



Economic and Social Council

Distr.: General
30 August 2024
English
Original: English and French

Economic Commission for Europe

Administrative Committee of the European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)

European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)

Draft amendments to the Regulations annexed to ADN*

Addendum

Chapter 1.1

- 1.1.3.7 The amendment to sub-paragraph (b) in the French version does not apply to the English text.

Chapter 1.2

- 1.2.1 The amendment to the definition of *Bulk container* in the French version does not apply to the English text.
- 1.2.1 Add the following new definition in alphabetical order:
- "*Degree of filling* means the ratio, expressed as a percentage, of the volume of liquid or solid introduced at 15 °C into the means of containment and the volume of the means of containment fitted ready for use;"
- 1.2.1 In the definition for *Filling ratio*, replace "a pressure receptacle" by "the means of containment" Add a new note at the end to read as follows:
- "**NOTE:** For the degree of filling of cargo tanks, see 'Degree of filling of the cargo tank'."
- 1.2.1 Replace the definition for *Filling ratio (cargo tank)*, by:
- "*Degree of filling of the cargo tank:* when, for the carriage of liquid or molten substances, pressurized liquefied gases or refrigerated liquefied gases, a degree of filling is indicated for cargo tanks, this designates the percentage of the volume of the cargo tank that is filled with liquid. For the transport of gases

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carried in the gaseous phase in pressurized tanks, the degree of filling of the cargo tank refers to the ratio between the mass of gas and the mass of water at 15°C that would completely fill the pressurized tank, which corresponds to a *filling ratio*."

- 1.2.2.1 In the table, in the row for "Mass", in the third column, replace "t (ton)" by "t (tonne)".

Chapter 1.4

- 1.4.2.1.1 At the end of sub-paragraph (e), replace the full stop by a semicolon.

Add the following new sub-paragraph (f):

"(f) In the case of tank-containers, tank wagons and portable tanks carrying refrigerated liquefied gases ensure that the actual holding time is determined if applicable or, in the case of empty, uncleaned tank-containers and portable tanks, ensure that the pressure is sufficiently reduced."

- 1.4.3.3 In subparagraph (e), replace "permissible degree of filling or the permissible mass of contents per litre of capacity" by "permissible degree of filling, permissible filling ratio or permissible mass of contents per litre of capacity, as appropriate,".

Chapter 1.6

- 1.6.1.51 In the paragraph after the three indents, replace "30 June 2025" by "30 June 2027".
- 1.6.7.2.2.2 In the transitional provision for 9.3.3.21.1 (b), replace "degree of filling" by "degree of filling of the cargo tank".

Chapter 1.8

- 1.8.3.11 In subparagraph (b), tenth indent, amend the text in parentheses to read "(packing, filling – degree of filling or filling ratio, as appropriate – loading and unloading, stowage and segregation)".

Chapter 2.2

- 2.2.2.1.1 In Note 2, replace "*such as filling ratio*" by "*such as filling ratio, degree of filling of the cargo tank*".

Chapter 3.2, Table A

For UN No. 1835, packing group II and UN No. 3423, in column (12) replace "0" by "2".

For UN No. 3165, in column (12) replace "2" by "0".

Add the following new entries:

(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9)	(10)	(11)	(12)	(13)
0514	FIRE SUPPRESSANT DISPERSING DEVICES	1	1.4S	1.4	407	0	E0		PP		LO01	HA01, HA03	0	
3551	SODIUM ION BATTERIES with organic electrolyte	9	M4	9A	188 230 310 348 376 377 400 401 636 677	0	E0		PP				0	
3552	SODIUM ION BATTERIES CONTAINED IN EQUIPMENT or SODIUM ION BATTERIES PACKED WITH EQUIPMENT, with organic electrolyte	9	M4	9A	188 230 310 348 360 376 377 400 401 670 677	0	E0		PP				0	
3553	DISILANE	2	2F	2.1	632 662	0	E0		PP, EX, A		VE01		1	
3554	GALLIUM CONTAINED IN MANUFACTURED ARTICLES	8	C11	8	366	5 kg	E0		PP, EP				0	
3555	TRIFLUOROMETHYLTETRAZOLE-SODIUM SALT IN ACETONE, with not less than 68 % acetone, by mass	3	D	II	3	28	0	E0	PP, EX, A		VE01		1	

3556	VEHICLE, LITHIUM ION BATTERY POWERED	9	M11	9A	388 666 667 669	0	E0	PP		0
3557	VEHICLE, LITHIUM METAL BATTERY POWERED	9	M11	9A	388 666 667 669	0	E0	PP		0
3558	VEHICLE, SODIUM ION BATTERY POWERED	9	M11	9A	388 404 666 667 669	0	E0	PP		0
3559	FIRE SUPPRESSANT DISPERSING DEVICES	9	M5	9	407	0	E0	PP		0
3560	TETRAMETHYLAMMONIUM HYDROXIDE AQUEOUS SOLUTION with not less than 25 % tetramethylammonium hydroxide	6.1	TC1	I	6.1 +8	279 408	0	E5	PP, EP, VE02 TOX, A	2

Chapter 3.2

- 3.2.3.1 In the explanatory note for column (11), in the heading, replace "Maximum degree of filling (%)" by "Maximum degree of filling of cargo tank (%)".
- 3.2.3.1 In the explanatory note for column (20), additional requirement 42, replace "Degree of filling" by "Degree of filling of cargo tank".

Chapter 3.2, Table C

In the heading of column (11), replace "Maximum degree of filling in %" by "Maximum degree of filling of cargo tank in %".

Chapter 3.3

- 3.3.1 Add the following new special provision:
- "678 Waste consisting of objects and materials contaminated with free asbestos (UN Nos. 2212 and 2590), which is not fixed or immersed in a binder in such a way that no emission of hazardous quantities of respirable asbestos can occur, may be carried under the provisions of Chapter 7.3 of ADR provided the following provisions are complied with:
- (a) The waste is carried only from the site where it is generated to a final disposal facility. Between these two types of sites, only intermediate storage operations, without unloading or transferring the container-bag, are authorized;
 - (b) The waste belongs to one of these categories:
 - (i) Solid waste from roadworks, including asphalt milling waste contaminated with free asbestos and its sweeping residues;
 - (ii) Soil contaminated with free asbestos;
 - (iii) Objects (for example, furniture) contaminated with free asbestos from damaged structures or buildings;
 - (iv) Materials from damaged structures or buildings contaminated with free asbestos which, because of their volume or mass, cannot be packed in accordance with the packing instruction applicable to the UN number used (UN No. 2212 or 2590, as appropriate); or
 - (v) Construction site waste contaminated with free asbestos from demolished or rehabilitated structures or buildings which, because of their size or mass, cannot be packed in accordance with the packing instruction applicable to the UN number used (UN No. 2212 or 2590, as appropriate);
 - (c) Waste covered by these provisions shall not be mixed or loaded with other asbestos-containing waste or any other hazardous or non-hazardous waste;
 - (d) Each shipment shall be considered a full load as defined in 1.2.1; and
 - (e) The transport document shall be in conformity with 5.4.1.1.4."

Chapter 5.3

- 5.3.2.1.1 At the end of the second paragraph, add "or to UN No. 3475, as appropriate".
- 5.3.2.1.3 Replace "1203 or 1223" by "1203, 1223 or 3475" and amend the end of the paragraph to read as follows:
- "... and the UN number prescribed:
- (a) For UN No. 3475; or
 - (b) For the most hazardous substance carried, i.e. the substance with the lowest flash-point in the absence of any substance assigned to UN No. 3475."

Chapter 5.4

- 5.4.0.2 At the end, add the following new sentence: "The information prescribed in this Chapter related to the dangerous goods carried shall be available during carriage in such a way that the goods per vessel and the vessel can be identified in the documentation."
- 5.4.1.1.3.2 The amendment to subparagraph (b) does not apply to the English version.
- 5.4.1.1.3 Add a new 5.4.1.1.3.3 as follows:
- "5.4.1.1.3.3 Special provisions for the carriage of waste in inner packagings packed together in an outer packaging
- For carriage in accordance with 4.1.1.5.3 of ADR, a statement shall be included in the transport document, as follows "Carriage in accordance with 4.1.1.5.3 of ADR". The additional statement prescribed in 5.4.1.1.3.2 is not necessary. For example:
- "UN 1993 WASTE FLAMMABLE LIQUID, N.O.S., 3, III, CARRIAGE IN ACCORDANCE WITH 4.1.1.5.3 of ADR".
- Information in the transport document in accordance with 5.4.1.1, shall be based on the entry or entries assigned to the outer packaging in accordance with 4.1.1.5.3 (d) of ADR. The technical name, as prescribed in Chapter 3.3, special provision 274, need not be added."
- 5.4.1.1.4 Amend to read as follows:
- "5.4.1.1.4 *Special provisions for wastes contaminated with free asbestos (UN Nos. 2212 and 2590)*
- When special provision 678 of Chapter 3.3 is applied, the following statement shall be included in the transport document "Carriage under special provision 678".
- The description of wastes carried in accordance with special provision 678 (b) of Chapter 3.3 shall be added to the description of dangerous goods required in 5.4.1.1.1 (a) to (d). The transport document shall also be accompanied by the following documents:
- (a) A copy of the technical data sheet for the type of container-bag used, on the manufacturer's or distributor's letterhead, giving the dimensions of the packaging and its maximum mass;
 - (b) A copy of the unloading procedure in accordance with special provision CV38 of 7.5.11 of ADR, if applicable."

5.4.1.2.2 In sub-paragraph (d), at the end, add the following paragraph:

"When the calculation of the actual holding time is waived in accordance with 4.2.3.7.1 or 4.3.3.5 of ADR, this provision shall not apply;"

Chapter 5.5

5.5.4 The amendment in the French version does not apply to the English text.

5.5.4.1 The amendment in the French version does not apply to the English text.

Chapter 7.2

7.2.4.16.17 In the third indent, replace "degree of filling" by "degree of filling of cargo tank".

7.2.4.21.1 Replace "The degree of filling given in column (11) of Table C of Chapter 3.2 or calculated in accordance with 7.2.4.21.3 for the individual cargo tank shall not be exceeded" by: "The degree of filling of the cargo tank indicated in column (11) of Table C of Chapter 3.2 or calculated in accordance with 7.2.4.21.3 shall not be exceeded".

7.2.4.21.2 Replace "degree of filling" by "degree of filling of the cargo tank" and replace "maximum allowable degree of filling" by "maximum allowable degree of filling of the cargo tank".

Chapter 8.2

8.2.2.3.3.1 Replace "degree of filling" by "degree of filling of the cargo tank" and replace "maximum degree of filling" by "maximum degree of filling of the cargo tank".

8.2.2.3.3.2 Replace "maximum degree of filling" by "maximum degree of filling of the cargo tank". Replace "degree of filling" by "degree of filling of the cargo tank".

Chapter 9.1

9.1 In 9.1.0.40.2.10 (c), 9.1.0.40.2.11 (d), 9.1.0.40.2.13 (d), replace "level of filling" by "degree of filling"^{*}

Footnote ^{*} reads: "As this text has been taken from ES-TRIN, the definition of 'Degree of filling' provided in 1.2.1 of these Regulations is not applicable."

Chapter 9.3

9.3.1.21.1 In sub-paragraphs (c) and (d), replace "degree of filling" by "degree of filling of cargo tank".

9.3.1.21.2 Replace "degree of filling" by "degree of filling of the cargo tank".

9.3 In 9.3.x.40.2.10 (c), 9.3.x.40.2.11 (d), 9.3.x.40.2.13 (d), replace "level of filling" by "degree of filling"^{*}

Footnote ^{*} reads: "As this text has been taken from ES-TRIN, the definition of 'Degree of filling' provided in 1.2.1 of these Regulations is not applicable."

9.3.2.21.1 In sub-paragraph (a), replace "liquid level" by "degree of filling of the cargo tank".

- 9.3.2.21.1 In sub-paragraphs (c) and (d), replace "degree of filling" by "degree of filling of the cargo tank".
 - 9.3.2.21.2 Replace "degree of filling" by "degree of filling of the cargo tank".
 - 9.3.3.21.1 In sub-paragraph (a), replace "liquid level" by "degree of filling of the cargo tank".
 - 9.3.3.21.1 In sub-paragraphs (c) and (d), replace "degree of filling" by "degree of filling of the cargo tank".
 - 9.3.3.21.2 Replace "degree of filling" by "degree of filling of the cargo tank".
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