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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 2011 session <sup>1</sup>

held in Geneva from 13 to 23 September 2011

Addendum<sup>2</sup>

#### Annex I

**Texts adopted by the Joint Meeting (Draft amendments to RID, ADR  
and ADN for entry into force on 1 January 2013)**

#### Part 1

##### Chapter 1.2

1.2.1 In the definition for "*salvage packaging*", replace "or leaking" with "leaking or non-conforming".

*(Reference document: Informal document INF.16)*

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<sup>1</sup> Circulated by the Intergovernmental Organization for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2011-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.

<sup>2</sup> Circulated by the Intergovernmental Organization for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2011-B/Add.1.

1.2.1 In the Note in the definition for "Applicant", replace "an operator" with "a tank-container operator".

(Reference document: Informal document INF.10)

1.2.1 The amendments to the definition for "Box" and for "Bag" do not apply to the English text.

(Reference document: Informal document INF.10)

1.2.1 In the definition for "Bulk container", replace "'Bulk containers' means containment systems" with "'Bulk container' means a containment system". Replace "Bulk containers are" with "A bulk container is". In the second indent, replace "modes of carriage" with "means of transport".

(Reference document: Informal document INF.10)

1.2.1 In the definition for "Collective entry", replace "well defined" with "defined".

(Reference document: Informal document INF.10)

1.2.1 In the definition for "Combination packaging", replace "for transport purposes" with "for carriage purposes".

(Reference document: Informal document INF.10)

## Chapter 1.6

1.6.1 Add the following new transitional measure:

"1.6.1.27 Means of containment integral to equipment or machinery containing liquid fuels of UN Nos. 1202, 1203, 1223, 1268, 1863 and 3475 constructed before 1 July 2013, which do not conform to the requirements of 1.1.3.3 (c) (i) applicable as from 1 January 2013, may still be used."

(Reference document: Informal document INF.45 as amended)

1.6.3 Add the following new transitional measure:

"1.6.3.42 For UN No. 2381, the tank code specified in column (12) of Table A of Chapter 3.2 applicable up to 31 December 2012 may continue to be applied until 31 December 2018 for tank-wagons/fixed tanks (tank-vehicles) and demountable tanks constructed before 1 July 2013."

(Reference document: Informal document INF.54)

1.6.4 Add the following new transitional measure:

"1.6.4.45 For UN No. 2381, the tank code specified in column (12) of Table A of Chapter 3.2 applicable up to 31 December 2012 may continue to be applied until 31 December 2018 for tank-containers constructed before 1 July 2013."

(Reference document: Informal document INF.54)

## Chapter 1.8

Add a new 1.8.7.2.5 to read as follows:

"1.8.7.2.5 In the case of a modification of a pressure receptacle, tank, battery-wagon/vehicle or MEGC with a valid, expired or withdrawn type approval, the testing, inspection and approval are limited to the parts of the pressure receptacle, tank, battery-wagon/vehicle or MEGC that have been modified. The modification shall meet the provisions of RID/ADR applicable at the time of the modification. For all parts of the

pressure receptacle, tank, battery-wagon/vehicle or MEGC not affected by the modification, the documentation of the initial type approval remains valid.

A modification may apply to one or more pressure receptacles, tanks, battery-wagons/vehicles or MEGCs covered by a type approval.

A certificate approving the modification shall be issued to the applicant by the competent authority of any RID Contracting State /Contracting Party to ADR or by a body designated by this authority. For tanks, battery-wagons/vehicles or MEGCs, a copy shall be kept as part of the tank record.

Each application for an approval certificate for a modification shall be lodged by the applicant with a single competent authority or body designated by this authority."

*(Reference document: Informal document INF.54 as amended)*

## **Part 2**

### **Chapter 2.1**

2.1.3.8 Amend to read as follows:

"2.1.3.8 Substances of classes 1 to 6.2, 8 and 9, other than those assigned to UN Nos. 3077 and 3082, meeting the criteria of 2.2.9.1.10 are additionally to their hazards of classes 1 to 6.2, 8 and 9 considered to be environmentally hazardous substances. Other substances meeting the criteria of no other class, but those of 2.2.9.1.10 are to be assigned to UN Nos. 3077 and 3082 as appropriate. "

*(Reference document: ECE/TRANS/WP.15/AC.1/2011/41)*

### **Chapter 2.2**

2.2.2.1.6, first Note Replace "or of pyrophoric gases according to packing instruction P200" with "and gases identified as "Considered as pyrophoric" by table note c of Table 2 of packing instruction P200".

2.2.3.1.1, Note 1 At the beginning, delete ", non toxic and non corrosive, ".

*(Reference document: ECE/TRANS/WP.15/AC.1/2011/46)*

## **Part 3**

### **Chapter 3.2, Table A**

For UN No. 1006 and 1046, in column (6), add "653".

Delete the entries for Packing Group I for UN Nos. 1169, 1197, 1266, 1286 and 1287.

*(Reference document: Informal document INF.12)*

*Consequential amendment: In 4.1.1.19.6 (renumbered 4.1.1.21.6), in table 4.1.1.19.6 (renumbered 4.1.1.21.6), for UN Nos. 1169, 1197, 1266, 1286 and 1287, in column "Packing group", replace "I/II/III" with "II/III".*

For UN numbers 1011, 1049, 1075, 1954, 1965, 1969, 1971 and 1978, add special provision "660" to column (6).

*(Reference document: document ECE/TRANS/WP.15/AC.1/2011/40)*

For UN Nos. 1008, 1017, 1048, 1050, 1053 and 1079, add "TT10" in column (13).

*(Reference documents: ECE/TRANS/WP.15/AC.1/2011/32 and informal document INF.54)*

### Chapter 3.3

3.3.1 SP 653 Amend the first sentence to read as follows:

"653 The carriage of this gas in cylinders having a test pressure capacity product of maximum 15.2 MPa. litre (152 bar. litre) is not subject to the other provisions of RID/ADR if the following conditions are met: "

3.3.1 SP 653 Amend the beginning of the fifth indent to read as follows:

"Each package is clearly and durably marked with "UN 1006" for argon compressed, "UN 1013" for carbon dioxide, "UN 1046" for helium compressed or "UN 1066" for nitrogen, compressed..."

*(Reference document: document ECE/TRANS/WP.15/AC.1/2011/34)*

Add the following new special provision 660:

"660 For the carriage of fuel gas containment systems designed to be fitted in motor vehicles containing this gas the provisions of sub-section 4.1.4.1, Chapter 5.2, Chapter 5.4 and Chapter 6.2 of RID/ADR need not be applied, provided the following conditions are met:

(a) The fuel gas containment systems meet the requirements of ECE Regulation No. 67 Revision 2 as amended<sup>4</sup>, ECE Regulation No. 110 Revision 1 as amended<sup>5</sup> or ECE Regulation No. 115 as amended<sup>6</sup> or Regulation No. 79/2009<sup>7</sup> in combination with Regulation No. 406/2010<sup>8</sup>, as applicable.

(b) The fuel gas containment systems shall be leakproof and shall not exhibit any signs of external damage which may affect their safety.

*NOTE 1: Criteria may be found in standard ISO 11623:2002 Transportable gas cylinders – Periodic inspection and testing of composite gas cylinders (or ISO DIS 19078 Gas cylinders - Inspection of the cylinder installation, and requalification of high pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles).*

*NOTE 2: If the fuel gas containment systems are not leakproof or overfilled or if they exhibit damage that could affect their safety, they shall only be carried in salvage pressure receptacles in conformity with RID/ADR.*

(c) If the fuel gas containment system is equipped with two valves or more integrated in line, two valves shall be so closed as to be gastight under normal conditions of carriage. If

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<sup>4</sup> ECE Regulation No. 67 (Uniform provisions concerning: I. Approval of specific equipment of motor vehicles using liquefied petroleum gases in their propulsion system; II. Approval of a vehicle fitted with specific equipment for the use of liquefied petroleum gases in its propulsion system with regard to the installation of such equipment).

<sup>5</sup> ECE Regulation No. 110 (Uniform provisions concerning: I. Specific components of motor vehicles using compressed natural gas (CNG) in their propulsion system; II. vehicles with regard to the installation of specific components of an approved type for the use of compressed natural gas (cng) in their propulsion system).

<sup>6</sup> ECE Regulation No. 115 (Uniform provisions concerning the approval of: I. Specific LPG (liquefied petroleum gases) retrofit systems to be installed in motor vehicles for the use of LPG in their propulsion system; II. Specific CNG (compressed natural gas) retrofit systems to be installed in motor vehicles for the use of CNG in their propulsion system).

<sup>7</sup> Regulation (EC) No 79/2009 of the European Parliament and of the Council of 14 January 2009 on type-approval of hydrogen-powered motor vehicles, and amending Directive 2007/46/EC.

<sup>8</sup> Commission Regulation (EU) No 406/2010 of 26 April 2010 implementing Regulation (EC) No 79/2009 of the European Parliament and of the Council on type-approval of hydrogen-powered motor vehicles.

only one valve exists or only one valve works properly all openings with the exception of the opening of the pressure relief device shall be so closed as to be gastight under normal conditions of carriage.

(d) Fuel gas containment systems shall be carried in such a way as to prevent obstruction of the pressure relief device or any damage to the valves and any other pressurised part of the fuel gas containment systems and unintentional release of the gas under normal conditions of carriage. The fuel gas containment system shall be secured so as to prevent slipping, rolling or vertical movement.

(e) Fuel gas containment systems shall satisfy the provisions of 4.1.6.8 (a), (b), (c), (d) or (e).

(f) The marking and labelling provisions of Chapter 5.2 shall be met, unless fuel gas containment systems are consigned in a handling device. If so, the markings and danger labels shall be affixed to the handling device.

(g) Documentation

Every consignment that is carried in accordance with this special provision shall be accompanied by a transport document, containing at least the following information:

- (i) the UN number of the gas contained in the fuel gas containment systems, preceded by the letters "UN";
- (ii) the proper shipping name of the gas;
- (iii) the label model number;
- (iv) the number of fuel gas containment systems;
- (v) in the case of liquefied gases the net mass in kg of the gas of each fuel gas containment system and in the case of compressed gases the nominal capacity in litres of each fuel gas containment system followed by the nominal working pressure;
- (vi) the names and the addresses of the consignor and the consignee.

(i) to (v) shall appear according to one of the following examples:

Example 1: "UN 1971 natural gas, compressed, 2.1, 1 fuel gas containment system of 50 l in total, 200 bar".

Example 2: "UN 1965 hydrocarbon gas mixture, liquefied, n.o.s., 2.1, 3 fuel gas containment systems, each of 15 kg net mass of gas".

*NOTE: All other provisions of RID/ADR shall be applied. "*

*(Reference documents: ECE/TRANS/WP.15/AC.1/2011/40 and informal document INF.52)*

#### **Chapter 3.4**

(ADR:)

3.4.13 (a) Amend to read as follows:

" (a) Transport units with a maximum mass exceeding 12 tonnes carrying packages with dangerous goods in limited quantities shall be marked in accordance with 3.4.15 at the front and at the rear except when the transport unit contains other dangerous goods for which orange-coloured plate marking in accordance with 5.3.2 is required. In this latter case, the transport unit may display the required orange-coloured plate marking only, or both the orange-coloured plate marking in accordance with 5.3.2 and the marking in accordance with 3.4.15. "

3.4.13 (b) Amend to read as follows:

"(b) Containers carrying dangerous goods in limited quantities, on transport units with a maximum mass exceeding 12 tonnes, shall be marked in accordance with 3.4.15 on all four sides except when the container contains other dangerous goods for which placarding in accordance with 5.3.1 is required. In this latter case, the container may display the required placards only, or both the placards in accordance with 5.3.1 and the marking in accordance with 3.4.15."

*(Reference document: Informal document INF.50/Rev.1)*

(RID:)

3.4.13 (a) Amend to read as follows:

"(a) Wagons carrying packages with dangerous goods in limited quantities shall be marked in accordance with 3.4.15 on both sides except when the wagon contains other dangerous goods for which placarding in accordance with 5.3.1 is required. In this latter case, the wagon may display the required placards only, or both the placards in accordance with 5.3.1 and the marking in accordance with 3.4.15.

3.4.13 (b) Amend the first sentence to read as follows:

"Large containers carrying packages with dangerous goods in limited quantities shall be marked in accordance with 3.4.15 on all four sides except when the large container contains other dangerous goods for which placarding in accordance with 5.3.1 is required. In this latter case, the large container may display the required placards only, or both the placards in accordance with 5.3.1 and the marking in accordance with 3.4.15."

*(Reference document: Informal document INF.50/Rev.1)*

**Part 4**

**Chapter 4.1**

4.1.4.1P110(b) (ADR only) , P111, P112(a), P112(b), P112(c), P113, P114(a), P114(b), P115, P116, P130, P131, P132(a), P132(b), P133, P134, P135, P136, P137, P138, P139, P140, P141, P142, P143, P144 In the headings of the columns, delete "and arrangements" wherever it appears.

*(Reference document: Informal document INF.20)*

P200 (3) (d), in the Note, at the end, replace "which approved the receptacles" with "which issued the type approval".

*(Reference document: ECE/TRANS/WP.15/AC.1/2011/36 as amended)*

4.1.4.1P200 (7) (b) Replace "the corrosion contaminants level of EN 1440:2008, annex E.1, letter b" with "ISO 9162".

*(Reference document: Informal document INF.51, consequential amendment)*

P200 (9) At the end of the last paragraph, replace "by the competent authority of the Contracting Party to ADR/of the RID Contracting State which has approved the technical code for the design and construction" with "by the competent authority which issued the type approval".

*(Reference document: ECE/TRANS/WP.15/AC.1/2011/36 as amended)*

4.1.4.1P200 (11) Delete the rows for standards "EN 1801:1998" and "EN 12755:2000" and add the following new row at the end:

Applicable	Reference	Title of document
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<b>requirements</b>		
(10) p	EN ISO 11372:[2011]	Gas cylinders – Acetylene cylinders – Filling conditions and filling inspection [(ISO 11372:2010)]

(Reference document: Informal document INF.51)

4.1.4.1P200 (12) In 2.5: Replace "the corrosion contaminants level of EN 1440:2008, annex E.1, letter b" with "ISO 9162".

(Reference document: Informal document INF.51)

## Chapter 4.2

4.2.5.2.6 T50 In the heading of the last column, replace "Maximum filling density (kg/l)" with "Maximum filling ratio".

(Reference document: Informal document INF.20)

## Chapter 4.3

4.3.2.2.1 (a) and (b) Replace "venting system" with "breather device".

(Reference document: Informal document INF.54)

4.3.3.2.5, Table Add a new row to read as follows:

UN No.	Name	Classification code	Minimum test pressure for tanks				Maximum permissible mass of contents per litre of capacity
			With thermal insulation		Without thermal insulation		
			MPa	bar	MPa	bar	
1075	Petroleum gases, liquefied	2 F	See 4.3.3.2.2 or 4.3.3.2.3				Kg

(Reference document: Informal document INF.54)

Add a new 4.3.3.3.4 to read as follows:

"4.3.3.3.4 When the external overpressure could be greater than the tank resistance to external pressure (e.g. due to low ambient temperatures), adequate measures shall be taken to protect tanks carrying low pressure liquefied gases against the risk of deformation, e.g. by filling them with nitrogen or another inert gas in order to maintain sufficient pressure inside the tank."

(Reference document: Informal document INF.54)

4.3.4.1.1 In the table, for "Part 4":

For "V =" and "F =" Replace "venting system," with "breather device" and replace "flame trap" with "device protecting against the propagation of a flame".

For "N =" Replace "venting system" with "breather device".

(Reference document: Informal document INF.54)

## Chapter 4.5

4.5.2.2 Amend to read as follows:

"4.5.2.2 For carriage of liquids meeting the flash point criteria of Class 3, vacuum-operated waste tanks shall be filled through filling devices which discharge into the tank at a low level. Measures shall be taken to minimize the production of spray."

(Reference document: Informal document INF.54)

**Part 5**

**Chapter 5.3**

**5.3.1.7.3** Add the following sentence at the end:

"If these labels are not visible from outside the carrying wagon/vehicle, placards according to 5.3.1.7.1 shall also be affixed to both sides of the wagon/to both sides and at the rear of the vehicle."

*(Reference document : ECE/TRANS/WP.15/AC.1/2011/47).*

**Part 6**

**Chapter 6.2**

6.2.4.1, table, under "For design and construction":

In the row for standard "EN 12245:2002", amend the text in column (4) to read "Before 1 January 2015".

After the row for standard "EN 12245:2002", add a new row to read as follows:

EN 12245:2009 +A1:[2011]	Transportable gas cylinders – Fully wrapped composite cylinders	6.2.3.1 and 6.2.3.4	Until further notice	
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In the row for standard "EN 13769:2003 +A1:2005" amend the text in column (4) to read "Before 1 January 2015".

After the row for standard "EN 13769:2003 +A1:2005", add a new row to read as follows:

EN ISO 10961:[2012]	Gas cylinders – Cylinder bundles – Design, manufacture, testing and inspection	6.2.3.1 and 6.2.3.4	Until further notice	
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*(Reference document: Informal document INF.51)*

6.2.4.2 At the end of the table add the following new rows:

EN 15888:[2011]	Transportable gas cylinders - Cylinder bundles - Periodic inspection and testing		Mandatory from 1 January 2015
EN 1440:2008 +A1:[2012] (except Annexes G and H)	LPG equipment and accessories – Periodic inspection of transportable refillable LPG cylinders		Mandatory from 1 January 2015

*(Reference document: Informal document INF.51)*

6.2.6.4 In the second indent, replace "EN 417:2003" with "EN 417:[2011]".

*(Reference document: Informal document INF.51)*

**Chapter 6.8**

6.8.2.2.3 Second paragraph Replace "venting systems" with "breather devices" and replace "shall prevent the immediate passage of flame into the tank by means of a suitable device to prevent the propagation of a flame" with "shall prevent the immediate passage of flame into the shell by means of a suitable protective device".

6.8.2.2.3 Third paragraph Replace "If the protection consists of" with " If the protection device consists of". The two other amendments do not apply to the English text.

*(Reference document: Informal document INF.54)*



6.8.2.2.6 Replace "venting system" with "breather device".

*(Reference document: Informal document INF.54)*

Add a new 6.8.2.3.4 to read as follows:

"6.8.2.3.4 In the case of a modification of a tank with a valid, expired or withdrawn type approval, the testing, inspection and approval are limited to the parts of the tank that have been modified. The modification shall meet the provisions of RID/ADR applicable at the time of the modification. For all parts of the tank not affected by the modification, the documentation of the initial type approval remains valid.

A modification may apply to one or more tanks covered by a type approval.

A certificate approving the modification shall be issued by the competent authority of any RID Contracting State /Contracting Party to ADR or by a body designated by this authority and shall be kept as part of the tank record.

Each application for an approval certificate for a modification shall be lodged with a single competent authority or body designated by this authority."

*(Reference document: Informal document INF.54 as amended)*

6.8.2.4.3 In the last but one paragraph, replace "venting system" with "breather device".

*(Reference document: Informal document INF.54 as amended)*

(ADR :)

Amend 6.8.2.5.2 to read as follows :

6.8.2.5.2 The following particulars shall be inscribed on the tank-vehicle (on the tank itself or on plates) <sup>12</sup>:

- name of owner or operator;
- unladen mass of the tank-vehicle; and
- maximum permissible mass of the tank-vehicle.

The following particulars shall be inscribed on a demountable tank (on the tank itself or on plates) <sup>12</sup>:

- name of owner or operator;
- "demountable tank";
- tare of the tank;
- maximum permissible gross mass of the tank.
- for the substances according to 4.3.4.1.3, the proper shipping name of the substance(s) accepted for carriage;
- tank code according to 4.3.4.1.1;
- for substances other than those according to 4.3.4.1.3, the alphanumeric codes of all special provisions TC and TE which are shown in column (13) of Table A of Chapter 3.2 for the substances to be carried in the tank.

The following particulars shall be inscribed on the tank-container (on the tank itself or on plates) <sup>12</sup>:

- names of owner and of operator;
- capacity of the shell;
- tare;
- maximum permissible gross mass;
- for the substances according to 4.3.4.1.3, the proper shipping name of the substance(s) accepted for carriage;
- tank code according to 4.3.4.1.1;
- for substances other than those according to 4.3.4.1.3, the alphanumeric codes of all special provisions TC and TE which are shown in column (13) of Table A of Chapter 3.2 for the substances to be carried in the tank.

(RID :)

In the right-hand column, replace "maximum permissible laden mass" with "maximum permissible gross mass".

(Reference documents: ECE/TRANS/WP.15/AC.1/2011/42 and informal document INF.54)

(ADR:)

6.8.2.6.1 In the table, under "For tanks intended for the carriage of liquid petroleum products and other dangerous substances of Class 3 which have a vapour pressure not exceeding 110 kPa at 50 °C and petrol, and which have no toxic or corrosive subsidiary hazard":

In the row for standard "EN 13082:2001" amend the text in column (4) to read "Between 1 January 2005 and 30 June 2013" and insert "31 December 2014" in column (5).

After the row for standard "EN 13082:2001" insert the following new row:

EN 13082:2008 +A1:[2011]	Tanks for transport of dangerous goods – Service equipment for tanks – Vapour transfer valve	6.8.2.2 and 6.8.2.4.1	Until further notice	
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(Reference document: Informal document INF.51)

(ADR:)

<sup>12</sup> Add the units of measurement after the numerical values.

6.8.2.6.1 In the table, under "For tanks for gases of Class 2":

In the row for standard "EN 12493:2008 (except Annex C) " amend the text in column (4) to read "Between 1 January 2010 and 30 June 2013" and insert "31 December 2014" in column (5).

After the row for standard "EN 12493:2008 (except Annex C) " insert the following new row:

EN 12493:2008+ A1:[2012] (except Annex C)	LPG equipment and accessories –Welded steel tanks for liquefied petroleum gas (LPG) – Road tankers – Design and manufacture <i>NOTE: Road tankers is to be understood in the meaning of "fixed tanks" and "demountable tanks" as per ADR.</i>	1.2.1, 6.8.1 6.8.2.1 (with the exception of 6.8.2.1.17), 6.8.2.5, 6.8.3.1, 6.8.3.5, 6.8.5.1 to 6.8.5.3	Until 31 December 2013	31 December 2015
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(Reference document: Informal document INF.51)

6.8.3.4.6 Amend to read as follows:

"6.8.3.4.6 By derogation from the requirements of 6.8.2.4.2, the periodic inspections shall take place:

at least after eight/six years

at least after eight years

of service and thereafter at least every 12 years in the case of tanks intended for the carriage of refrigerated liquefied gases.

The intermediate inspections according to 6.8.2.4.3 shall be carried out at least six years after each periodic inspection.

A leakproofness test or an intermediate inspection according to 6.8.2.4.3 may be performed, at the request of the competent authority, between any two successive periodic inspections. "

(Reference document: ECE/TRANS/WP.15/AC.1/2011/32 and informal document INF.54 as amended)

6.8.4 (d) Add a new special provision TT10 to read as follows:

(RID:)

"TT10 The periodic inspections according to 6.8.2.4.2 shall take place:

at least every four years.

at least every two and a half years. "

(ADR:)

"TT10 The periodic inspections according to 6.8.2.4.2 shall take place:

at least every three years.

at least every two and a half years. "

(Reference document: ECE/TRANS/WP.15/AC.1/2011/32 and informal document INF.54)

6.12.4.4 Replace "venting system" with "breather device".

(Reference document: Informal document INF.54)

## Part 7

### Chapter 7.5

7.5.1.3 Transfer the last sentence of 7.5.1.3 at the end of 7.5.1.2.

*(Reference document: Informal document INF.13)*

(RID/ADR:)7.5.1.5 / (ADN:) 7.1.4.14.1.4      Insert "and overpacks" after "packages".

*(Reference document: ECE/TRANS/WP.15/AC.1/2011/29)*

**Document ECE/TRANS/WP.15/AC.1/2011/30/Add.1 adopted with the following modifications:**

**Chapter 1.1**

1.1.3.3 (c)      At the beginning, replace "(other than wagons/vehicles)" with "(ADR: other than those covered under (a) or (b) above/RID: other than those covered under (b) above)".

1.1.3.3 (c) (iv)      Amend to read as follows:

"(iv) Where the means of containment has a capacity of more than 60 litres but not more than 450 litres, the machinery or equipment is labelled on one external side in accordance with 5.2.2 and where the capacity is greater than 450 litres but not more than 1 500 litres the machinery or equipment is labelled on all four external sides in accordance with 5.2.2; and".

1.1.3.3 (c) (v) Amend to read as follows:

"(v) Where the means of containment has a capacity greater than 1 500 litres, the machinery or equipment is placarded on all four external sides in accordance with 5.3.1.1.1, the requirement of 5.4.1 applies and the transport document includes the following additional statement: "carriage in accordance with 1.1.3.3 (c)".

1.1.3.3 (c) (vi)      Delete.

**Chapter 2.2**

Amend 2.2.1.1.8.1 to read as follows:

"2.2.1.1.8.1 An article or a substance may be excluded from Class 1 by virtue of test results and the Class 1 definition with the approval of 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."

2.2.1.1.8.2, at the beginning      Replace "An article may be excluded from Class 1 by competent authority approval" with "With the approval of the competent authority in accordance with 2.2.1.1.8.1, an article may be excluded from Class 1".

2.2.1.1.8.2, amend Note 2 to read as follows and remove the square brackets:

**"NOTE 2:** *The competent authority referred to in 2.2.1.1.8.1 may require testing in packaged form if it is determined that, as packaged for carriage, the article may pose a greater risk.*"

*(Reference document: Informal document INF.44 as amended)*

2.2.1.1.8 (Renumbered 2.2.1.4)      Replace "[Add a new definition for "CARTRIDGES FOR TOOLS, BLANK"]" with:

"Add a new definition for "CARTRIDGES FOR TOOLS, BLANK" to read as follows:

“CARTRIDGES FOR TOOLS, BLANK: UN No. 0014

Article, used in tools, consisting of a closed cartridge case with a centre or rim fire primer with or without a charge of smokeless or black powder but with no projectile.”.

*(Reference document: Informal document INF.32 as amended)*

2.2.62.1.5.3 Delete the square brackets.

*(Reference document: Informal document INF.20)*

### **Chapter 3.2, Table A, new entries**

Delete the new entry for UN No. 3496.

For UN No. 3497, packing group II, in column (19), insert “CE10” (RID only).

For UN No. 3497, packing group III, in column (19), replace “CE10” with “CE11” (RID only).

For UN No. 3498, in column (19), replace “CE11” with “CE10” (RID only).

For UN No. 3499, in column (19), replace “CE10” with “CE2” (RID only).

In the new entry for UN No. 3506, delete the square brackets in columns (9b) and (18).

### **Chapter 3.2, Table A, Consequential amendments**

In the consequential amendments for chemicals under pressure after the amendments to Table A, for 2.2.2.1.2, new subdivision 8, insert "and mixtures thereof" at the end.

*(Reference document: Informal document INF.11)*

In the consequential amendments for chemicals under pressure after the amendments to Table A:

2.2.2.1.7, Note 1 Replace "or of pyrophoric gases according to packing instruction P200" with "or gases identified as “Considered as pyrophoric” by table note c of Table 2 of packing instruction P200".

### **Chapter 3.3**

SP188 (e) Replace “transport” with “carriage”.

SP240 Transfer the amendment after "123(Reserved)" in the new special provisions and amend to read as follows:

"240 See the last NOTE in 2.2.9.1.7".

*Consequential amendment:*

*In Table A of Chapter 3.2, for UN No. 3171, after "NOT SUBJECT TO RID/ADR/ADN" insert ", see also special provision 240 in Chapter 3.3."*

### **Chapter 3.4**

3.4.1 Delete the square brackets.

### **Chapter 4.1**

4.1.1.20.2, third sentence Replace “Measures shall be taken” with “Appropriate measures shall be taken”.

4.1.1.20.5 Replace “[6.2.1.6.1] and [6.2.3.5]” with “6.2.3.5”.

4.1.4.1P201 (1) Replace “Cylinders, tubes and pressure drums” with “Cylinders and gas receptacles”.

*(Reference document: Informal document INF.20)*

4.1.4.1P903 (4) Delete the text in square brackets.

*(Reference document: Informal document INF.20)*

## **Chapter 4.2**

4.2.5.2.6 T50 In the new footnote c, replace "of the maximum filling density" with "of the maximum filling ratio".

*(Reference document: Informal document INF.20)*

## **Chapter 5.2**

5.2.1.1 Amend the new second sentence to read as follows: "The UN number and the letters "UN" shall be at least 12 mm high, except for packages of 30 litres capacity or less or of 30 kg maximum net mass and for cylinders of 60 litres water capacity or less, when they shall be at least 6 mm in height and except for packages of 5 litres or 5 kg or less when they shall be of an appropriate size.".

*(Reference document: Informal document INF.46)*

5.2.1.1, in the consequential amendment, amend 1.6.1.25 to read as follows:

"1.6.1.25 Packages marked with a UN number in accordance with the provisions of RID/ADR/ADN applicable up to 31 December 2012 and which do not conform to the requirements of 5.2.1.1 regarding the size of the UN number and of the letters "UN" applicable as from 1 January 2013 may continue to be used until 31 December 2013, and, for cylinders of 60 litres water capacity or less, until the next periodic inspection but no later than 30 June 2018. ".

*(Reference document: Informal document INF.43)*

## **Chapter 5.5**

5.5.3.6.2 b) (for ADR/ADN and for RID), in Note \* below the illustration of the mark before 5.5.3.7 and in 5.5.3.7.1 (b) Replace “the proper shipping name” with “the name indicated in Column (2) of Table A of Chapter 3.2”.

## **Chapter 6.2**

The first amendment applies only to the French text.

6.2.3.11.2 Delete the square brackets.

6.2.3.11.4 Replace “[6.2.2.7] [6.2.3.9]” with “6.2.3.9” and delete the remaining square brackets.

## **Chapter 6.11**

6.11.5.4.2 The amendment applies only to the French text.

## **Chapter 7.5**

7.5.2.4 Amend to read as follows:

"7.5.2.4 Mixed loading of dangerous goods packed in limited quantities with any type of explosive substances and articles, except those of Division 1.4 and UN Nos 0161 and 0499, is prohibited."

### **Whole document**

Delete the remaining square brackets.

*(Reference document: Informal document INF.54)*

## **Amendment to document ECE/TRANS/WP.15/AC.1/122, Annex II**

### **Chapter 1.6**

(ADR :)

Amend 1.6.3.41 to read as follows:

"1.6.3.41 Fixed tanks (tank-vehicles) and demountable tanks constructed before 1 July 2013 in accordance with the requirements in force up to 31 December 2012, but which do not, however, meet the marking provisions of 6.8.2.5.2 or 6.8.3.5.6 applicable as from 1 January 2013, may continue to be marked in accordance with the requirements applicable up to 31 December 2012 until the next periodic inspection after 1 July 2013."

*(Reference document: ECE/TRANS/WP.15/AC.1/2011/42)*

### **Chapter 5.4**

5.4.1.1.18 Remove the square brackets.

### **Chapter 6.2**

In the amendments to 6.2.4.1, for new standard EN ISO 7866:2011, place "2011" in square brackets.

*(Reference document: Informal document INF.51)*

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