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**ECONOMIC COMMISSION FOR EUROPE**

INLAND TRANSPORT COMMITTEE

Working Party on the Transport of Dangerous Goods

Joint Meeting of the RID Safety Committee and the  
Working Party on the Transport of Dangerous Goods

**REPORT OF THE SESSION**

**held in Geneva from 13 to 23 September 2005**

**Addendum 2 \*/**

**Annex 2**

**Texts adopted by the Joint Meeting**

Document TRANS/WP.15/AC.1/2005/42/Add.1 adopted with the following modifications:

- 1.1.3.2 Delete the proposed amendment.
- 1.7.4.2 Delete the proposed amendment.
- 1.10.5 Add the following new amendment:  
"In Table 1.10.5, for Class 6.2, in Column "Bulk", replace letter "a" by "0"."
- 2.2.3.1.1 In the consequential amendments, delete the square brackets for 2.2.9.1.14.
- 2.2.62.1.4.1 Delete the square brackets.
- 2.2.62.1.5.6 Delete the square brackets and the text proposed as Option 2.

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\*/ Circulated by the Central Office for International Carriage by Rail (OCTI) under the symbol OCTI/RID/GT-III/2005-B/Add.2.

3.2 **Table A**

In the new entry for UN No. 3469, packing group II, add "S20" in column (19).

In the new entry for UN No. 3471, packing groups II and III, replace "[L4DH L4BN]" with "L4DH" in column (12) and delete the square brackets in Column (13). For packing group III, in column (13), replace "(ADR) TU14 TE21 (RID) TE17 TT4" with "TU14 TE21".

In the new entry for UN No. 2814 INFECTIOUS SUBSTANCE, AFFECTING HUMANS (animal carcasses only), add "P099" in column (8) and delete "(RID)" in column (20) and "634" in column (6) respectively.

Add the following new amendments:

"UN No. 2900 Delete "BK1 BK2" in column (10) and (ADR only:) delete "606" in column (20)."

Add the following new entry:

(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)
2900	INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only (animal carcasses and wastes only)	6.2	12		6.2	318	LQ0	P099 P620		MP5	BK1 BK2

(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
				0			(ADR) CV13 CV25 CV26 CV28 (RID) CW13 CW18 CW26 CW28	S3 S9 S15/ CE14	606

"

## 3.3.1 Delete the amendments to special provisions "204" and "634".

**SP289** Delete the consequential amendment in square brackets.

Insert the following new amendment:

**"SP645** Add the following new sentence at the end:

"When assignment to a hazard division is made in accordance with the procedure in 2.2.1.1.7.2, the competent authority may require the default classification to be verified on the basis of test data derived from Test Series 6 of the Manual of Tests and Criteria."."

4.1.3.6 In 4.1.3.6.1, delete the square brackets around "and in 4.1.4.4", delete "[and 6.2.3.3]" and insert, at the end of sub-paragraph (b), the words "and that, for metallic cylinders, tubes, pressure drums and bundles of cylinders, the construction is such that the minimum burst ratio (burst pressure divided by test pressure) is:

- (i) 1.50 for refillable pressure receptacles;
- (ii) 2.00 for non-refillable pressure receptacles,".

4.1.4.1 **P200 (10)** Special provisions "k" and "n": Delete the square brackets.

Special provision "n": In the first paragraph ("For UN 2190,..."), insert "cylinders and" before "individual cylinders" and delete "and assemblies of cylinders".

In the first sentence of the second paragraph ("For UN 1045,..."), replace "individual cylinders" with "cylinders, individual cylinders within a bundle".

Insert the following new amendment:

**P204** Amend to read as follows: "(Deleted)".

**P650** Delete the square brackets.

4.1.4.4 Delete the proposed amendment.

5.2.1.9.1 In the third indent, delete "open".

5.2.1.9.2 (a) Insert "except for closed cryogenic receptacles" after "pressure receptacles".

5.2.1.9.2 (d) Insert "IP-2, IP-3, A," before "B(U)".

7.3.2.6.1 In the title, as amended, insert "(animal carcasses and wastes only)" after "2900".

7.5.11 Delete all square brackets.

7.5.11 CV33/CW33 (1) (1.1)

In the first sentence, insert "and unpackaged radioactive material" before "shall be segregated".

**Document TRANS/WP.15/AC.1/96, annex 1:**

Delete all remaining square brackets.

**Document TRANS/WP.15/AC.1/98/Add.2:**

1.2.1 In the new definition for "Capacity of shell or shell compartment", add the following new sentence at the end:

"When it is impossible to completely fill the shell or the shell compartment because of its shape or construction, this reduced capacity shall be used for the determination of the degree of filling and for the marking of the tank."

*(Ref. Doc.: INF.64)*

3.2.1 In the amendments to Table A in Chapter 3.2, for UN Nos. 1391, 1649 and 2030, replace "61 °C" with "60 °C" in the description.

6.1.6.1 Amend the amendment to 6.1.6.1 (a) to read as follows:

"6.1.6.1 (a) Replace "1 to 10% of a wetting agent" by "1% of alkyl benzene sulphonate, or an aqueous solution of 5% nonylphenol ethoxylate which has been preliminary stored for at least 14 days at a temperature of 40 °C before being used for the tests,"."

Delete the remaining square brackets.

*(Ref. Doc.: INF.15)*

**New amendments to RID/ADR/ADN:**

**Part 1**

(RID/ADN:)

1.1.3.1 (d) Amend as follows:

"(d) the carriage undertaken by or under the supervision of the emergency services, insofar as such carriage is necessary in relation to the emergency response, in particular carriage undertaken to contain and recover the dangerous goods involved in an incident or accident and move them to a safe place;"

(ADR:)

1.1.3.1 (d) Amend as follows:

"(d) the carriage undertaken by or under the supervision of the emergency services, insofar as such carriage is necessary in relation to the emergency response, in particular carriage undertaken:

- by breakdown vehicles carrying vehicles which have been involved in accidents or have broken down and contain dangerous goods; or

- to contain and recover the dangerous goods involved in an incident or accident and move them to a safe place;"  
(*Ref. Doc.: TRANS/WP.15/AC.1/2005/38 as amended by INF.66*)

1.1.3.1 Add a new sub paragraph (f) to read:

- "(f) the carriage of uncleaned empty static or storage vessels and tanks which have contained gases of Class 2, groups A, O or F, substances of Class 3 or Class 9 belonging to packing group II or III or pesticides of Class 6.1 belonging to packing group II or III, subject to the following conditions:
- All openings with the exception of pressure relief devices (when fitted) are hermetically closed;
  - Measures have been taken to prevent any leakage of contents in normal conditions of carriage; and
  - The load is fixed in cradles or crates or other handling devices or to the wagon/vehicle or container [ADN: wagon, vehicle, container or vessel] in such a way that they will not become loose or shift during normal conditions of carriage.

This exemption does not apply to static or storage vessels and tanks which have contained desensitized explosives or substances the carriage of which is prohibited by RID/ADR/ADN."

(*Ref. Doc.: INF.69*)

1.1.3.2 (d) Amend as follows:

- "(d) gases contained in the equipment used for the operation of the vehicle (e.g. fire extinguishers), including in spare parts (e.g. inflated pneumatic tyres); this exemption also applies to inflated pneumatic tyres carried as a load;"

(*Ref. Doc.: TRANS/WP.15/AC.1/2005/40 as amended*)

1.1.3.2 (f) Delete. Current (g) becomes (f).

(*Ref. Doc.: INF.69*)

1.1.4.2.1 In the last sentence replace "classes 1 to 8" with "classes 1 to 9".

(*Ref. Doc.: TRANS/WP.15/AC.1/2005/68*)

1.1.4.3 In the title insert "IMO type" before "portable tanks". In the first sentence, replace "Portable tanks" with "IMO type portable tanks (types 1, 2, 5 and 7)". Add a reference "<sup>1</sup>" to a footnote at the end. The footnote will read as follows:

<sup>1</sup> *The International Maritime Organization (IMO) has issued "Guidance on the Continued Use of Existing IMO Type Portable Tanks and Road Tank Vehicles for*

*the Transport of Dangerous Goods" as circular DSC.1/Circ.12 and Corrigenda. Copies of this guidance can be found on the IMO website at: www.imo.org.*  
(Ref. Doc.: TRANS/WP.15/AC.1/2005/54 as amended)

1.2.1 In the definition of "Aerosol or aerosol dispenser", insert "under pressure" after "liquefied or dissolved".  
(Ref. Doc.: TRANS/WP.15/AC.1/2005/71)

In the definition of "Overpack", replace "by a single consignor" with "(by a single consignor in the case of Class 7)".  
In sub-paragraph (a), replace "plastic" with "plastics".  
(Ref. Doc.: INF.26)

Insert the following new transitional measure:

"1.6.2.4 Pressure receptacles designed and constructed in accordance with technical codes no longer recognized according to 6.2.3 may still be used."  
(Ref. Doc.: INF.68)

1.6.3.25 The first amendment does not apply to the English text.

Add the following new paragraph at the end:

"The type of the test ("P" or "L") required by 6.8.2.5.1 need not be added to the tank plate until the first test after 1 January 2007 is performed."  
(Ref. Doc.: TRANS/WP.15/AC.1/2005/36 as amended)

1.6.3.26 Amend to read as follows:

"1.6.3.26 Tank-wagons / Fixed tanks (tank-vehicles) and demountable tanks constructed before 1 January 2007 in accordance with the requirements in force up to 31 December 2006 but which do not, however, conform to the requirements applicable as from 1 January 2007 regarding the marking of the external design pressure in accordance with 6.8.2.5.1, may still be used."  
(Ref. Doc.: TRANS/WP.15/AC.1/2005/64 as amended)

1.6.3.31 Amend to read as follows:

"1.6.3.31 Tank-wagons / Fixed tanks (tank-vehicles), demountable tanks and battery-wagons / battery-vehicles designed and constructed in accordance with technical codes no longer recognized according to 6.8.2.7 may still be used."  
(Ref. Doc.: TRANS/WP.15/AC.1/2005/59 as amended by INF.67 + INF.70)

1.6.4.6 Amend to read as follows:

"1.6.4.6 Tank-containers constructed before 1 January 2007 in accordance with the requirements in force up to 31 December 2006 but which do not, however,

conform to the requirements applicable as from 1 January 2007 regarding the marking of the external design pressure in accordance with 6.8.2.5.1, may still be used."

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/64 as amended)*

1.6.4.9 Amend to read as follows:

"1.6.4.9 Tank-containers and MEGCs designed and constructed in accordance with technical codes no longer recognized according to 6.8.2.7 may still be used."

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/59 as amended by INF.67 + INF.70)*

1.6.4.15 The first amendment does not apply to the English text.

Add the following new paragraph at the end:

"The type of the test ("P" or "L") required by 6.8.2.5.1 need not be added to the tank plate until the first test after 1 January 2007 is performed."

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/36 as amended)*

1.8.3.10 Add a new second sentence to read as follows: "The examining body shall not be a training provider."

Amend sub-section 1.8.3.12 to read as follows:

**"1.8.3.12 Examinations**

1.8.3.12.1 The examination shall consist of a written test which may be supplemented by an oral examination.

1.8.3.12.2 The use in the written test of documentation other than international or national regulations is not permitted.

1.8.3.12.3 Electronic media may be used only if provided by the examining body. There shall be no means of a candidate introducing further data to the electronic media provided; the candidate may only answer to the questions posed.

1.8.3.12.4 *Second sentence of current 1.8.3.12 followed by sub-paragraphs (a) and (b) with the following amendment: At the beginning of this second sentence, replace "written examination" by "written test" ."*

*Consequential amendment: In 1.8.3.16.2, replace "1.8.3.12 (b)" with "1.8.3.12.4 (b)" at the end.*

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/48, Annex 2, as amended)*

## Part 2

2.2.2.1.5 Under the heading "Oxidizing gases", replace "see ISO 10156:1996" with "see ISO 10156:1996 and ISO 10156-2:2005".

(Ref. Doc.: INF.61)

2.2.62.1.4.1 In the table "Indicative examples of infectious substances", insert an asterisk \* after the following entries:

- *Escherichia coli* (verotoxigenic) (cultures only);
- *Mycobacterium tuberculosis* (cultures only);
- *Shigella dysenteriae* type I (cultures only).

Insert a new Note after the table to read as follows:

"\* Nevertheless, when the cultures are intended for diagnostic or clinical purposes, they may be classified as infectious substances of Category B."

(Ref. Doc.: TRANS/WP.15/AC.1/2005/51 as amended)

2.2.62.1.11.1 Add the following Note at the end:

"NOTE: Medical or clinical wastes assigned to number 18 01 03 (Wastes from human or animal health care and/or related research – wastes from natal care, diagnosis, treatment or prevention of disease in humans – wastes whose collection and disposal is subject to special requirement in order to prevent infection) or 18 02 02 (Wastes from human or animal health care and/or related research – wastes from research, diagnosis, treatment or prevention of disease involving animals – wastes whose collection and disposal is subject to special requirements in order to prevent infection) according to the list of wastes annexed to the Commission Decision 2000/532/EC<sup>5</sup> as amended, shall be classified according to the provisions set out in this paragraph, based on the medical or veterinary diagnosis concerning the patient or the animal."

2.2.62.1.11.2 Existing NOTE becomes NOTE 1. Add a new NOTE 2 to read as follows:

"NOTE 2: Notwithstanding the classification criteria set out above, medical or clinical wastes assigned to number 18 01 04 (Wastes from human or animal health care and/or related research – wastes from natal care, diagnosis, treatment or prevention of disease in humans – wastes whose collection and disposal is not subject to special requirements in order to prevent infection) or 18 02 03 (Wastes from human or animal health care and/or related research – wastes from research, diagnosis, treatment or prevention of disease involving

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<sup>5</sup> Commission Decision 2000/532/EC of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste (Official Journal of the European Communities No. L 226 of 6.9.2000, page 3).



*animals – wastes whose collection and disposal is not subject to special requirements in order to prevent infection) according to the list of wastes annexed to the Commission Decision 2000/532/EC<sup>5</sup> as amended, are not subject to the provisions of RID/ADR/ADN."*

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/52 as amended in INF.56)*

**Part 3**

**3.2.1 Table A**

For UN No 1013, insert "653" in Column (6).

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/53 as amended)*

For UN 1202, in column (2) of the second entry, replace "EN 590:1993" with "EN 590:2004" (twice).

*Consequential amendments: The same modification applies to 4.1.1.19.6 (twice), (ADR only:) 9.1.1.2, Definition of "FL vehicle" (twice).*

*(Ref. Doc.: INF.55)*

For UN No. 1614, add "P099" in column (8).

(ADR only :) Amend entry 3257 as follows:

(1)	(2)	(13)
3257	ELEVATED TEMPERATURE LIQUID, N.O.S., at or above 100 °C and below its flash-point (including molten metals, molten salts, etc.), filled at a temperature higher than 190 °C.	TU35 TC7 TE6 TE14 TE18 TE24
3257	ELEVATED TEMPERATURE LIQUID, N.O.S., at or above 100 °C and below its flash-point (including molten metals, molten salts, etc.), filled at or below 190 °C.	TU35 TC7 TE6 TE14 TE24

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/63)*

(RID only:) For UN Nos. 3256 and 3257, delete TE24 in Column (13).

*(Ref. Doc.: INF.17)*

For UN Nos. 3364, 3365, 3366, 3367, 3368 and 3370, replace "wetted" with "WETTED" in column (2).

*(Ref. Doc.: INF.23)*

For UN 3375, delete "TU26" in Column (13) for both liquid and solid entries.

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/46)*

3.3 Add a new special provision 653 to read as follows:

**"653** The carriage of this gas in cylinders with a maximum capacity of 0.5 litres, is not subject to the other provisions of RID/ADR/ADN if the following conditions are met:

- The provisions for construction and testing of cylinders are observed;
- The cylinders are contained in outer packagings which at least meet the requirements of Part 4 for combination packagings. The general provisions of packing of 4.1.1.1, 4.1.1.2 and 4.1.1.5 to 4.1.1.7 shall be observed;
- The cylinders are not packed together with other dangerous goods;
- The total gross mass of a package does not exceed 30 kg; and
- Each package is clearly and durably marked with "UN 1013". This marking is displayed within a diamond-shaped area surrounded by a line that measures at least 100 mm by 100 mm."

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/53 as amended)*

#### **Part 4**

4.1.1.19.6 In the table:

In Note \* to UN No 1791: Replace "For hypochlorite solutions" with "If the test is carried out with hypochlorite solutions themselves".

(ADR only:)

For UN No 3264, fourth entry, Column "Standard liquid", insert a semicolon after "Rules for collective entries".

*(Ref. Doc.: INF.55)*

4.1.4.1 P200 (10) ta (b) (ADR only) Delete "or standard EN 1439:1996 'Transportable refillable steel cylinders for liquefied petroleum Gases (LPG) – Procedures for checking before, during and after refilling'".

P200 (11) In the table, add "+A1:2005" after "EN 13365:2002", and insert the following new rows:

<b>Applicable requirements</b>	<b>Reference</b>	<b>Title of document</b>
(ADR:) (7) and (10) ta (b) (RID:) (7)	EN 1439:2005 (except 3.5 and Annex C)	LPG equipment and accessories -Transportable refillable welded and brazed steel Liquefied Petroleum Gas (LPG) cylinders - Procedures for checking before, during and after filling
(ADR:) (7) and (10) ta (b) (RID:) (7)	EN 14794:2005	LPG equipment and accessories - Transportable refillable aluminium cylinders for liquefied petroleum gas (LPG) - Procedure for checking before, during and after filling

*(Ref. Doc.: INF.61)*

## **Part 5**

5.1.2.1 (a) Re-arrange the text to read as follows:

"An overpack shall be:

- (i) marked with the word "OVERPACK"; and
- (ii) marked with the UN number preceded by the letters "UN", and labelled as required for packages in 5.2.2, for each item of dangerous goods contained in the overpack, unless the markings and the labels representative of all dangerous goods contained in the overpack are visible. If the same marking or the same label is required for different packages, it only needs to be applied once."

Insert the following new sentence at the end: "The marking of the word "OVERPACK", which shall be readily visible and legible, 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."

*(Ref. Doc.: INF.26)*

5.1.2.2 Delete the second sentence ("The "overpack" marking is an indication of compliance with this requirement.").

*(Ref. Doc.: INF.26)*

5.2.2.2.1.2 Insert the following new paragraph at the end.

"Empty uncleaned pressure receptacles for gases of Class 2 may be carried with obsolete or damaged labels for the purposes of refilling or inspection as appropriate and the application of a new label in conformity with current regulations or for the disposal of the pressure receptacle."

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/61 as amended in INF.71)*

5.3.2 (ADR/ADN) Amend as follows:

5.3.2.1.1 Delete "reflectorized".

5.3.2.1.5 Amend to read as follows: "If the orange-coloured plates prescribed in 5.3.2.1.2 and 5.3.2.1.4 affixed to the containers, tank-containers, MEGCs or portable tanks are not clearly visible from outside the carrying vehicle [(ADN:) or wagon], the same plates shall also be affixed to both sides of the vehicle [(ADN:) or wagon].".

5.3.2.1.6 Replace "5.3.2.1.2 and 5.3.2.1.4" with "5.3.2.1.2, 5.3.2.1.4 and 5.3.2.1.5".

5.3.2.1.7 Amend to read as follows:

"5.3.2.1.7 The requirements of 5.3.2.1.1 to 5.3.2.1.5 are also applicable to empty fixed or demountable tanks, battery-vehicles, tank-containers, portable tanks [(ADR:) and MEGCs,] / [(ADN:) , MEGCs, tank-wagons, battery-wagons and wagons with demountable tanks,] uncleaned, not degassed or not decontaminated as well as to empty vehicles [(ADN:), wagons] and containers for carriage in bulk, uncleaned or not decontaminated."

5.3.2.1.8 Amend the first sentence to read as follows: "Orange-coloured marking which does not relate to dangerous goods carried, or residues thereof, shall be removed or covered."

5.3.2.2.1 In the first sentence, replace "The reflectorized orange-coloured plates" with "The orange-coloured plates shall be reflectorized and". Insert the following new text after "black border 15 mm wide.": "The material used shall be weather-resistant and ensure durable marking. The plate shall not become detached from its mount in the event of a 15 minutes' engulfment in fire."

Insert the following new paragraph, at the end, before the NOTE:

"For containers carrying dangerous solid substances in bulk and for tank-containers, MEGCs and portable tanks, the plates prescribed in 5.3.2.1.2, 5.3.2.1.4 and 5.3.2.1.5 may be replaced by a self-adhesive sheet, by paint or by any other equivalent process.

This alternative marking shall conform to the specifications set in this sub-section except for the provisions concerning resistance to fire mentioned in 5.3.2.2.1 and 5.3.2.2.2."

*Remainder of the text unchanged.*

5.3.2 (RID) Amend as follows:

5.3.2.1.1 Insert ", and so as to be clearly visible," in the first sentence, after "conforming to 5.3.2.2.1".

5.3.2.1.2 Insert the text of current 5.3.2.1.3 at the end.

5.3.2.1.3 and 5.3.2.1.4 Amend to read as follows: "(Reserved)".

Insert the following new paragraphs 5.3.2.1.5 to 5.3.2.1.8:

"5.3.2.1.5 If the rectangular, orange-coloured plate marking prescribed in 5.3.2.1.1 affixed to the large containers, MEGCs, tank-containers or portable tanks is not clearly visible from outside the carrying wagon, the same marking shall also be affixed on both sides of the wagon.

5.3.2.1.6 (Reserved)

5.3.2.1.7 The requirements of 5.3.2.1.1 to 5.3.2.1.5 are also applicable to empty

- tank-wagons,
- battery-wagons,
- wagons with demountable tanks,
- tank-containers,
- portage tanks, or
- MEGCs  
uncleaned, not degassed or not decontaminated, as well as to
- empty wagons, large containers and small containers for carriage in bulk,  
uncleaned or not decontaminated.

5.3.2.1.8 Orange-coloured marking which does not relate to dangerous goods carried, or residues thereof, shall be removed or covered. If plates are covered, the covering shall be total and remain effective after 15 minutes' engulfment in fire."

5.3.2.2.1 In the first sentence, insert "may be reflectorized and" before "shall be of 40 cm base". Amend the current second sentence ("The marking shall be affixed... durable marking") to read as follows:

"The material used shall be weather-resistant and ensure durable marking. The plate shall not become detached from its mount in the event of a 15 minutes' engulfment in fire.

[For containers carrying dangerous solid substances in bulk and for tank-containers, MEGCs and portable tanks,][*To be confirmed by RID Committee of Experts*] the plates prescribed in 5.3.2.1.2 and 5.3.2.1.5 may be replaced by a self-adhesive sheet, by paint or by any other equivalent process.

This alternative marking shall conform to the specifications set in this sub-section except for the provisions concerning resistance to fire mentioned in 5.3.2.2.1 and 5.3.2.2.2."

[Add the following new text at the end of the note: "*Co-efficient of reflex luminous intensity at an angle of illumination of 5°, viewed at 0.2°: not less than 20 candelas per lux per m<sup>2</sup>*".][*To be confirmed by RID Committee of Experts*]

*Remainder of the text unchanged.*

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/27 and TRANS/WP.15/AC.1/2005/31 as amended)*

5.4.1.1.1 (e) Add the words "when applicable" after "the packages".

5.4.1.1.1 (f) Delete the words "with the exception of empty means of containment, uncleaned,".

5.4.1.1.6 Amend as follows:

"5.4.1.1.6 *Special provisions for empty means of containment*

5.4.1.1.6.1 For empty means of containment, uncleaned, which contain the residue of dangerous goods of classes other than Class 7, the words "EMPTY, UNCLEANNED" or "RESIDUE, LAST CONTAINED" shall be indicated before or after the proper shipping name required in 5.4.1.1.1 (b). Moreover, 5.4.1.1.1 (f) does not apply.

5.4.1.1.6.2 The special provision of 5.4.1.1.6.1 may be replaced with the provisions of 5.4.1.1.6.2.1, 5.4.1.1.6.2.2 or 5.4.1.1.6.2.3, as appropriate.

5.4.1.1.6.2.1 For empty packagings, uncleaned, which contain the residue of dangerous goods of classes other than Class 7, including empty uncleaned receptacles for gases with a capacity of not more than 1000 litres, the particulars according to 5.4.1.1.1 (a), (b), (c), (d), [(e) and (f)] (ADR/ADN) /[(e), (f) and (j)] (RID only) are replaced with "EMPTY PACKAGING", "EMPTY RECEPTACLE", "EMPTY IBC" or "EMPTY LARGE PACKAGING", as appropriate, followed by the information of the goods last loaded, as described in 5.4.1.1.1 (c).

Example: "EMPTY PACKAGING, 6.1(3)"

In addition, in such a case, 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".

5.4.1.1.6.2.2 For empty means of containment other than packagings, uncleaned, which contain the residue of dangerous goods of classes other than Class 7 and for empty uncleaned receptacles for gases with a capacity of more than 1000 litres, the particulars according to 5.4.1.1.1 (a) to (d) [and (j)] (RID only) are preceded by ["EMPTY TANK-WAGON"] (RID/ADN), "EMPTY TANK-VEHICLE", "EMPTY DEMOUNTABLE TANK", "EMPTY TANK-CONTAINER", "EMPTY PORTABLE TANK", ["EMPTY BATTERY-WAGON"] (RID/ADN), "EMPTY BATTERY-VEHICLE", "EMPTY MEGC", ["EMPTY WAGON"] (RID/ADN), "EMPTY VEHICLE", "EMPTY CONTAINER" or "EMPTY RECEPTACLE", as

appropriate, followed by the words "LAST LOAD:". Moreover, paragraph 5.4.1.1.1 (f) does not apply.

See examples as follows:

"EMPTY TANK-VEHICLE, LAST LOAD: UN 1098 ALLYL ALCOHOL, 6.1 (3), I" or " EMPTY TANK-VEHICLE, LAST LOAD: UN 1098 ALLYL ALCOHOL, 6.1 (3), PG I".

[5.4.1.1.6.2.3 When empty means of containment, uncleaned, which contain the residue of dangerous goods of classes other than Class 7, are returned to the consignor, the consignment notes/transport documents prepared for the full-capacity carriage of these goods may also be used. In such cases, the indication of the quantity is to be eliminated (by effacing it, striking it out or any other means) and replaced by the words "EMPTY, UNCLEANED RETURN".][*To be confirmed by RID Committee of Experts and by WP.15*]

5.4.1.1.6.3 *Unchanged.*  
(*Ref. Doc.: TRANS/WP.15/AC.1/2005/39 as amended by INF.24*)

## **Part 6**

6.1.4.8.8 Add a new NOTE at the end to read as follows:

*"NOTE: ISO 16103:2005 – "Packaging – Transport packaging for dangerous goods - Recycled plastics material", provides additional guidance on procedures to be followed in approving the use of recycled plastics material."*

(*Ref. Doc.: INF.61*)

6.2.1.7.2 (i) Amend the first sentence to read as follows: "The water capacity of the receptacle in litres followed by the letter "L". In the case of pressure receptacles for liquefied gases the water capacity in litres shall be expressed to three significant figures rounded down to the last digit."

(*Ref. Doc.: TRANS/WP.15/AC.1/2005/60*)

6.2.2 In the table, in Column "Reference", add "+A1:2006" after "EN 13322-1:2003", "EN 14427:2004", "EN 1968:2002" and "EN 12863:2002", and replace "EN 849:1996/A2:2001" with "EN ISO 10297:2006".

In the table, for EN 14427:2004, in Column "Title of document", insert the following new NOTE 2:

*"NOTE 2: In 5.2.9.2.1 and 5.2.9.3.1, both cylinders shall be subject to a burst test when they show damage equal to or worse than the rejection criteria."* (the existing NOTE becomes NOTE 1).

In the table, under the heading "for materials", insert the following new row at the end:

Reference	Title of document	Applicable sub-sections and paragraphs
<i>for materials</i>		
EN ISO 11114-4:2005 (except method C in 5.3)	Transportable gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 4: Test methods for selecting metallic materials resistant to hydrogen embrittlement	6.2.1.2

(Ref. Doc.: IN.61)

6.2.3 In the first sentence, replace "table of 6.2.2" with "tables of 6.2.2 or 6.2.5".

Add the following new paragraphs before the last sentence ("The requirements of 6.2.1... shall be met:"):

"Where an appropriate standard is referenced in the tables of 6.2.2 or 6.2.5 the competent authority shall, within two years, withdraw recognition for the use of any technical code for the same purpose.

This does not remove the competent authority's rights to recognise technical codes to reflect scientific and technical progress or where no standard exists or to deal with specific aspects not addressed in a standard.

The competent authority shall transmit to the secretariat of OTIF / UNECE a list of the technical codes that it recognises. The list should include the following details: name and date of the code, purpose of the code and details of where it may be obtained. The secretariat shall make this information publicly available on its website."

(Ref. Doc.: INF.68)

6.8.2.5.1 Insert the following new sixth indent:

"- external design pressure (see 6.8.2.1.7);".

(Ref. Doc.: TRANS/WP.15/AC.1/2005/64 as amended)

6.8.2.5.1 Amend the current eighth indent to read as follows:

"- date and type of the most recent test: "month, year" followed by a "P" when the test is the initial test or a periodic test in accordance with 6.8.2.4.1 and 6.8.2.4.2, or "month, year" followed by an "L" when the test is an intermediate leakproofness test in accordance with 6.8.2.4.3;

**NOTE:** *Where the periodic test includes a leakproofness test, only the letter "P" shall be marked on the plate.*

(Ref. Doc.: TRANS/WP.15/AC.1/2005/36 as amended)



6.8.2.6 In the table, in the column "Reference", add "+A1:2004" after "EN 13530-2:2002".

(ADR only:) In the table, for EN 13317:2002, in the column "Reference", insert "(except for the figure and table B.2 in Annex B) (The material shall meet the requirements of standard EN 13094:2004, Clause 5.2)" after "EN 13317:2002".

(ADR:) For EN 13094:2004, transfer the corresponding entry after that referring to EN 12972:2001 with the following new introductory paragraph:

(RID:) For EN 13094:2004, amend the introductory text to read as follows:

*"For tanks with a maximum working pressure not exceeding 50 kPa and intended for substances for which a tank code with the letter "G" is given in column (12) of Table A of Chapter 3.2"*

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/62 as amended + -/2005/70 as amended + INF.14 + INF.61)*

6.8.2.7 Add the following new paragraphs before the last sentence ("For testing, ... may also be used."):

"Where an appropriate standard is referenced in 6.8.2.6 the competent authority shall, within two years, withdraw recognition for the use of any technical code for the same purpose.

This does not remove the competent authority's rights to recognise technical codes to reflect scientific and technical progress or where no standard exists or to deal with specific aspects not addressed in a standard.

The competent authority shall transmit to the secretariat of OTIF / UNECE a list of the technical codes that it recognises. The list should include the following details: name and date of the code, purpose of the code and details of where it may be obtained. The secretariat shall make this information publicly available on its website."

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/59 as amended by INF.67 + INF.70)*

6.8.3.2.11 In the first paragraph, replace "independent safety valves, each so designed as" with "or more independent safety valves capable of opening at the maximum working pressure indicated on the tank. Two of these safety valves shall be individually sized".

In the second paragraph, delete "two".

In the third paragraph, replace "the safety valve and the bursting disc" with "the combination of the pressure relief devices".

6.8.3.2.12 Replace "The safety valves" with "These pressure relief devices" and delete "shall be capable of opening at the working pressure indicated on the tank. They". In the last sentence, replace "valve" with "device" (twice).

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/37 as amended)*

6.8.4 **TE24** (RID:) Amend to read as follows: "(Deleted)" .

(ADR:) Transfer the text of this special provision in the left part of the page.

*(Ref. Doc.: INF.17)*

6.9.2.10 Insert "where:" after the formulae.

In the definition for  $\tau_R$ , replace "EN 63:1977" with "EN ISO 14125: 1998 (three points method)".

6.9.4.2.1 and 6.9.4.2.2 (third indent) Replace "EN 61:1977" with "EN ISO 527-5:1997".

6.9.4.2.2 In the fourth indent, replace "EN 63:1977" with "ISO 14125:1998".

6.9.4.2.3 Replace "EN 61:1977" with "EN ISO 14130:1997".

6.11.4.1 In the note, delete "590,".

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/69 as amended by INF.65)*

## **Part 7**

7.1.3 Delete "590 (status at 01.01.1979, 10<sup>th</sup> edition, including amendments Nos. 1 to 4)," and "590".

Replace "592-2 (status at 01.07.1996, 5<sup>th</sup> edition)" with "592-2 (status at 01.10.2004, 6<sup>th</sup> edition)" and replace "592-4 (status at 01.07.1995, new edition)" with "592-4 (status at 01.09.2004, 2<sup>nd</sup> edition)".

*(Ref. Doc.: TRANS/WP.15/AC.1/2005/69 as amended by INF.65)*

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