



# 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 2020 and Geneva, 14-18 September 2020  
Item 11 of the provisional agenda  
Adoption of the report

### Annex to the draft report

#### Adopted texts

#### Draft amendments to RID, ADR and ADN for entry into force on 1 January 2023

##### Chapter 1.2

[1.2 Amend the title to read:

“DEFINITIONS, UNITS OF MEASUREMENT AND ABBREVIATIONS”.]

(Reference document: ECE/TRANS/WP.15/AC.1/2020/13)

[1.2.1 Delete the following definitions:

“ADN”, (RID only:) “ADR”, “ASTM”, “CGA”, “CIM”, “CMR”, “CNG”, “CSC”, “CTU”,  
(RID only:) “ECM”, “EN”, “GHS”, “IAEA”, “IBC”, “ICAO”, “IMDG”, “IMO”, “ISO”,  
“LNG”, “LPG”, “MEGC”, (ADR only:) “MEMU”, “OTIF”, (ADR only:) “RID”, “SADT”,  
“SAPT”, (RID only:) “SMGS”, (RID only:) “SMGS Annex 2”, “UIC”, “UNECE”.]

(Reference document: ECE/TRANS/WP.15/AC.1/2020/13)

[Add a new section 1.2.3 to read as follows:

##### “1.2.3 List of abbreviations

In RID/ADR/ADN, abbreviations, acronyms and abbreviated designations of regulatory texts are used, with the following meaning:

##### A

“ADN” means the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways;

(RID only:)



“*ADR*” means the Agreement concerning the International Carriage of Dangerous Goods by Road, including all special agreements signed by those states involved in the transport operation;

“*ASTM*” means the American Society for Testing and Materials (ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA, 19428-2959, United States of America), [www.astm.org](http://www.astm.org);

## C

“*CGA*” means the Compressed Gas Association (CGA, 14501 George Carter Way, Suite 103, Chantilly, VA 20151, United States of America), [www.cganet.com](http://www.cganet.com);

“*CIM*” means the Uniform Rules Concerning the Contract of International Carriage of Goods by Rail (Appendix B to the Convention concerning International Carriage by Rail (COTIF)), as amended;

“*CMR*” means the Convention on the Contract for the International Carriage of Goods by Road (Geneva, 19 May 1956), as amended;

“*CNG*”, see “Compressed Natural Gas” in 1.2.1;

“*CSC*” means the International Convention for Safe Containers (Geneva, 1972) as amended and published by the International Maritime Organization (IMO), London;

“*CSI*”, see “Criticality safety index” in 1.2.1;

“*CTU*”, see “Cargo Transport Unit” in 1.2.1;

## E

(RID only:)

“*ECM*”, see “Entity in charge of maintenance” in 1.2.1;

“*EN*” (standard) means a European standard published by the European Committee for Standardization (CEN) (CEN, Avenue Marnix 17, B-1000 Brussels, Belgium), [www.cen.eu](http://www.cen.eu);

## G

“*GHS*” means the seventh revised edition of the Globally Harmonized System of Classification and Labelling of Chemicals, published by the United Nations as document ST/SG/AC.10/30/Rev.7;

## I

“*IAEA*” means the International Atomic Energy Agency (IAEA, P.O. Box 100, A-1400 Vienna, Austria), [www.iaea.org](http://www.iaea.org);

“*IBC*”, see “Intermediate bulk container” in 1.2.1;

“*ICAO*” means the International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada), [www.icao.org](http://www.icao.org);

“*IMDG*”, see “IMDG Code” in 1.2.1;

“*IMO*” means the International Maritime Organization (IMO, 4 Albert Embankment, London SE1 7SR, United Kingdom), [www.imo.org](http://www.imo.org);

“*ISO*” (standard) means an international standard published by the International Organization for Standardization (ISO - 1, rue de Varembé. CH-1204 Geneva 20, Switzerland), [www.iso.org](http://www.iso.org);

## L

“*LNG*”, see “Liquefied Natural Gas” in 1.2.1;

“*LPG*”, see “Liquefied Petroleum Gas” in 1.2.1;

## M

“*MEGC*”, see “Multiple-element gas container” in 1.2.1;

(ADR only:)

“*MEMU*”, see “Mobile explosives manufacturing unit” in 1.2.1;

**N**

“*N.O.S.*”, see “N.O.S. entry (not otherwise specified entry)” in 1.2.1;

**O**

“*OTIF*” means the Intergovernmental Organisation for International Carriage by Rail (OTIF, Gryphenhübeliweg 30, CH–3006 Bern, Switzerland), [www.otif.org](http://www.otif.org);

**R**

(ADR only:)

“*RID*” means Regulations concerning the International Carriage of Dangerous Goods by Rail (Appendix C of COTIF (Convention concerning international carriage by rail));

**S**

“*SADT*”, see “Self-accelerating decomposition temperature” in 1.2.1;

“*SAPT*”, see “Self-accelerating polymerization temperature” in 1.2.1;

(RID only:)

“*SMGS*” means the Agreement concerning International Goods Transport by Rail of the the Organisation for Cooperation between Railways (OSJD) (OSJD, ul. Hoza, 63/67 PL-00-681 Warsaw, Poland), [www.en.osjd.org](http://www.en.osjd.org);

(RID only:)

“*SMGS Annex 2*” means provisions for the carriage of dangerous goods as Annex 2 to SMGS;

**U**

“*UIC*” means the International Union of Railways (UIC, 16 rue Jean Rey, F-75015 Paris, France), [www.uic.org](http://www.uic.org);

“*UNECE*” means the United Nations Economic Commission for Europe (UNECE, Palais des Nations, 8-14 avenue de la Paix, CH-1211 Geneva 10, Switzerland), [www.unece.org](http://www.unece.org).”]

(Reference document: ECE/TRANS/WP.15/AC.1/2020/13)

## Chapter 2.2

**2.2.2.2.2** Amend the fifth indent to read:

“– Dissolved gases which cannot be classified under UN Nos. 1001, 1043, 2073 or 3318. For UN No. 1043, see special provision 642;”.

(Reference document: ECE/TRANS/WP.15/2020/36)

## Chapter 3.2

### Table A

(RID only:)

**UN No. 1043** In column (3b), insert “4A”.

(Reference document: ECE/TRANS/WP.15/2020/36, first option, paragraph 16)

(ADN only:)

**UN No. 1043** In column (6), insert “642”.

(Reference document: ECE/TRANS/WP.15/2020/36)

**UN No. 1345** In column (2), add “, not exceeding 840 microns and rubber content exceeding 45%”.

(Reference document: ECE/TRANS/WP.15/2020/37)

**UN No. 1872 :**

- In column (3b), amend “OT2” to read “O2”;
- In column (5), delete “+ 6.1”.
- (RID/ADR:) In column (12), amend “SGAN” to read “SGAV”.
- (RID/ADR:) In column (17), insert: “VC1 VC2 AP6 AP7”.
- (RID/ADR:) In column (18), delete “CW28/CV28”. In column (20), amend “56” to read “50”.

(Reference document: ECE/TRANS/WP.15/AC.1/2020/53)

**UN No. 2015** For the first entry, in column (2), before the existing text, insert “HYDROGEN PEROXIDE, STABILIZED or”.

(Reference document: ECE/TRANS/WP.15/2020/39)

**Chapter 3.2**

**Table B**

For the entry “RUBBER SCRAP, powdered or granulated”, add in column (1):  
 “, not exceeding 840 microns and rubber content exceeding 45%”.

(Reference document: ECE/TRANS/WP.15/2020/37)

For the entry “RUBBER SHODDY, powdered or granulated”, add in column (1):  
 “, not exceeding 840 microns and rubber content exceeding 45%”.

(Reference document: ECE/TRANS/WP.15/2020/37)

(RID:)

In alphabetical order, insert the following new entry:

“

Name and description	UN No.	Note	(RID only:) NHM Code
HYDROGEN PEROXIDE, STABILIZED	2015		284700

“

(Reference document: ECE/TRANS/WP.15/2020/39)

(ADR:)

In alphabetical order, insert the following new entry:

“

Name and description	UN No.	Class	Remarks
HYDROGEN PEROXIDE, STABILIZED	2015	5.1	

“

(Reference document: ECE/TRANS/WP.15/2020/39)

**Chapter 3.3**

**SP 591** After “the requirements”, insert:

“of Class 8”.

(Reference document: ECE/RANS/WP.15/AC.1/2020/5)

(RID/ADR:)

**SP 642** At the end, add the following sentence:

“Otherwise, for carriage of ammonia solution, see UN Nos. 2073, 2672 and 3318.”

(Reference document: ECE/TRANS/WP.15/2020/36)

(ADN only:)

Insert the following new special provision 642:

“**642** Except as authorized under 1.1.4.2, this entry of the UN Model Regulations shall not be used for the carriage of fertilizer ammoniating solutions with free ammonia. Otherwise, for carriage of ammonia solution, see UN Nos. 2073, 2672 and 3318.”

(Reference document: ECE/TRANS/WP.15/2020/36)

## Chapter 4.1

**4.1.6.15** Amend to read as follows:

“**4.1.6.15** For UN pressure receptacles, the ISO standards and EN ISO standards listed in Table 1, except EN ISO 14245 and EN ISO 15995, shall be applied. For information on which standard shall be used at the time of manufacturing the equipment, see 6.2.2.3.

For other pressure receptacles, the requirements of section 4.1.6 are considered to have been complied with if the standards in Table 1, as relevant, are applied. For information on which standards shall be used for the manufacture of valves with inherent protection, see 6.2.4.1. For information on the applicability of standards for manufacturing valve protection caps and valve guards, see Table 2:

Table 1: Standards for UN and non-UN pressure receptacles

Applicable paragraphs	Reference	Title of document
4.1.6.2	EN ISO 11114-1:2012 + A1:2017	Gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 1: Metallic Materials
	EN ISO 11114-2:2013	Gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 2: Non-metallic Materials
4.1.6.4	ISO 11621:1997 or EN ISO 11621:2005	Gas cylinders – Procedures for change of gas service
4.1.6.8 Valves with inherent protection	Clause 4.6.2 of EN ISO 10297:2006 or clause 5.5.2 of EN ISO 10297:2014 or clause 5.5.2 of EN ISO 10297:2014 + A1:2017	Gas cylinders – Cylinder valves – Specification and type testing
	Clause 5.3.8 of EN 13152:2001 + A1:2003	Testing and specifications of LPG cylinder valves – Self-closing
	Clause 5.3.7 of EN 13153:2001 + A1:2003	Specifications and testing of LPG cylinder valves – Manually operated
	Clause 5.9 of EN ISO 14245:2010 or clause 5.9 of EN ISO 14245:2019	Gas cylinders – Specifications and testing of LPG cylinder valves – Self-closing
	Clause 5.10 of EN ISO 15995:2010 or clause 5.10 of EN ISO 15995:2019	Gas cylinders – Specifications and testing of LPG cylinder valves – Manually operated
	Clause 5.4.2 of EN ISO 17879:2017	Gas cylinders – Self-closing cylinder valves - Specification and type testing

4.1.6.8 (b) and (c)	ISO 11117:1998 or EN ISO 11117:2008 + Cor 1:2009 or EN ISO 11117:2019	Gas cylinders – Valve protection caps and guards – Design construction and tests
	EN 962:1996 +A2:2000	Transportable gas cylinders – Valve protection caps and valve guards for industrial and medical gas cylinders – Design, construction and tests
	ISO 16111:2008	Transportable gas storage devices – Hydrogen absorbed in reversible metal hydride

Table 2: Manufacturing dates applicable to valve protection caps and guards fitted to non-UN pressure receptacles

Reference	Title of document	Applicable for manufacture
ISO 11117:1998	Gas cylinders – Valve protection caps and valve guards for industrial and medical gas cylinders – Design construction and tests	Until 31 December 2014
EN ISO 11117: 2008 + Cor 1:2009	Gas cylinders – Valve protection caps and valve guards – Design, construction and tests	Until 31 December 2024
EN ISO 11117:2019	Gas cylinders – Valve protection caps and guards – Design, construction and tests	Until further notice
EN 962:1996 +A2:2000	Transportable gas cylinders – Valve protection caps and valve guards for industrial and medical gas cylinders – Design, construction and tests	Until 31 December 2014

(Reference document: ECE/TRANS/WP.15/AC.1/2020/46 as amended)

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