



## **Economic and Social Council**

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### **Economic Commission for Europe**

#### **Inland Transport Committee**

#### **Working Party on the Transport of Dangerous Goods**

### **European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)**

#### **Draft amendments to annexes A and B of ADR**

##### **Addendum**

At its ninety-second session, the Working Party on the Transport of Dangerous Goods requested the secretariat to circulate an additional list of amendments for which the entry into force is scheduled for 1 January 2013 in the form of an addendum to document ECE/TRANS/WP.15/213, which the Chairperson will transmit to Contracting Parties through his Government for acceptance in accordance with the procedure set out in article 14 of ADR (see ECE/TRANS/WP.15/215, paragraph 54).

This document contains the requested additional list of amendments adopted by the Working Party at its ninety-second session.

## **Part 1**

### **Chapter 1.4**

1.4.3.3 (h) Amend "the orange plates and placards or labels prescribed" to read "the orange plates, labels or placards as well as marks for elevated temperature substances and environmentally hazardous substances prescribed".

### **Chapter 1.6**

1.6.2.2 Amend to read as follows "1.6.2.2 (Deleted)".

1.6.3 Insert the following new transitional provision:

"1.6.3.43 Fixed tanks (tank-vehicles) and demountable tanks constructed before 1 January 2012 in accordance with the requirements in force up to 31 December 2012, but which do not however conform to the requirements of 6.8.2.6 relating to standards EN 14432:2006 and EN 14433:2006 applicable as from 1 January 2011, may still be used."

1.6.4 Insert the following new transitional provision:

"1.6.4.46 Tank-containers constructed before 1 January 2012 in accordance with the requirements in force up to 31 December 2012, but which do not however conform to the requirements of 6.8.2.6 relating to standards EN 14432:2006 and EN 14433:2006 applicable as from 1 January 2011, may still be used."

## **Part 3**

### **Chapter 3.2**

3.2.1, Table A

For UN 0331, insert "S2.65AN(+)" in column (12) and "TU3 TU12 TU41 TC8 TA1 TA5" in column (13).

For UN Nos. 3090, 3091, 3480 and 3481, in column (6) insert "661".

### **Chapter 3.3**

Add the following new special provision:

"661 Carriage of damaged lithium batteries if not collected and presented for carriage for disposal according to special provision 636 is permitted only under additional conditions defined by the competent authority of any Contracting Party to ADR who may also recognise an approval granted by the competent authority of a country which is not a Contracting Party to ADR, provided that this approval has been granted in accordance with the procedures applicable according to ADR or RID.

Only packing methods which are approved for these goods by the competent authority may be used.

The competent authority may define a more restrictive transport category or tunnel restriction code, which shall be included in the competent authority approval.

A copy of the competent authority approval shall accompany each consignment or the transport document shall include a reference to the competent authority approval.

The competent authority of the Contracting Party to ADR granting an approval in accordance with this special provision shall notify the secretariat of the UNECE for the purpose of circulation of this information through its website.

**NOTE:** *Any recommendations made by the United Nations for technical requirements for the carriage of damaged lithium batteries shall be considered when granting the approval.*

Damaged lithium batteries means in particular:

- Batteries identified by the manufacturer as being defective for safety reasons;
- Batteries with damaged or considerably deformed cases;
- Leaking or venting batteries; or
- Batteries with faults that cannot be diagnosed prior to carriage to a place of analysis."

## Chapter 3.4

3.4.7 [The amendment in the French version does not apply to the English text.]

3.4.8 [The amendment in the French version does not apply to the English text.]

## Part 4

### Chapter 4.1

4.1.4.3

**LP02** Add the following special provision L3 and replace the heading "Special packing provision" by "Special packing provisions":

"L3 **Note:** *For UN Nos. 2286 and 3486, transport by sea in large packagings is prohibited.*".

### Chapter 4.3

4.3.2.1.2 Amend the last sentence to read as follows: "The explanations for reading the four parts of the code are given in 4.3.3.1.1 (when the substance to be carried belongs to Class 2) and in 4.3.4.1.1 (when the substance to be carried belongs to Classes 1 and 3 to 9)<sup>1</sup>". Amend the text of footnote 1 to read as follows: "<sup>1</sup> An exception is made for tanks intended for the carriage of substances of classes 1, 5.2 or 7 (see 4.3.4.1.3)".

Amend the heading of section 4.3.4 to read as follows: "Special provisions applicable to Classes 1 and 3 to 9".

4.3.4.1.3 Add a new subparagraph (a) to read as follows and renumber existing subparagraphs as (b) to (i):

"(a) Class 1

Division 1.5, UN No 0331 explosive, blasting, type B: code S2.65AN;"

4.3.5 Add a new special provision TU41 to read as follows:

"TU41 The suitability of the substance for carriage in tanks shall be demonstrated to the satisfaction of the competent authority of every country through or into which the carriage is performed.

The method to evaluate this suitability shall be approved by the competent authority of any ADR Contracting Party who may also recognize an approval granted by the competent authority of a country which is not an ADR Contracting Party provided that this approval has been granted in accordance with the procedures applicable according to ADR, RID, ADN or the IMDG Code.

Substances shall not be allowed to remain in the tank for any period that could result in caking. Appropriate measures shall be taken to avoid accumulation and packing of substances in the tank (e.g. cleaning etc.)."

## Part 6

### Chapter 6.2

6.2.4.1 In the Table, under "for design and construction", make the following amendments:

- For "EN 1975:1999 (except Annex G)", in column (4), replace "Before 1 July 2005" by "Until 30 June 2005".
- For "EN 13322-1:2003", "EN 13322-2:2003", "EN 14427:2004" and "EN 13769:2003", in column (4), replace "Before 1 July 2007" by "Until 30 June 2007".
- In the row for standard "EN 13110:2002", amend the text in column (4) to read "Until 31 December 2014".
- After the entry for standard "EN 13110:2002", insert the following standard:

(1)	(2)	(3)	(4)	(5)
EN 13110:2012 except clause 9	Transportable refillable welded aluminium cylinders for liquefied petroleum gas (LPG) – Design and construction	6.2.3.1 and 6.2.3.4	Until further notice	

6.2.4.1 In the Table, under "for closures", make the following amendments:

- For "EN 849:1996 (except Annex A)", in column (4), replace "Before 1 July 2003" by "Until 30 June 2003".
- For "EN 849:1996 + A2:2001", in column (4), replace "Before 1 July 2007" by "Until 30 June 2007".

6.2.4.2 In the Table, make the following amendments:

- In the row for standard "EN 14189:2003", amend the text in column (3) to read "Until 31 December 2014".
- After the entry for standard "EN 14189:2003", insert the following new standard:

Reference	Title of document	applicable
(1)	(2)	(3)
EN ISO 22434:2012	Transportable gas cylinders – Inspection and maintenance of cylinder valves (ISO 22434:2006)	Mandatorily from 1 January 2015

## Chapter 6.8

6.8.2.3.1 At the end, add the following sub-paragraph:

"The competent authority or a body designated by that authority shall at the request of the applicant carry out a separate type approval of valves and other service equipment for which a standard is listed in the table in 6.8.2.6.1, in accordance with that standard. This separate type approval shall be taken into account when issuing the certificate for the tank, if the test results are presented and the valves and other service equipment are fit for the intended use."

6.8.2.6.1 For standard "EN 12493:2008", in column (3), delete "1.2.1, 6.8.1,".

6.8.2.6.2 Replace the title of column (4) of the table by "Applicable".

6.8.4 (a) Add a new a special provision TC8 to read as follows:

"TC8 The shells shall be made of aluminium or aluminium alloy."

## Part 9

### Chapter 9.2

9.2.2.5.1 (a) In footnote 2, delete "50015,".

### Chapter 9.7

Add a new Section 9.7.9 to read as follows:

"9.7.9 Additional safety requirements concerning EX/III vehicles

9.7.9.1 EX/III vehicles shall be equipped with automatic fire extinguisher systems for the engine compartment.

9.7.9.2 Protection of the load by metal thermal shields against tyre fire shall be provided."

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