



# Economic and Social Council

Distr.: General  
30 August 2016  
English  
Original: English and French

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## 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) <sup>1</sup>

#### Draft amendments to the Regulations annexed to ADN

##### Addendum

##### Chapter 1.1

1.1.3.10 (b) In the Note after subparagraph (i), replace “ISO 9001:2008” by “ISO 9001”.

##### Chapter 1.2

1.2.1 In the amendment to the definition of “Aerosol or aerosol dispenser” in document ECE/ADN/36, delete “and replace “6.2.6 of ADR” by “6.2.4 of ADR””.

1.2.1 The amendment to the definition of “Recycled plastics material” does not apply to the English text.

1.2.1 In the definition of “Types of protection”, replace “IEC 60079-7:2006” by “IEC 60079-7:2015”.

##### Chapter 1.6

1.6.1.30 Amend to read as follows:

“1.6.1.30 Labels which meet the requirements of 5.2.2.2.1.1 applicable up to 31 December 2014, may continue to be used until 30 June 2019.”.

1.6.1 Add the following transitional measure:

“1.6.1.43 Vehicles registered or brought into service before 1 July 2017, as defined in special provisions 240, 385 and 669 of Chapter 3.3, and their equipment intended for use during carriage, which conform to the requirements of ADN applicable until 31 December

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<sup>1</sup> Distributed in German by the Central Commission for the Navigation of the Rhine under the symbol CCNR/ZKR/ADN/36/Add.1.

2016 but containing lithium cells and batteries which do not conform to the requirement of 2.2.9.1.7 may continue to be carried as a load in accordance with the requirements of special provision 666 of Chapter 3.3.”.

## Chapter 2.1

2.1.1.2 The amendment does not apply to the English text.

2.1.4.2 (e) The amendment does not apply to the English text.

## Chapter 2.2

2.2.1.1.5 The amendment does not apply to the English text.

2.2.1.4 The amendments do not apply to the English text.

2.2.2.1.7 (c) and (d) The amendment does not apply to the English text.

2.2.2.3 In the table for “Other articles containing gas under pressure”, for 6F, add the following new rows:

	3529	ENGINE, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED
	3529	ENGINE, FUEL CELL, FLAMMABLE GAS POWERED
	3529	MACHINERY, INTERNAL COMBUSTION, FLAMMABLE GAS POWERED
	3529	MACHINERY, FUEL CELL, FLAMMABLE GAS POWERED

2.2.3.3 For “F3 articles”, at the end add the new following entries:

“3528 ENGINE, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED or

3528 ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED or

3528 MACHINERY, INTERNAL COMBUSTION, FLAMMABLE LIQUID POWERED  
or

3528 MACHINERY, FUEL CELL, FLAMMABLE LIQUID POWERED”.

2.2.43.1.2 The amendment does not apply to the English text.

2.2.52.1.6 In the third sentence, replace “in one packaging” by “in one package”.

2.2.61.1.14 Amend to read as follows:

“2.2.61.1.14 Substances, solutions and mixtures, with the exception of substances and preparations used as pesticides, which are not classified as acute toxic category 1, 2 or 3 according to Regulation (EC) No 1272/2008<sup>3</sup>, may be considered as substances not belonging to class 6.1.”.

<sup>3</sup> *Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directive 67/548/EEC and 1999/45/EC; and amending Regulation (EC) No 1907/2006, published in the Official Journal of the European Union, L 353, 31 December 2008, p 1-1355.*

Delete footnote 4. Renumber subsequent footnotes accordingly.

2.2.7.2.4.1.5 (b) Replace “2.2.7.2.4.5.1” by “2.2.7.2.4.5.2”.

2.2.8.1.9 Amend to read as follows:

“2.2.8.1.9 Substances, solutions and mixtures, which are not classified as corrosive to skin or metal of category 1 according to Regulation (EC) No 1272/2008<sup>3</sup> may be considered as substances not belonging to Class 8.”.

The note remains unchanged.

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<sup>3</sup> *Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directive 67/548/EEC and 1999/45/EC; and amending Regulation (EC) No 1907/2006, published in the Official Journal of the European Union, L 353, 31 December 2008, p 1-1355.*

2.2.9.1.2 For subdivision M11, add “and articles” after “substances”.

2.2.9.1.10.3 In the heading and in subparagraph (a), renumber the reference to the footnote after “1272/2008/EC” as 3. Footnote 3 reads as follows:

“<sup>3</sup> *Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directive 67/548/EEC and 1999/45/EC; and amending Regulation (EC) No 1907/2006, published in the Official Journal of the European Union, L 353, 31 December 2008, p 1-1355.*”.

At the end of paragraph (a), delete: “or, if still relevant according to the said Regulation, risk phrase(s) R50, R50/53 or R51/53 according to the Directives 67/548/EEC<sup>3</sup> or 1999/45/EC<sup>4</sup>”.

2.2.9.1.10.3 (b) Amend the end to read as follows: “...if it does not have to be assigned such a category according to the said Regulation.”.

2.2.9.3 For “M11”, replace “substances or articles” by “substances and articles”. In the right box, in the introductory sentence add “and articles” after “only substances”. Add the following new entries:

“3530 ENGINE, INTERNAL COMBUSTION or  
3530 MACHINERY, INTERNAL COMBUSTION”.

### Chapter 2.3

2.3.1.4 In the figure, in the text corresponding to “Fig. 1 to 3”, replace “iron plate” by “lead plate”.

### Chapter 3.2, Table A

For UN numbers 1133, 1139, 1169, 1197, 1210, 1263, 1266, 1286, 1287, 1306, 1866, 1993 and 1999, for each first entry for packing group III, in column (6), delete “640E”.

For UN Nos. 1361 and 3088, packing group III, in column (6) insert “665”.

UN No. 2022 The amendment does not apply to the English text.

For UN Nos. 3166, 3171, 3528, 3529 and 3530, in column (6), insert “669”.

For UN No. 3528, in column (3b), insert “F3”.

For UN No. 3529, in column (3b), insert “6F”.

For UN No. 3530, in column (3b), insert “M11”.

### Chapter 3.3

- Special provision 342 (b) The amendment does not apply to the English text.
- Special provision 369 Replace “2.2.7.2.3.6” by “2.2.7.2.3.5”.
- Special provision 373 (a) In the Note after subparagraph (iii), replace “ISO 9001:2008” by “ISO 9001”.
- Special provision 376, at the end, add the following new sentence: “In this case the cells and batteries are assigned to transport category 0.”.
- Special provision 528 Replace “articles of Class 4.1” by “substances of Class 4.1”.
- Special provision 531 After “Class 4.1”, insert “(UN Nos. 2555, 2556 or 2557)”.
- Special provision 545 The amendment does not apply to the English text.
- Special provision 592 The amendment does not apply to the English text.
- Special provision 636 (b) Amend the text before subparagraph (i) to read as follows:

“(b) Up to the intermediate processing facility:

- lithium cells and batteries with a gross mass of not more than 500 g each or lithium ion cells with a Watt-hour rating of not more than 20 Wh, lithium ion batteries with a Watt-hour rating of not more than 100 Wh, lithium metal cells with a lithium content of not more than 1 g and lithium metal batteries with an aggregate lithium content of not more than 2 g, not contained in equipment, collected and handed over for carriage for sorting, disposal or recycling; as well as
- lithium cells and batteries contained in equipment from private households collected and handed over for carriage for depollution, dismantling, recycling or disposal.

*NOTE: “Equipment from private households” means equipment which comes from private households and equipment which comes from commercial, industrial, institutional and other sources which, because of its nature and quantity, is similar to that from private households. Equipment likely to be used by both private households and users other than private households shall in any event be considered to be equipment from private households.*

are not subject to the other provisions of ADN including special provision 376 and paragraph 2.2.9.1.7, if they meet the following conditions:”.

Special provision 636 (b) Amend subparagraph (iii) to read as follows:

“(iii) Packages are marked “LITHIUM BATTERIES FOR DISPOSAL” or “LITHIUM BATTERIES FOR RECYCLING” as appropriate.

If equipment containing lithium cells or batteries is carried unpackaged or on pallets in accordance with packing instruction P 909 (3) of 4.1.4.1 of ADR, this mark may alternatively be affixed to the external surface of the vehicles or containers.”.

Add the following new special provisions:

“665 Unground hard coal, coke and anthracite, meeting the classification criteria of Class 4.2, packing group III, are not subject to the requirements of ADN.”.

“669 A trailer fitted with equipment powered by a liquid or gaseous fuel or an electric energy storage and production system, that is intended for use during carriage operated by this trailer as a part of a transport unit, shall be assigned to UN Nos. 3166 or 3171 and be subject to the same conditions as specified for these UN Nos., when carried as a load on a

vessel, provided that the total capacity of the tanks containing liquid fuel does not exceed 500 litres.”.

## Chapter 5.1

5.1.5.5 Amend the Table as follows:

Add the following new rows:

Alternative activity limits for an exempt consignment of instruments or articles	-	Yes	Yes	No	5.1.5.2.1(e), 6.4.22.7 (ADR)
Fissile material excepted in accordance with 2.2.7.2.3.5 (f)	-	Yes	Yes	No	5.1.5.2.1 (a) (iii), 6.4.22.6 (ADR)

In the first row (Calculation of unlisted  $A_1$  and  $A_2$  values), in the last column, replace “---” by “2.2.7.2.2.2 (a), 5.1.5.2.1 (d)”.

In the tenth row (Low dispersible radioactive material), in the last column, replace “6.4.22.3” by “6.4.22.5”.

In the thirteenth row (Approved packages designs subjected to transitional measures), in the last column, delete “1.6.6.1” and insert “, 6.4.22.9 (ADR)” at the end.

## Chapter 5.2

5.2.1.7.4 (c) Replace “with the international vehicle registration code (VRI-Code)<sup>2</sup>” by “with the distinguishing sign used on vehicles in international road traffic<sup>2</sup>”. Amend footnote 2 to read as follows:

<sup>2</sup> *Distinguishing sign of the State of registration used on motor vehicles and trailers in international road traffic, e.g. in accordance with the Geneva Convention on Road Traffic of 1949 or the Vienna Convention on Road Traffic of 1968.*”.

5.2.2.2.2 Amend the title of label No. 4.1 to read as follows: “CLASS 4.1 HAZARD Flammable solids, self-reactive substances, polymerizing substances and solid desensitized explosives”.

## Chapter 5.4

5.4.1.1.11 Amend to read as follows:

“5.4.1.1.11 *Special provisions for the carriage of IBCs, tanks, battery-vehicles, portable tanks and MEGCs after the date of expiry of the last periodic test or inspection*

For carriage in accordance with 4.1.2.2 (b), 4.3.2.3.7 (b), 6.7.2.19.6 (b), 6.7.3.15.6 (b) or 6.7.4.14.6 (b) of ADR (or RID), a statement to this effect shall be included in the transport document, as follows:

“CARRIAGE IN ACCORDANCE WITH 4.1.2.2 (b) of ADR (or RID)”,

“CARRIAGE IN ACCORDANCE WITH 4.3.2.3.7 (b) of ADR (or RID)”,

“CARRIAGE IN ACCORDANCE WITH 6.7.2.19.6 (b) of ADR (or RID)”,

“CARRIAGE IN ACCORDANCE WITH 6.7.3.15.6 (b) of ADR (or RID)”;

or  
“CARRIAGE IN ACCORDANCE WITH 6.7.4.14.6 (b) of ADR (or RID)” as appropriate.”.

5.4.1.2.1 In Note 2, replace “indicated by the distinguishing sign for motor vehicles in international traffic (XX)<sup>3</sup>” by “indicated by the distinguishing sign used on vehicles in international road traffic (XX)<sup>3</sup>”. Amend footnote 3 to read as follows:

<sup>3</sup> *Distinguishing sign of the State of registration used on motor vehicles and trailers in international road traffic, e.g. in accordance with the Geneva Convention on Road Traffic of 1949 or the Vienna Convention on Road Traffic of 1968.*”.

5.4.2 After the Note, add the following new paragraph:

“If the carriage of dangerous goods in a vehicle precedes a voyage by sea, a “container/vehicle packing certificate” conforming to section 5.4.2 of the IMDG Code<sup>5, 6</sup> may be provided with the transport document.”.

5.4.2 At the end of footnote 5, replace “(“IMO/ILO/UNECE Guidelines for Packing of Cargo Transport Units (CTUs)”)” by “(“IMO/ILO/UNECE Code of Practice for Packing of Cargo Transport Units (CTU Code)”)”.

5.4.2 In footnote 6:

- At the beginning, after “IMDG Code”, add “(Amendment 38-16)”;
- In 2, replace “7.2.2.3” by “7.3.4.1”;
- In 6, replace “in conformity with 7.4.6” by “in accordance with 7.1.2”;
- In the Note after 5.4.2.1 of the IMDG code, replace “tanks” by “portable tanks”;
- In 5.4.2.4 of the IMDG Code, replace “dangerous goods transport document” by “container/vehicle packing certificate”.

5.4.3.4 In the model of the instructions in writing, amend the description of the hazards of label 4.1 in column 1 to read as follows: “Flammable solids, self-reactive substances, polymerizing substances and solid desensitized explosives”.

5.4.3 Add the following new paragraph:

“5.4.3.5 Contracting Parties shall provide the UNECE secretariat with the official translation of the instructions in writing in their national language(s), in accordance with this section. The UNECE secretariat shall make the national versions of the instructions in writing that it has received available to all Contracting Parties.”.

## **Chapter 7.2**

7.2.3.2.1 In the second sentence, delete “clean and”.

7.2.4.16.5 Replace the second sentence by: “Before coupling and after uncoupling the connections and in between if necessary, the receptacles shall be emptied. These requirements shall not apply to the carriage of substance of Class 2.

## **Chapter 8.6**

8.6.3, question 8 Amend the end to read as follows: “...which are in use and are they empty?”.

8.6.3 In question 14, fourth indent, delete “, cooking and cooling”. Delete the fifth indent that reads: “Are liquefied gas installations for domestic use cut off using the main stop valve?”.

**Chapter 9.3**

9.3.3.21.5 (c)      Replace “EN 12827:1996” by “EN 12827:1999”.

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