11 Amend footnote 21 (formerly footnote 20) to read as follows:

"²¹ Vehicle keeper marking in accordance with the Uniform Technical Prescription applicable to Vehicle Numbers and linked alphabetical marking on the bodywork (UTP Marking) and in accordance with the corresponding European Union legislation."

VI. Corrections to the amendments in document OTIF/RID/CE/2020/1

Chapter 1.1

1.1.3.6.3 [The correction in the French version does not apply to the English text.]

Chapter 4.1

4.1.1 The second amendment reads as follows:

"In the Note, amend the text in parentheses at the end of the sentence to read:

"(P 201, P 207 and LP 200 for Class 2 and P 620, P 621, P 622, IBC 620, LP 621 and LP 622 for Class 6.2)."

4.1.4.1

P 200 Replace the amendments to the Table in paragraph (11) by the following amendment:

"In paragraph (11), in the Table, delete the fifth row ("ISO 24431:2006")."

4.1.6.15 The amendment for standard "ISO 11117" reads as follows:

"– For "4.1.6.8 (b) and (c)", replace "ISO 11117:1998 or ISO 11117:2008 + Cor 1:2009" by:

"ISO 11117:1998 or EN ISO 11117:2008 + Cor 1:2009 or EN ISO 11117:2019".

Chapter 6.2

6.2.4.2 The second amendment for standard "EN 1440:2016 (except annex C)" reads as follows:

"– After the row for "EN 1440:2016 (except annex C)", insert the following new row:

| (1) | (2) | (3) |
|---|--|---------------------------------|
| EN 1440:2016 + A1:2018 + A2:2020 (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 |

The second amendment for standard "EN 16728:2016 (except clause 3.5, Annex F and Annex G)" reads as follows:

"– After the existing row for "EN 16728:2016 (except clause 3.5, Annex F and Annex G)", insert the following new row:

| (1) | (2) | (3) |
|-----------------------------------|---|---------------------------------|
| EN 16728:2016 + A1:2018 + A2:2020 | LPG equipment and accessories – Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders – Periodic inspection | Mandatorily from 1 January 2022 |

Chapter 6.8

6.8.2.6.1 The second amendment for standard "EN 14025:2013 + A1:2016 (except Annex B)" reads as follows:

– After "EN 14025:2013 + A1:2016 (except Annex B)", insert the following new rows:

| (1) | (2) | (3) | (4) | (5) |
|-------------------------|--|---------------------|---------------------------------|-----|
| EN 14025:2018 + AC:2020 | Tanks for the transport of dangerous goods – Metallic pressure tanks – Design and construction NOTE: Materials of shells shall at least be attested by a type 3.1 certificate issued in accordance with standard EN 10204. | 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 | |

Chapter 6.10

6.10.3.8 The amendment reads as follows:

"6.10.3.8 In paragraph (a), add a new Note to read as follows:

"NOTE: This requirement may, for example, be complied with by the use of a vertical pipe discharging at the top, or a low-level outlet with a connection which allows attachment of a hose."

Chapter 6.11**6.11.4.1** Amend footnotes 2 and 3 to read:

- "² First edition of IRS (International Railway Solution) applicable as from 1 June 2020.
- ³ Second edition of IRS (International Railway Solution) applicable as from 1 December 2020."

Chapter 7.1**7.1.3** Amend footnotes 1 and 2 to read:

- "¹ First edition of IRS (International Railway Solution) applicable as from 1 June 2020.
- ² Second edition of IRS (International Railway Solution) applicable as from 1 December 2020."
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