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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****Report of the Joint Meeting of the RID Committee of Experts
and the Working Party on the Transport of Dangerous
Goods on its autumn 2015 session¹**

held in Geneva from 15–25 September 2015

Addendum²

Annex I**Texts adopted by the Joint Meeting (Draft amendments to
RID, ADR and ADN for entry into force on 1 January 2017)****A. Document ECE/TRANS/WP.15/AC.1/2015/23/Add.1**

The draft amendments listed in ECE/TRANS/WP.15/AC.1/2015/23/Add.1 have been adopted with the following modifications:

Chapter 1.1

1.1.3.6.3 In Transport category 0, for Class 9, replace "apparatus" by "articles".

¹ Circulated by the Intergovernmental Organization for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2015-B. Unless otherwise indicated, the other documents referred to in this report under the symbol ECE/TRANS/WP.15/AC.1/ followed by the year and a serial number were circulated by OTIF under the symbol OTIF/RID/RC/ followed by the year and the same serial number.

² Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2015-B/Add.1.

Chapter 1.2

1.2.1 The modifications do not apply to the English text.

Chapter 1.6

1.6.1.25 and 1.6.1.39 The amendments do not apply to the English text.

Chapter 2.1

2.1.2.8, Notes The amendments do not apply to the English text.

Chapter 2.2

2.2.1.1.7.5, 2.2.1.1.9.4 (e), (f) and (j), 2.2.3.2.2, 2.2.61.2.1, 2.2.8.2.1, 2.2.41.1.20 and 2.2.41.1.21 The amendments do not apply to the English text.

2.2.41 Amend the first title of the new proposed sub-sections 2.2.41.1.20 and 2.2.41.1.21 to read: "Polymerising substances".

2.2.9.1.14 The amendments should read as follows:

“2.2.9.1.14 In the Note, delete the entries for UN Nos. 3166 and 3171.”

(Reference document: informal document INF.39, Proposal 1, consequential amendment)

2.2.9.3 Replace “[articles] / [apparatus]” by “articles”.

Chapter 3.1

3.1.2.3 The amendment applies to the second sentence of 3.1.2.3.

Chapter 3.2, Table A

Delete the amendment concerning UN No. 3166.

Chapter 3.2, Table A, new entries

For UN No. 0510, delete “†” in column (2).

For UN Nos. 3528, 3529 and 3530, in column (6) add “667”.

(Reference document: informal document INF.39)

For UN Nos. 3531, 3532, 3533 and 3534, delete the square brackets.

For UN Nos. 3531 and 3532/3531, 3532, 3533 and 3534 In column (13), add “[TE11]”.

(Reference document: Informal document INF.3, proposal 1)

Chapter 3.2, table B

In the list of new entries, add the following entries:

POLYMERIZING SUBSTANCE, SOLID, STABILIZED, N.O.S.	3531	4.1
POLYMERIZING SUBSTANCE, LIQUID, STABILIZED, N.O.S.	3532	4.1
POLYMERIZING SUBSTANCE, SOLID, TEMPERATURE CONTROLLED, N.O.S.	3533	4.1
POLYMERIZING SUBSTANCE, LIQUID, TEMPERATURE CONTROLLED, N.O.S.	3534	4.1

Chapter 3.3

3.3.1 The modification does not apply to the English text.

SP310 The modification does not apply to the English text.

(Reference document: *Informal document INF.27*)

Amend special provision 363 as follows:

Note * does not apply to the English text.

Replace "consigned under" by "assigned to" wherever it appears.

Amend the end of subparagraph (a) to read as follows: "... etc.), in quantities above those specified in column (7a) of Table A of Chapter 3.2, except vehicle equipment assigned to UN No. 3166 referred to in SP 666."

After subparagraph (a), add the following Note: "**NOTE:** This entry does not apply to equipment referred to in 1.1.3.3."

Subparagraph (b), NOTE 2 Delete "positive".

In (f), amend the last sentence to read as follows: "However, lithium batteries shall meet the requirements of 2.2.9.1.7, except as provided in special provision 667."

In (g) (iv) and (v), delete the first paragraph after the introductory phrase.

Amend (vi) to read as follows:

"(vi) A transport document in accordance with 5.4.1 is required only when the engine or machinery contains more than 1 000 l of liquid fuels, for UN 3528 and UN 3530, or the fuel tank has a water capacity of more than 1 000 l, for UN 3529.

This transport document shall contain the following additional statement "Transport in accordance with special provision 363".

(Reference documents: *informal document INF.39, Proposal 3 and ECE/TRANS/WP.15/AC.1/2015/40*)

SP369, first paragraph Place the second occurrence of "radioactive material" in square brackets.

SP378 (d) and SP379 (c) The modifications do not apply to the English text.

SP386 (ADR/ADN) The modifications do not apply to the English text.

SP386 (RID) Move the last sentence after the second sentence and delete "(see 2.2.41.2.3)".

Chapter 4.1

4.1.1.19.1 Put the amendment in square brackets.

4.1.4.1, P200 (3) (d), Note and P200 (9), last paragraph The modifications do not apply to the English text.

4.1.4.1, P200 (5) The modifications do not apply to the English text.

4.1.4.1, P200 (11) In the Russian text, replace "(CHГ)" by "(LPG)". In the third row of the table (ISO 24431:2006), delete the text in square brackets.

4.1.4.1, P206 (3) The modifications do not apply to the English text.

4.1.4.1, new packing instructions P005 and P910 The modifications do not apply to the English text.

Chapter 5.1

5.1.2.1 Replace the existing amendment by the following:

“5.1.2.1 (a) Amend to read as follows:

“(a) Unless marks and labels required in Chapter 5.2, except 5.2.1.3 to 5.2.1.6, 5.2.1.7.2 to 5.2.1.7.8 and 5.2.1.10, representative of all dangerous goods in the overpack are visible, the overpack shall be:

(i) marked with the word “OVERPACK”. The lettering of the “OVERPACK” mark shall be at least 12 mm high. The mark shall be in an official language of the country of origin and also, if that language is not English, French or German, in English, French or German, unless agreements, if any, concluded between the countries concerned in the transport operation provide otherwise; and

(ii) labelled and marked with the UN number and other marks, as required for packages in Chapter 5.2 except 5.2.1.3 to 5.2.1.6, 5.2.1.7.2 to 5.2.1.7.8 and 5.2.1.10, for each item of dangerous goods contained in the overpack. Each applicable mark or label only needs to be applied once.

Labelling of overpacks containing radioactive material shall be in accordance with 5.2.2.1.11.”.

5.1.2.1 (b) Replace “marking” by “marks”.”.

(Reference document: Informal document INF.37 as amended)

Chapter 5.2

5.2.2.2.1.3 (a) and 5.2.2.2.1.5 Replace the existing amendments by the following:

“5.2.2.2.1.3 After sub-paragraph (c), add the following new paragraph:

“However for label model No. 9A, the upper half of the label shall only contain the seven vertical stripes of the symbol and the lower half shall contain the group of batteries of the symbol and the class number.”.

At the beginning of the last paragraph, insert “Except for label model No. 9A,”.”.

(Reference document: Informal document INF.36)

Chapter 5.3

5.3.1.2 The modification does not apply to the English text.

5.3.1.7.3 (RID) Delete the square brackets around “tank containers and portable tanks”, delete “[tanks]”.

5.3.3 and 5.3.6.2 Delete the square brackets around “tank containers and portable tanks”, delete “[tanks]”.

Chapter 6.2

6.2.2.1.1 and 6.2.2.1.2, Note 2 The modifications do not apply to the English text.

6.2.3.9.2 Delete the square brackets around the amendment.

Chapter 7.2

7.2.4 Delete the square brackets around the amendment.

B. Other amendments

Chapter 1.1

1.1.3.2 (b), (ADR) 1.1.3.3 (b) and 1.1.3.3 (c) Deleted and insert "(Deleted)".

(Reference document: informal document INF.39, Proposal 6)

1.1.3.3 (ADR) In (a), at the end of the first sentence of the third paragraph, insert: “, irrespective of whether the trailer is towed or carried on another trailer.”

(Reference document: informal document INF.39, Proposal 4)

Other amendments to 1.1.3.3 do not apply to the English text.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/40)

1.1.3.6.3 Amend the second column of the table as follows:

For transport category 2:

In the first line, delete "or articles". In the third line, after "substances" add "and articles".

After Class 4.1, add the following text:

“Class 4.3: UN No. 3292

Class 5.1: UN No. 3356”;

For Class 6.1, before the existing text add “UN Nos. 1700, 2016 and 2017”. Delete "and articles".

For class 9, replace “UN No. 3245” with “UN Nos. 3090, 3091, 3245, 3480 and 3481”;

For transport category 3:

In the first line, delete "and articles". For class 8, replace “and 3477” with “, 3477 and 3506”;

For transport category 4:

For class 9, replace “and 3509” with “, 3508 and 3509”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/42 as amended)

1.1.4.2.1 (a) Replace “shall bear markings” by “shall bear marks”.

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

1.1.4.2.1 (c) (ADR) Not applicable to the English text.

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

1.1.4.2.2 (ADR) Not applicable to the English text.

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

1.1.4.4.1 (RID) After the second indent, insert a new third indent to read as follows:

“– polymerizing substances of Class 4.1 requiring temperature control (UN Nos. 3533 and 3544);”.

1.1.4.4.2 (RID) Replace "markings" by "marks" (4 times).

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

1.1.4.4.4 (RID) Replace "markings" by "marks" (twice).

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

1.1.4.6 (RID) Replace "markings" by "marks".

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

Chapter 1.2

1.2.1 (RID/ADR) Amend the definition for "Cargo transport unit" to read as follows: "Cargo transport unit means a vehicle, a wagon, a container, a tank-container, a portable tank or an MEGC;". Delete related Note.

(Reference: definition for "Cargo transport unit" in 1.2.1 ADN)

1.2.1 (RID/ADR) In the definition of "filler", replace "loads" by "fills".

1.2.1 (RID/ADR) In the definition of "Vacuum-operated waste tank", replace "loading and unloading" by "filling and discharging".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/37)

1.2.1 (ADR/ADN) In the definition of "Unilateral approval", replace "by the competent authority of the first Contracting Party to ADR reached by the consignment" by "by the competent authority of a Contracting Party to ADR".

(RID) In the definition of "Unilateral approval", at the end, replace "of the first RID Contracting State reached by the consignment" by "of a RID Contracting State".

Reference document: Informal document INF.45)

1.2.1 Add the following new definitions in alphabetical order:

"Loading" means all actions carried out by the loader, in accordance with the definition of loader;

"Unloading" means all actions carried out by the unloader, in accordance with the definition of unloader;

(Reference document: ECE/TRANS/WP.15/AC.1/2015/37 as amended)

Chapter 1.3

1.3.2.2 (a) (RID) Replace "orange-coloured marking" by "orange-coloured plates".

Reference document: Informal document INF.8)

Chapter 1.4

1.4.2.1.1(c) (RID/ADR) Replace "markings" by "marks".

1.4.2.1.1 (e) (RID) Amend the text after "empty uncleaned wagons" to read as follows: "and bulk containers are placarded, marked and labelled in accordance with Chapter 5.3 and that empty uncleaned tanks are closed and present the same degree of leakproofness as if they were full."

1.4.2.1.1 (e) (ADR) Amend the text after "empty uncleaned vehicles" to read as follows: "and bulk containers are placarded, marked and labelled in accordance with Chapter 5.3 and that empty uncleaned tanks are closed and present the same degree of leakproofness as if they were full."

(Reference document: Informal document INF.48)

1.4.2.2.1 (c) The amendment does not apply to the English text.

1.4.2.2.1 (f) (RID) Replace “markings” by “marks”. Insert “in Chapter 5.3” after “wagons”.

1.4.2.2.1 (f) (ADR) Amend the text after “the placards,” to read as follows: “marks and orange-coloured plates prescribed for the vehicles in Chapter 5.3 have been affixed.”.

(Reference document: Informal document INF.48)

1.4.3.1.1 (c) Delete “, when loading dangerous goods in a vehicle/wagon, or a large or small container,”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/37)

1.4.3.1.1 (d) (RID) Amend the text after “concerning placarding,” to read as follows: “marking and orange-coloured plates on the wagon or large container conforming to Chapter 5.3.”.

1.4.3.1.1 (d) (ADR) Amend the text after “requirements concerning” to read as follows: “placarding, marking and orange-coloured plates conforming to Chapter 5.3.”.

(Reference document: Informal document INF.48)

1.4.3.3 (h) (RID) Amend to read as follows: “(h) he shall, in preparing the dangerous goods for carriage, ensure that the placards, marks, orange-coloured plates and labels as well as shunting labels are affixed on the tanks, on the wagons and on the containers in accordance with Chapter 5.3.”.

1.4.3.3 (h) (ADR) Amend to read as follows: “(h) he shall, in preparing the dangerous goods for carriage, ensure that the placards, marks, orange-coloured plates and labels are affixed on the tanks, on the vehicles and on the containers for carriage in bulk in accordance with Chapter 5.3.”.

(Reference document: Informal document INF.48)

1.4.3.7 Delete the Note after the heading.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/37)

1.4.3.7.1 (c) At the end, add “and handling;”

(Reference document: ECE/TRANS/WP.15/AC.1/2015/37)

1.4.3.7.1 (f) (RID) Amend the end to read as follows: “...display placards, marks and orange-coloured plates that had been displayed in accordance with Chapter 5.3.”.

1.4.3.7.1 (f) (ADR) Amend the end to read as follows: “...no longer display the placards, marks and orange-coloured plates that had been displayed in accordance with Chapter 5.3.”.

(Reference document: Informal document INF.48)

Chapter 1.6

1.6.1.1 Amend “30 June 2015” to read: “30 June 2017”.

Amend “31 December 2014” to read: “31 December 2016”.

(RID) In footnote 1, amend “1 January 2013” to read: “1 January 2015”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/30)

1.6.1.15 Not applicable to the English text.

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

1.6.1.20, 1.6.1.28, 1.6.1.30, 1.6.1.31, 1.6.1.32 Delete and insert "(Deleted)".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/30)

1.6.1.26 Not applicable to the English text.

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

1.6.2.3 (RID/ADR) Replace "the markings conforming" by "the marks conforming".

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

1.6.3.32 (RID) At the end, delete: "by no later than 31 December 2014".

(Document de référence: ECE/TRANS/WP.15/AC.1/2015/30)

1.6.3.40, 1.6.4.19, 1.6.4.36 , 1.6.4.41 Delete and insert "(Deleted)".

(Document de référence: ECE/TRANS/WP.15/AC.1/2015/30)

1.6.4.37 Delete the second sentence.

(Document de référence: ECE/TRANS/WP.15/AC.1/2015/30)

Chapter 1.8

1.8.3.10 At the end of the second indent, add: ", including, if necessary, the infrastructure and organisation of electronic examinations in accordance with 1.8.3.12.5, if these are to be carried out;".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/26/Rev.1)

1.8.3.11 (b) In the third indent, replace "orange plates marking" by "orange-coloured plate marking" and "orange plates" by "orange-coloured plates".

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

1.8.3.12.2 Amend to read as follows:

"1.8.3.12.2 The competent authority or an examining body designated by the competent authority shall invigilate every examination. Any manipulation and deception shall be ruled out as far as possible. Authentication of the candidate shall be ensured. The use in the written test of documentation other than international or national regulations is not permitted. All examination documents shall be recorded and kept as a print-out or electronically as a file."

((Reference document: ECE/TRANS/WP.15/AC.1/2015/26/Rev.1 as amended)

1.8.3.12.4 (a) Amend the fourth indent to read as follows: "- danger marking, labelling and placarding;".

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

Add a new 1.8.3.12.5 to read as follows:

"1.8.3.12.5 Written examinations may be performed, in whole or in part, as electronic examinations, where the answers are recorded and evaluated using electronic data processing (EDP) processes, provided the following conditions are met:

- (a) The hardware and software shall be checked and accepted by the competent authority or by an examining body designated by the competent authority;
- (b) Proper technical functioning shall be ensured. Arrangements as to whether and how the examination can be continued shall be made for

a failure of the devices and applications. No aids shall be available on the input devices (e.g. electronic search function), the equipment provided according to 1.8.3.12.3 shall not allow the candidates to communicate with any other device during the examination;

- (c) Final inputs of each candidate shall be logged. The determination of the results shall be transparent."

(Reference document: ECE/TRANS/WP.15/AC.1/2015/26/Rev.1 as amended)

1.8.3.18 (ADR/ADN) Delete the last 2 lines of the model certificate.

1.8.3.18 (RID) Delete the last 4 lines of the model certificate.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/46 as amended)

1.8.8.4.1 (e) Not applicable to the English text.

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

1.8.8.4.3 (d) Replace "for the marking" by "for marking".

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

Chapter 2.2

2.2.9.1.2 In the M2 entry, replace "apparatus" by "articles".

2.2.9.1.5 In the title and in the text, replace "apparatus" by "articles" wherever it appears (4 times)

2.2.9.1.7 Delete the last Note.

(Reference document: informal document INF.39, Proposal 6)

2.2.9.3 In M11, insert the following new entries:

"3166 VEHICLE, FLAMMABLE GAS POWERED or 3166 VEHICLE, FLAMMABLE LIQUID POWERED or 3166 VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED or 3166 VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED"

"3171 BATTERY POWERED VEHICLE or 3171 BATTERY POWERED EQUIPMENT"

(Reference document: informal document INF.39, Proposal 1, consequential amendment)

Chapter 3.2

3.2.1 In the description for column (17) amend the third sentence after the heading to read as follows: "If no special provision, identified by the code "VC" or a reference to a specific paragraph, explicitly authorizing this mode of carriage is indicated in this column, and no special provision, identified by the code "BK" or a reference to a specific paragraph, explicitly authorizing this mode of carriage is indicated in column (10), carriage in bulk is not permitted."

(Reference documents: informal document INF.40)

3.2.1 In the description for "Column 20", replace "orange-coloured marking" by "orange-coloured plates".

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

Chapter 3.2, Table A

For UN Nos.1092, 1098, 1143, 1163, 1238, 1239, 1244, 1595, 1695, 1752, 1809, 2334, 2337, 2646 and 3023, in column (11), delete "TP35".

(Document de reference: ECE/TRANS/WP.15/AC.1/2015/30)

For UN Nos. 1135, 1182, 1251, 1541, 1580, 1605, 1670, 1810, 1838, 1892, 2232, 2382, 2474, 2477, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2521, 2605, 2606, 2644, 2668, 3079 and 3246, in column (11), delete "TP37".

(Document de reference: ECE/TRANS/WP.15/AC.1/2015/30)

For UN Nos. 2211 and 3314, in column (18) add "CW36/CV36".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/52 as amended)

Amend the entries for UN Nos. 3166 and 3171 to read as follows:

(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7a) to (20)
3166	VEHICLE, FLAMMABLE GAS POWERED or VEHICLE, FLAMMABLE LIQUID POWERED or VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED or VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED	9	M11			312 385 666 667	
3171	BATTERY POWERED VEHICLE or BATTERY POWERED EQUIPMENT	9	M11			240 666 667	

(Reference document: informal document INF.39, Proposal 1)

For UN Nos. 3257 and 3258 In column (6), insert “668”.

Reference document: ECE/TRANS/WP.15/AC.1/2015/53 as amended)

Chapter 3.2, 3.2.2, Table B

Delete existing entries corresponding to:

Battery-powered vehicle, Battery-powered equipment, Engine, internal combustion or Vehicle, flammable gas powered, Vehicle, flammable liquid powered, Engine, fuel cell, flammable gas powered, Engine, fuel cell, flammable liquid powered, Vehicle, fuel cell, flammable gas powered, Vehicle, fuel cell, flammable liquid powered.

(Reference document: informal document INF.39, Proposal 1, consequential amendment)

Add the following new entries in alphabetical order:

VEHICLE, FLAMMABLE GAS POWERED	3166	9
VEHICLE, FLAMMABLE LIQUID POWERED	3166	9
VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED	3166	9
VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED	3166	9
BATTERY POWERED VEHICLE	3171	9
BATTERY POWERED EQUIPMENT	3171	9

(Reference document: informal document INF.39, Proposal 1, consequential amendment)

Amend the entry for “URANIUM HEXAFLUORIDE, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE” to read as follows:

URANIUM HEXAFLUORIDE, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE, less than 0.1 kg per package, non-fissile or fissile-excepted	3507	6.1
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Chapter 3.3

SP172 (b) Replace “wagons or large containers/vehicles or containers” by “cargo transport units”.

SP216 Replace “, wagon/vehicle or container” by “or cargo transport unit”.

SP217 Replace “, wagon/vehicle or container” by “or cargo transport unit”.

SP218 Replace “, wagon/vehicle or container” by “or cargo transport unit”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29)

SP240 Amend to read as follows:

"240 This entry only applies to vehicles powered by wet batteries, sodium batteries, lithium metal batteries or lithium ion batteries and equipment powered by wet batteries or

sodium batteries carried with these batteries installed. Lithium batteries shall meet the requirements of 2.2.9.1.7, except as otherwise provided for in special provision 667.

For the purpose of this special provision, vehicles are self-propelled apparatus designed to carry one or more persons or goods. Examples of such vehicles are electrically-powered cars, motorcycles, scooters, three- and four-wheeled vehicles or motorcycles, trucks, locomotives, bicycles (pedal cycles with an electric motor) and other vehicles of this type (e.g. self-balancing vehicles or vehicles not equipped with at least one seating position), wheel chairs, lawn tractors, self-propelled farming and construction equipment, boats and aircraft. This includes vehicles carried in a packaging. In this case some parts of the vehicle may be detached from its frame to fit into the packaging.

Examples of equipment are lawnmowers, cleaning machines or model boats and model aircraft. Equipment powered by lithium metal batteries or lithium ion batteries shall be assigned to the entries UN 3091 LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT or UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT or UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT or UN 3481 LITHIUM ION BATTERIES PACKED WITH EQUIPMENT, as appropriate. Hybrid electric vehicles powered by both an internal combustion engine and wet batteries, sodium batteries, lithium metal batteries or lithium ion batteries, carried with the battery(ies) installed shall be assigned to the entries UN 3166 VEHICLE, FLAMMABLE GAS POWERED or UN 3166 VEHICLE, FLAMMABLE LIQUID POWERED, as appropriate. Vehicles which contain a fuel cell shall be assigned to the entries UN 3166 VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED or UN 3166 VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED, as appropriate.

Vehicles may contain other dangerous goods than batteries (e.g. fire extinguishers, compressed gas accumulators or safety devices) required for their functioning or safe operation without being subject to any additional requirements for these other dangerous goods, unless otherwise specified in RID/ADR/ADN.”.

(Reference document: informal document INF.39, Proposal 2 and ST/SG/AC.10/1/Rev.19, Chapter 3.3, special provision 240)

SP 295 Not applicable to the English text.

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

SP312 Amend to read as follows: "Vehicles powered by a fuel cell engine shall be assigned to UN No. 3166 VEHICLE, FUEL CELL, FLAMMABLE GAS POWERED or UN No. 3166 VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED, as appropriate. These entries include hybrid electric vehicles powered by both a fuel cell and an internal combustion engine with wet batteries, sodium batteries, lithium metal batteries or lithium ion batteries, carried with the battery(ies) installed.

Other vehicles which contain an internal combustion engine shall be assigned to the entries UN 3166 VEHICLE, FLAMMABLE GAS POWERED or UN 3166 VEHICLE, FLAMMABLE LIQUID POWERED, as appropriate. These entries include hybrid electric vehicles powered by both an internal combustion engine and wet batteries, sodium batteries, lithium metal batteries or lithium ion batteries, carried with the battery(ies) installed.

Lithium batteries shall meet the requirements of 2.2.9.1.7, except as otherwise provided for in special provision 667.”.

(Reference document: informal document INF.39, Proposal 2 and ST/SG/AC.10/1/Rev.19, Chapter 3.3, special provision 312)

SP335 Replace “wagon/vehicle or container” by “cargo transport unit”, 3 times.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29)

SP 339 Not applicable to the English text.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29)

SP 356 Delete “installed in wagons, vehicles vessels or aircraft or in completed components or”/ “installed in vehicles, wagons, vessels or aircraft or in completed components or”.

(Reference document: informal document INF.39, Proposal 6)

SP 376 Amend the end of the last sentence to read as follows: "...shall not be carried except under conditions approved by the competent authority of any RID Contracting State / ADR/ADN Contracting Party who may also recognize an approval granted by the competent authority of a country which is not a RID Contracting State / ADR/ADN Contracting Party provided that this approval has been granted in accordance with the procedures applicable according to RID, ADR, ADN, the IMDG Code or the ICAO Technical Instructions.”.

(Reference document: informal document INF.42 as amended)

SP 633 Replace “marking” by “mark”, twice.

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

[SP 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 cells 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 RID/ADR including special provision 376 and paragraph 2.2.9.1.7, if they meet the following conditions:”.

SP 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, this mark may alternatively be affixed to the external surface of the wagons/vehicles or containers.”.]

(Reference document: Informal document INF.13)

SP 653 In the last indent, replace “marking” by “mark”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

SP 655 In the first sentence, replace “Directive 97/23/EC⁴” by “Directive 97/23/EC⁴ or Directive 2014/68/EU⁵”. At the end of the second sentence, add "or Directive 2014/68/EU".

Add a new footnote 5 to read as follows: “⁵ Directive 2014/68/EU of the European Parliament and of the Council of 15 May 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment (PED) (Official Journal of the European Union No. L 189 of 27 June 2014, p. 164 - 259).”.

Renumber existing footnotes accordingly.

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/44)

SP 660 (f) In the last sentence, replace “markings” by “marks”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

3.3 Insert new special provisions as follows:

“385 This entry applies to vehicles powered by flammable liquid or gas internal combustion engines or fuel cells.

Hybrid electric vehicles powered by both, an internal combustion engine and wet batteries, sodium batteries, lithium metal batteries or lithium ion batteries, carried with the batteries installed shall be assigned to this entry. Vehicles powered by wet batteries, sodium batteries, lithium metal batteries or lithium ion batteries, carried with the batteries installed, shall be assigned to the entry UN No. 3171 BATTERYPOWERED VEHICLE (see special provision 240).

For the purpose of this special provision, vehicles are self-propelled apparatus designed to carry one or more persons or goods. Examples of such vehicles are cars, motorcycles, trucks, locomotives, scooters, three- and four-wheeled vehicles or motorcycles, lawn tractors, self-propelled farming and construction equipment, boats and aircraft.

Dangerous goods such as batteries, air bags, fire extinguishers, compressed gas accumulators, safety devices and other integral components of the vehicle that are necessary for the operation of the vehicle or for the safety of its operator or passengers, shall be securely installed in the vehicle and are not otherwise subject to RID/ADR/ADN. However, lithium batteries shall meet the requirements of 2.2.9.1.7, except as otherwise provided for in special provision 667.”.

(Reference document: informal document INF.39, Proposal 2 and ST/SG/AC.10/1/Rev.19, Chapter 3.3, special provision 385)

Consequential amendments:

Delete “378-499 (Reserved)”. After special provision 386, insert “387-499 (Reserved)”.

“665 (Reserved)”.

“666 Vehicles assigned to UN No. 3166 or UN No. 3171 and battery powered equipment assigned to UN 3171 in conformity with special provisions 240, 312 and 385, as well as any dangerous goods they contain that are necessary for their operation or the operation of their equipment, when carried as a load, are not subject to any other provisions of RID/ADR/ADN, provided the following conditions are met:

- (a) For liquid fuels, any fuel cocks between the engine or equipment and the fuel tank shall be closed during carriage unless it is essential for the equipment to

remain operational. Where appropriate, the vehicles shall be loaded upright and secured against falling;

- (b) For gaseous fuels, the fuel cock between the gas tank and engine shall be closed and the electric contact open;
- (c) Metal hydride storage systems shall be approved by the competent authority of the country of manufacture., If the country of manufacture is not a contracting party to RID/ADR/ADN the approval shall be recognized by the competent authority of an RID Contracting State/a contracting party to ADR/ADN;
- (d) The provisions of (a) and (b) do not apply to vehicles which are empty of liquid or gaseous fuels,

NOTE 1: *A vehicle is considered to be empty of liquid fuel when the liquid fuel tank has been drained and the vehicle cannot be operated due to a lack of fuel. Vehicle components such as fuel lines, fuel filters and injectors do not need to be cleaned, drained or purged to be considered empty of liquid fuels. In addition, the liquid fuel tank does not need to be cleaned or purged.*

NOTE 2: *A vehicle is considered to be empty of gaseous fuels when the gaseous fuel tanks are empty of liquid (for liquefied gases), the pressure in the tanks does not exceed 2 bar and the fuel shut-off or isolation valve is closed and secured.”.*

Footnote * does not apply to the English text.

(Reference document: informal document INF.39, Proposal 4 and ECE/TRANS/WP.15/AC.1/2015/40)

“667 (a) The requirements of 2.2.9.1.7 (a) do not apply when pre-production prototype lithium cells or batteries or lithium cells or batteries of a small production run, consisting of not more than 100 cells or batteries, are installed in the vehicle, engine or machinery;

(b) The requirements of 2.2.9.1.7 do not apply to lithium cells or batteries installed in damaged or defective vehicles, engine or machinery. In such cases the following conditions shall be met:

- (i) If the damage or defect has no significant impact on the safety of the cell or battery, damaged and defective vehicles, engines or machinery, may be carried under the conditions defined in special provisions 363 or 666, as appropriate;
- (ii) If the damage or defect has a significant impact on the safety of the cell or battery, the lithium cell or battery shall be removed and carried according to special provision 376.

However if it is not possible to safely remove the cell or battery or it is not possible to verify the status of the cell or battery, the vehicle, engine or machinery may be towed or carried as specified in (i).”.

(Reference document: informal document INF.39, Proposal 4)

“668 Elevated temperature substances for the purpose of applying road markings are not subject to the requirements of RID/ADR/ADN, provided that the following conditions are met:

- (a) They do not fulfil the criteria of any class other than Class 9;
- (b) The temperature of the outer surface of the boiler does not exceed 70 °C;

- (c) The boiler is closed in such a way that any loss of product is prevented during carriage;
- (d) The maximum capacity of the boiler is limited to 3 000 l.”

(Reference document: ECE/TRANS/WP.15/AC.1/2015/53 as amended)

Chapter 3.4

3.4.7 In the heading, replace “Marking for” by “Marking of”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

3.4.8 In the heading, replace “Marking for” by “Marking of”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

3.4.8.1 The amendment does not apply to the English text.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

3.4.13 (a) Amend the end of the second sentence to read as follows: “...and the marks in accordance with 3.4.15.”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

3.4.13 (b) (ADR) Amend the end of the first paragraph to read as follows: “...and the marks in accordance with 3.4.15.”. In the second paragraph, replace “marking affixed to the container is” by “marks affixed to the container are” and at the end, replace “markings” by “marks”.

3.4.13 (b) (RID) Amend the second sentence to read as follows: "If the marks affixed to the large containers are not visible from outside the carrying wagon, the same marks shall also be affixed to both sides of the wagon."

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

3.4.14 Replace “Markings” by “The marks”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

3.4.15 Amend to read as follows:

“3.4.15 The marks specified in 3.4.13 shall be the same as the one required in 3.4.7, except that their minimum dimensions shall be 250 mm x 250 mm. These marks shall be removed or covered if no dangerous goods in limited quantities are carried.”.

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/43, 2015/41, 2015/47 as amended and 2015/29)

Chapter 4.1

4.1.1.1 In the first sentence, replace “between transport units” by “between cargo transport units”, twice.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29)

4.1.1.17 Not applicable to the English text.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

4.1.3.8.1 (a) Replace “between transport units” by “between cargo transport units”, twice.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29)

4.1.3.8.1 (e) Replace “or to the wagon/transport unit or container” by “or to the cargo transport unit”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29)

4.1.4.1, packing instruction P200 (12) 4. In the text under the heading and in the Note, replace “marking” by “mark”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

4.1.4.1, packing instruction P200 (13) 4. In the second sentence, replace “marking” by “mark”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

4.1.4.1, P650 (1) Replace “wagons/vehicles or containers” by “cargo transport units”, twice.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29)

4.1.4.1, P650 (14) Replace “wagon/vehicle or container” by “cargo transport unit”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29)

4.1.4.1, P902 Under “Unpackaged articles”, replace “, wagons/vehicles or containers” by “or cargo transport units”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29)

4.1.4.3, LP902 Under “Unpackaged articles”, replace “, wagons/vehicles or containers” by “or cargo transport units”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29)

Chapter 4.2

4.2.5.3, TP 35 and TP 37 Delete and insert "(Deleted)".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/30)

Chapter 4.3

4.3.3.4.3 (f) (RID) Replace "marking" by "marks".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

4.3.4.1.3 (b) For Class 4.1, after “UN No. 2448 sulphur, molten: code LGBV;” add the following lines:

“UN No. 3531 polymerizing substance, solid, stabilized, n.o.s, (ADR) UN No. 3533 polymerizing substance, solid, stabilized, temperature controlled, n.o.s.: code SGAN;

UN No. 3532 polymerizing substance, liquid, stabilized, n.o.s, (ADR) UN No. 3534 polymerizing substance, liquid, stabilized, temperature controlled, n.o.s.: code L4BN.”.

(Reference document: Informal document INF.50)

4.3.5 Amend TU16 and TU21 to read as follows:

“TU16 Uncleaned empty tanks, shall, when handed over for carriage, either:

- be filled with nitrogen (with or without water); or

- be filled with water to not less than 96% and not more than 98% of their capacity. When low ambient temperatures are to be expected during the journey, sufficient

anti-freeze agent shall be added to prevent freezing of the water. The anti-freeze agent shall be free from corrosive action and not liable to react with the substance.”.

“TU21 The substance shall be covered with a protective agent by one of the following measures:

- (a) water to a depth of not less than 12 cm at the time of filling. The degree of filling of the substance and the water at a temperature of 60 °C shall not exceed 98%; or
- (b) nitrogen, in which case the degree of filling at a temperature of 60 °C shall not exceed 96%; or
- (c) a combination of water and nitrogen, in which case the substance shall be covered with a water layer and the remaining space filled with nitrogen. The degree of filling of the substance and the water at a temperature of 60 °C shall not exceed 98%.

When water is used as a protective agent according to (a) or (c) and low ambient temperatures are to be expected during the journey, sufficient anti-freeze agent shall be added to prevent freezing of the water. The anti-freeze agent shall be free from corrosive action and not liable to react with the substance.

When nitrogen is used as a protective agent according to (b) or (c), the remaining space shall be filled with nitrogen in such a way that, even after cooling, the pressure at no time falls below atmospheric pressure. The tank shall be closed in such a way that no leakage of gas occurs.”.

(Reference document: Informal document INF.50)

Chapter 5.2

5.2.1.1 The amendment does not apply to the English text.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

5.2.1.6 In the last paragraph, replace “These marks” by “These particulars” and replace “marking” by “mark”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

Chapter 5.3

5.3.1 Insert a new 5.3.1.1.4 to read as follows:

“5.3.1.1.4 For dangerous goods of Class 9 the placard shall correspond to the label model No. 9 as in 5.2.2.2.2; label model No. 9A shall not be used for placarding purposes.”. Renumber existing paragraphs accordingly.

(Reference document: Informal document INF.51)

5.3.2.1 (RID) In the Note, replace "orange-coloured marking" by "orange-coloured plate marking".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

5.3.2.1.8 (ADR) Replace “Orange-coloured marking” by “Orange-coloured plates”.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

5.3.4.1 (RID) Replace "5.3.1.1.5" by "5.3.1.1.6". In the first sentence of the second sub-paragraph, replace “marking” by “shunting marks”. Amend the beginning of the second sentence of the second paragraph to read as follows: "These may simply consist ...".

(Reference documents: Informal documents INF.51 and INF.8 and ECE/TRANS/WP.15/AC.1/2015/29)

Chapter 5.4

5.4.1.1.1 (c) Insert a new third indent as follows:

"– for lithium batteries of UN numbers 3090, 3091, 3480 and 3481: the Class number "9";".

Amend the beginning of the new fourth indent (former third indent) to read:

"for other substances and articles:".

(Reference document: Informal document INF.9)

5.4.1.1.6.2.1 Amend last paragraph to read as follows:

"In addition, in such a case

- (a) if the dangerous goods last loaded are goods of Class 2, the information prescribed in 5.4.1.1.1 (c) may be replaced by the number of the class "2".
- (b) if the dangerous goods last loaded are goods of Classes 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 8 or 9, the information of the goods last loaded, as described in 5.4.1.1.1 (c) may be replaced by the words " WITH RESIDUES OF [...]" followed by the class(es) and subsidiary risk(s) corresponding to the different residues, in the class numbering order.

Example: Empty packagings, uncleaned, having contained goods of Class 3 carried together with empty packagings, uncleaned, having contained goods of Class 8 with a Class 6.1 subsidiary risk may be referred to in the transport document as:

"EMPTY PACKAGINGS, WITH RESIDUES OF 3, 6.1, 8".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/24 as amended)

5.4.3.4 On page 3 of the instructions in writing, in the line for danger label model No. 9, insert the new danger label model No. 9A."

(Reference document: Informal document INF.9)

5.4.3.4 (RID) On page 3 of the instructions in writing, in the last line, in column (2), insert at the beginning "Risk of burns."

(Reference documents: ECE/TRANS/WP.15/AC.1/2015/35 and informal document INF.9 as amended)

5.4.3 Amend the text of Note 2 on page 3 of the model of Instructions in writing as follows: replace "above" by "in column (3) of the table".

(Reference document: Informal document INF.47)

5.4.3.4 (ADR) In the fourth page of the model of the Instruction in writing, in the heading after the Table, replace "vehicle" by "transport unit".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/35)

Chapter 5.5

5.5.2.1.1 Delete the Note.

5.5.3.6.1 The amendment does not apply to the English text.

5.5.3.6.2 The amendment does not apply to the English text.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

Chapter 6.1

6.1.3.7 (RID/ADR) Amend the beginning of the second paragraph to read as follows: "Any additional marks ...".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

6.1.3.14 Replace "marking" by "marks".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

Chapter 6.2

6.2.3.5.2 Replace "markings" by "marks".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

6.2.3.9.1 Replace "Markings" by "Marking".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

6.2.3.9.7.3 (a) Replace "This marking" by "This mark".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

6.2.3.10.1 Replace "Markings" by "Marking".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

6.2.3.11.4 In the last sentence, replace "marking" by "marks".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

6.2.4.1 In the table, for EN 1251-2:2000, in column (2), add a note to read as follows: "**NOTE:** Standard EN 1252-1:1998 referenced in this standard is also applicable to closed cryogenic receptacles for the carriage of UN No. 1972 (METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID).".

(Reference document: Informal document INF.50)

6.2.6.1.5 At the end, insert the following new sentence:

"In addition, the product of test pressure and water capacity shall not exceed 30 bar-litres for liquefied gases or 54 bar-litres for compressed gases and the test pressure shall not exceed 250 bar for liquefied gases or 450 bar for compressed gases".

(Reference document: Informal document INF.15 as amended)

Chapter 6.3

6.3.4.3 Amend the beginning of the second paragraph to read as follows: "Any additional marks shall...".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

Chapter 6.4

6.4.22.8 In the first sentence, insert "design" after "package".

6.4.22.8 (a) (ADR) Amend the end to read as follows: "...and that this certificate is validated by a competent authority of an ADR Contracting Party;".

6.4.22.8 (b) (ADR) Amend the end to read as follows: "...is approved by the competent authority of an ADR Contracting Party."

6.4.22.8 (a) (RID) Amend the end to read as follows: "...and that this certificate is validated by a competent authority of a RID Contracting State;"

6.4.22.8 (b) (RID) Amend the end to read as follows: "...is approved by the competent authority of a RID Contracting State."

Reference document: Informal document INF.45 as amended)

Chapter 6.8

6.8.2.5.2 (RID) In the first indent of the left-hand column, replace "marking" by "mark".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

6.8.2.6.1 (ADR) In the table, for EN 13530-2:2002 +A1:2004, in column (2), add a note to read as follows: "**NOTE:** Standard EN 1252-1:1998 referenced in this standard is also applicable to tanks for the carriage of UN No. 1972 (METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID)."

(Reference document: Informal document INF.50)

6.8.3.4.15 (e) Replace "markings" by "marks".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

6.8.3.5.11 (RID) In the first indent of the left-hand column, replace "marking" by "mark".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

6.8.3.6 (RID) Delete "(Reserved)" and insert the following new text:

"NOTE: Persons or bodies identified in standards as having responsibilities in accordance with RID shall meet the requirements of RID.

Type approval certificates shall be issued in accordance with 1.8.7. The standard referenced in the table below shall be applied for the issue of type approvals as indicated in column (4) to meet the requirements of Chapter 6.8 referred to in column (3). The standards shall be applied in accordance with 1.1.5. Column (5) gives the latest date when existing type approvals shall be withdrawn according to 1.8.7.2.4; if no date is shown the type approval remains valid until it expires.

Since 1 January 2009 the use of the referenced standards has been mandatory. Exceptions are dealt with in 6.8.3.7

If more than one standard is referenced for the application of the same requirements, only one of them shall be applied, but in full unless otherwise specified in the table below.

The scope of application of each standard is defined in the scope clause of the standard unless otherwise specified in the Table below.

Reference	Title of document	Applicable sub-sections and paragraphs	Applicable for new type approvals or for renewals	Latest date for withdrawal of existing type approvals
(1)	(2)	(3)	(4)	(5)
EN 13807:2003	Transportable gas cylinders – Battery vehicles – Design, manufacture, identification and testing <i>NOTE: Where appropriate this standard may be applied to MEGCs which consist of pressure receptacles.</i>	6.8.3.1.4 and 6.8.3.1.5, 6.8.3.2.18 to 6.8.3.2.26, 6.8.3.4.10 to 6.8.3.4.12 and 6.8.3.5.10 to 6.8.3.5.13	Until further notice	

"

(Reference document: Informal document INF.50)

6.8.3.6 (ADR) In the table, for EN 13807:2003, in column (2), add a note to read as follows: " **NOTE:** Where appropriate this standard may also be applied to MEGCs which consist of pressure receptacles."

(Reference document: Informal document INF.50)

6.8.4, special provision TT8 In the third paragraph, replace "marking" by "mark".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

Chapter 7.3

7.3.1.1 (b) Replace "with the code(s)" by "by the code".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/33)

7.3.3.2.3, AP4 Replace "loading and unloading" by "filling and discharging".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/37)

Chapter 7.5

7.5 (RID) Delete the Note after the heading.

7.5.1.2 (RID) In the second indent, replace "large container(s)" by "container(s)", "large container" by "container". Add "MEGC(s)," after "bulk container(s)", and "a MEGC," after "bulk container".

7.5.1 (ADR) Delete the Note after the heading.

7.5.1.1 (ADR) Replace "large container(s)" by "container(s)". Add "MEGC(s)," after "bulk container(s)".

7.5.1.2 (ADR) Subparagraphs (a) and (b) become indents.

7.5.1.2 (ADR) In the second indent, replace "large container(s)" by "container(s)". Add "MEGC(s)," after "bulk container(s)". In the last paragraph, replace "large container" by "container" and add "a MEGC," after "bulk container".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/37)

7.5.1.5 Replace "markings" by "marks".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

7.5.7.4 (ADR) Replace "unloading" by "removal".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/37)

7.5.11, CW36/CV36 At the end, add the following sentence: "For UN Nos. 2211 and 3314 this mark is not required when the vehicle/wagon or container is already marked according to special provision 965 of the IMDG Code."

(Reference document: ECE/TRANS/WP.15/AC.1/2015/52 as amended)

Chapter 8.1

8.1.4.4 (ADR) Replace "and a marking" by "and a mark".

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

Chapter 9.1

9.1.2.2 (ADR) Not applicable to the English text.

(Reference document: ECE/TRANS/WP.15/AC.1/2015/29 and informal document INF.8)

Chapter 9.7, correction (ADR)

9.7.3 Before "6.8.2.1.15" insert "6.8.2.1.13,".

(Reference document: Informal document INF.50)
