



**Economic and Social  
Council**

Distr.  
GENERAL

ECE/TRANS/WP.15/AC.1/114/Add.1  
11 May 2009

ENGLISH  
Original: ENGLISH AND FRENCH

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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 SESSION \***

held in Bern from 23 to 26 March 2009

Addendum

Annex

Texts adopted by the Joint Meeting

(Draft amendments to RID/ADR/ADN for entry into force on 1 January 2011)

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\* Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2009-A/Add.1.

## Chapter 1.6

1.6.2 Add the following new transitional measure:

"1.6.2.8 Type approvals for pressure receptacles issued before 1 July 2011 shall be reviewed and brought into conformity with the provisions of 1.8.7.2.4 before 1 January 2013."

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3)

1.6.3 Add the following new transitional measure:

"1.6.3.37 Type approvals for fixed tanks (tank-wagons/vehicles), demountable tanks and battery wagons/vehicles issued before 1 July 2011 shall be reviewed and brought into conformity with the provisions of 1.8.7.2.4 or 6.8.2.3.3 before 1 January 2013."

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3)

1.6.4 Add the following new transitional measure:

"1.6.4.35 Type approvals for tank-containers and MEGCs issued before 1 July 2011 shall be reviewed and brought into conformity with the provisions of 1.8.7.2.4 or 6.8.2.3.3 before 1 January 2013."

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3)

## Chapter 1.8

1.8.7.2 Insert the following sentence after the heading:

"Type approvals authorise the manufacture of pressure receptacles, tanks, battery-wagons/vehicles or MEGCs within the period of validity of that approval."

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3)

1.8.7.2.3 Amend to read as follows:

"1.8.7.2.3 Where the type satisfies all applicable provisions, the competent authority, its delegate or the inspection body, shall issue a type approval certificate to the applicant.

This certificate shall contain:

(a) The name and address of the issuer:

(b) The name and address of the manufacturer and of the applicant when the applicant is not the manufacturer:

(c) and (d) *Unchanged*

(e) The necessary data for identification of the type and variation, as defined by the relevant standard;

(f) The reference to the type examination report(s); and

(g) The maximum period of validity of the type approval.

*The last sentence remains unchanged."*

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3)

Add the following new paragraph:

"1.8.7.2.4 The type approval shall be valid for a maximum of ten years. If within that period the relevant technical requirements of RID/ADR (including referenced standards) have changed so that the approved type is no longer in conformity with them, the relevant body which issued the type approval shall withdraw it and inform the holder of the type approval.

*NOTE: For the ultimate dates for withdrawal of existing type approvals, see column (5) of the tables in 6.2.4 and 6.8.2.6 or 6.8.3.6 as appropriate.*

If a type approval has expired or has been withdrawn, the manufacture of the pressure receptacles, tanks, battery-wagons/vehicles or MEGCs according to that type approval is no longer authorised.

In such a case, the relevant provisions concerning the use and periodic inspection of pressure receptacles, tanks, battery-wagons/vehicles or MEGCs contained in the type approval which has expired or has been withdrawn shall continue to apply to these pressure receptacles, tanks, battery-wagons/vehicles or MEGCs constructed before the expiry or the withdrawal if they may continue to be used.

Type approvals may be renewed by a complete review and assessment for conformity with the provisions of RID/ADR applicable at the date of renewal. Renewal is not permitted after a type approval has been withdrawn. Interim amendments of an existing type approval (e.g. for pressure receptacles minor amendments such as the addition of further sizes or volumes not affecting conformity, or for tanks see 6.8.2.3.2) do not extend or modify the original validity of the certificate.

*NOTE: The review and assessment of conformity can be done by a body other than the one which issued the original type approval.*

The issuing body shall keep all documents for the type approval (see 1.8.7.7.1) for the whole period of validity including its renewals if granted."

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3 as amended)

1.8.7.4.2 Amend to read as follows:

"1.8.7.4.2 The relevant body shall:

(a) and (b) *Unchanged*

(c) Issue an initial inspection and test report to the applicant relating to the detailed tests and verifications carried out and the verified technical documentation;

- (d) Draw up a written certificate of conformity of the manufacture and affix its registered mark when the manufacture satisfies the provisions; and
- (e) Check if the type approval remains valid after provisions of RID/ADR (including referenced standards) relevant to the type approval have changed.

The certificate in (d) and report in (c) may cover a number of items of the same type (group certificate or report).".

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3)

- 1.8.7.7.2 Insert the following new sub-paragraph (b)  
"(b) A copy of the type approval certificate;" .  
Renumber existing sub-paragraphs accordingly.

## Chapter 3.2

### 3.2.1 Table A

For UN Nos. 1851, 3248 and 3249, all packing groups, delete "274" in column (6).

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/2 and -/Corr.1)

## Chapter 3.4

- 3.4.9 (as amended in Annex I of ECE/TRANS/WP.15/AC.1/112)  
Insert "in a traceable form" after "inform the carrier".  
(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/5 as amended)

## Chapter 6.2

- 6.2.4 Amend to read as follows:

### **"6.2.4 Requirements for non-UN pressure receptacles designed, constructed and tested according to standards**

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

- 6.2.4.1 Design, construction and initial inspection and test

The standards 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 6.2 referred to in column (3). The requirements of Chapter 6.2 referred to in column (3) shall prevail in all cases. 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 6.2.5.

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.

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)
<i>for design and construction</i>				
Annex I, Parts 1 to 3 to 84/525/EEC	Council directive on the approximation of the laws of the Member States relating to seamless steel gas cylinders, published in the Official Journal of the .European Communities No. L300 from 19.11.1984	6.2.3.1 and 6.2.3.4	Until further notice	
Annex I, Parts 1 to 3 to 84/526/EEC	Council directive on the approximation of the laws of the Member States relating to seamless, unalloyed aluminium and aluminium alloy gas cylinders, published in the Official Journal of the .European Communities No. L300 from 19.11.1984	6.2.3.1 and 6.2.3.4	Until further notice	
Annex I, Parts 1 to 3 to 84/527/EEC	Council directive on the approximation of the laws of the Member States relating to welded unalloyed steel gas cylinders, published in the Official Journal of the .European Communities No. L300 from 19.11.1984	6.2.3.1 and 6.2.3.4	Until further notice	
EN 1442:1998 + AC:1999	Transportable refillable welded steel cylinders for liquefied petroleum gas (LPG) - Design and construction	6.2.3.1 and 6.2.3.4	Between 1 July 2001 and 30 June 2007	[31 December 2012]
EN 1442:1998 + A2:2005	Transportable refillable welded steel cylinders for liquefied petroleum gas (LPG) - Design and construction	6.2.3.1 and 6.2.3.4	Between 1 January 2007 and 31 December 2010	[31 December 2012]
EN 1442:2006 + A1:2008	Transportable refillable welded steel cylinders for liquefied petroleum gas (LPG) - Design and construction	6.2.3.1 and 6.2.3.4	Until further notice	

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 1800:1998/AC:1999	Transportable gas cylinders - Acetylene cylinders - Basic requirements and definitions	6.2.1.1.9	Between 1 July 2001 and 31 December 2010	[31 December 2012]
EN 1800:2006	Transportable gas cylinders - Acetylene cylinders - Basic requirements, definitions and type testing	6.2.1.1.9	Until further notice	
EN 1964-1:1999	Transportable gas cylinders – Specifications for the design and construction of refillable transportable seamless steel gas cylinders of capacity from 0.5 litres up to 150 litres – Part 1: Cylinders made of seamless steel with a Rm value of less than 1 100 MPa	6.2.3.1 and 6.2.3.4	Until further notice	
EN 1975:1999 (except Annex 6)	Transportable gas cylinders – Specifications for the design and construction of refillable transportable seamless aluminium and aluminium alloy gas cylinders of capacity from 0.5 litres up to 150 litres	6.2.3.1 and 6.2.3.4	Before 1 July 2005	[31 December 2012]
EN 1975:1999 + A1:2003	Transportable gas cylinders – Specifications for the design and construction of refillable transportable seamless aluminium and aluminium alloy gas cylinders of capacity from 0.5 litres up to 150 litres	6.2.3.1 and 6.2.3.4	Until further notice	
EN ISO 11120:1999	Gas cylinders – Refillable seamless steel tubes for compressed gas transport of water capacity between 150 litres and 3 000 litres – Design, construction and testing	6.2.3.1 and 6.2.3.4	Until further notice	
EN 1964-3:2000	Transportable gas cylinders – Specifications for the design and construction of refillable transportable seamless steel gas cylinders of capacity from 0.5 litre up to 150 litres – Part 3: Cylinders made of seamless stainless steel with an Rm value of less than 1 100 MPa	6.2.3.1 and 6.2.3.4	Until further notice	

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 12862:2000	Transportable gas cylinders- Specifications for the design and construction of refillable transportable welded aluminium alloy gas cylinders	6.2.3.1 and 6.2.3.4	Until further notice	
EN 1251-2:2000	Cryogenic vessels – Transportable, vacuum insulated, of not more than 1 000 litres volume – Part 2: Design, fabrication, inspection and testing	6.2.3.1 and 6.2.3.4	Until further notice	
EN 12257:2002	Transportable gas cylinders – Seamless, hoop wrapped composite cylinders	6.2.3.1 and 6.2.3.4	Until further notice	
EN 12807:2001 (except Annex A)	Transportable refillable brazed steel cylinders for liquefied petroleum gas (LPG) – Design and construction	6.2.3.1 and 6.2.3.4	Before 1 January 2013	[To be decided]
EN 12807:2008	Transportable refillable brazed steel cylinders for liquefied petroleum gas (LPG) – Design and construction	6.2.3.1 and 6.2.3.4	Until further notice	
EN 1964-2:2001	Transportable gas cylinders – Specification for the design and construction of refillable transportable seamless steel gas cylinders of water capacities from 0.5 litre up to and including 150 litre – Part 2: Cylinders made of seamless steel with an Rm value of 1 100 MPa and above	6.2.3.1 and 6.2.3.4	Until further notice	
EN 13293:2002	Transportable gas cylinders – Specification for the design and construction of refillable transportable seamless normalised carbon manganese steel gas cylinders of water capacity up to 0.5 litre for compressed, liquefied and dissolved gases and up to 1 litre for carbon dioxide	6.2.3.1 and 6.2.3.4	Until further notice	
EN 13322-1:2003	Transportable gas cylinders – Refillable welded steel gas cylinders – Design and construction – Part 1: Welded steel	6.2.3.1 and 6.2.3.4	Before 1 July 2007	[31 December 2012]

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 13322-1:2003 + A1:2006	Transportable gas cylinders – Refillable welded steel gas cylinders – Design and construction – Part 1: Welded steel	6.2.3.1 and 6.2.3.4	Until further notice	
EN 13322-2:2003	Transportable gas cylinders – Refillable welded stainless steel gas cylinders – Design and construction – Part 2: Welded stainless steel	6.2.3.1 and 6.2.3.4	Before 1 July 2007	[31 December 2012]
EN 13322-2:2003 + A1:2006	Transportable gas cylinders – Refillable welded stainless steel gas cylinders – Design and construction – Part 2: Welded stainless steel	6.2.3.1 and 6.2.3.4	Until further notice	
EN 12245:2002	Transportable gas cylinders. Fully wrapped composite cylinders	6.2.3.1 and 6.2.3.4	Until further notice	
EN 12205:2001	Transportable gas cylinders – Non refillable metallic gas cylinders	6.2.3.1 and 6.2.3.4	Until further notice	
EN 13110:2002	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	
EN 14427:2004	Transportable refillable fully wrapped composite cylinders for liquefied petroleum gases - Design and construction <i>NOTE: This standard applies only to cylinders equipped with pressure relief valves.</i>	6.2.3.1 and 6.2.3.4	Before 1 July 2007	[31 December 2012]
EN 14427:2004 + A1:2005	Transportable refillable fully wrapped composite cylinders for liquefied petroleum gases - Design and construction <i>NOTE 1: This standard applies only to cylinders equipped with pressure relief valves.</i> <i>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.</i>	6.2.3.1 and 6.2.3.4	Until further notice	

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 14208:2004	Transportable gas cylinders – Specification for welded pressure drums up to 1000 litres capacity for the transport of gases – Design and construction	6.2.3.1 and 6.2.3.4	Until further notice	
EN 14140:2003	Transportable refillable welded steel cylinders for Liquefied Petroleum Gas (LPG) – Alternative design and construction	6.2.3.1 and 6.2.3.4	Between 1 January 2005 and 31 December 2010	[31 December 2012]
EN 14140:2003 + A1:2006	LPG equipment and accessories – Transportable refillable welded steel cylinders for LPG – Alternative design and construction	6.2.3.1 and 6.2.3.4	Until further notice	
EN 13769:2003	Transportable gas cylinders – Cylinder bundles – Design, manufacture, identification and testing	6.2.3.1 and 6.2.3.4	Before 1 July 2007	[31 December 2012]
EN 13769:2003 + A1:2005	Transportable gas cylinders – Cylinder bundles – Design, manufacture, identification and testing	6.2.3.1 and 6.2.3.4	Until further notice	
EN 14638-1:2006	Transportable gas cylinders – Refillable welded receptacles of a capacity not exceeding 150 litres – Part 1 Welded austenitic stainless steel cylinders made to a design justified by experimental methods	6.2.3.1 and 6.2.3.4	Until further notice	
EN 14893:2006 + AC:2007	LPG equipment and accessories – Transportable LPG welded steel pressure drums with a capacity between 150 and 1 000 litres	6.2.3.1 and 6.2.3.4	Until further notice	
<i>for closures</i>				
EN 849:1996 (except Annex A)	Transportable gas cylinders – Cylinder valves: Specification and type testing	6.2.3.1	Before 1 July 2003	[31 December 2012]
EN 849:1996 + A2:2001	Transportable gas cylinders – Cylinder valves: Specification and type testing	6.2.3.1	Before 1 July 2007	[31 December 2012]
EN ISO 10297:2006	Transportable gas cylinders - Cylinder valves: Specification and type testing	6.2.3.1	Until further notice	

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 13152:2001	Specifications and testing of LPG – cylinder valves – Self closing	6.2.3.3	Between 1 January 2005 and 31 December 2010	[31 December 2012]
EN 13152:2001 + A1:2003	Specifications and testing of LPG – cylinder valves – Self closing	6.2.3.3	Until further notice	
EN 13153:2001	Specifications and testing of LPG – cylinder valves – Manually operated	6.2.3.3	Between 1 January 2005 and 31 December 2010	[31 December 2012]
EN 13153:2001 + A1:2003	Specifications and testing of LPG – cylinder valves – Manually operated	6.2.3.3	Until further notice	

#### 6.2.4.2 *Periodic inspection and test*

The standards referenced in the table below shall be applied for the periodic inspection and test of pressure receptacles as indicated in column (3) to meet the requirements of 6.2.3.5 which shall prevail in all cases.

The use of a referenced standard is mandatory.

When a pressure receptacle is constructed in accordance with the provisions of 6.2.5 the procedure for periodic inspection if specified in the type approval shall be followed.

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.

Reference	Title of document	Application authorized
(1)	(2)	(3)
<i>for periodic inspection and test</i>		
EN 1251-3:2000	Cryogenic vessels – Transportable, vacuum insulated, of not more than 1 000 litres volume – Part 3: Operational requirements	Until further notice
EN 1968:2002 + A1:2005 (except Annex B)	Transportable gas cylinders – Periodic inspection and testing of seamless steel gas cylinders	Until further notice
EN 1802:2002 (except Annex B)	Transportable gas cylinders – Periodic inspection and testing of seamless aluminium alloy gas cylinders	Until further notice

Reference	Title of document	Application authorized
(1)	(2)	(3)
EN 12863:2002 + A1:2005	Transportable gas cylinders – Periodic inspection and maintenance of dissolved acetylene cylinders <i>NOTE: In this standard "initial inspection" is to be understood as the "first periodic inspection" after final approval of a new acetylene cylinder.</i>	Until further notice
EN 1803:2002 (except Annex B)	Transportable gas cylinders – Periodic inspection and testing of welded steel gas cylinders	Until further notice
EN ISO 11623:2002 (except clause 4)	Transportable gas cylinders – Periodic inspection and testing of composite gas cylinders	Until further notice
EN 14189:2003	Transportable gas cylinders – Inspection and maintenance of cylinder valves at time of periodic inspection of gas cylinders	Until further notice
EN 14876:2007	Transportable gas cylinders – Periodic inspection and testing of welded steel pressure drums	Until further notice
EN 14912:2005	LPG equipment and accessories – Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders	Until further notice

"

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3)

6.2.5 Amend to read as follows:

**"6.2.5 Requirements for non-UN pressure receptacles not designed, constructed and tested according to referenced standards**

To reflect scientific and technical progress or where no standard is referenced in 6.2.2 or 6.2.4, or to deal with specific aspects not addressed in a standard referenced in 6.2.2 or 6.2.4, the competent authority may recognize the use of a technical code providing the same level of safety.

In the type approval the issuing body shall specify the procedure for periodic inspections if the standards referenced in 6.2.2 or 6.2.4 are not applicable or shall not be applied.

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.

A standard which has been adopted for reference in a future edition of the RID/ADR may be approved by the competent authority for use without notifying the secretariat of OTIF/UNECE.

The requirements of 6.2.1, 6.2.3 and the following requirements however shall be met.

*NOTE: For this section, the references to technical standards in 6.2.1 shall be considered as references to technical codes.*

6.2.5.1 to 6.2.5.6.3 unchanged".

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3)

## **Chapter 6.8**

Add a new 6.8.2.3.3 to read as follows:

"6.8.2.3.3 The following requirements apply to tanks for which special provision TA4 of 6.8.4 (and therefore 1.8.7.2.4) does not apply.

The type approval shall be valid for a maximum of ten years. If within that period the relevant technical requirements of RID/ADR (including referenced standards) have changed so that the approved type is no longer in conformity with them, the competent authority or the body designated by that authority which issued the type approval shall withdraw it and inform the holder of the type approval.

*NOTE: For the ultimate dates for withdrawal of existing type approvals, see column (5) of the tables in 6.8.2.6 or 6.8.3.6 as appropriate.*

If a type approval has expired or has been withdrawn, the manufacture of the tanks, battery-wagons/vehicles or MEGCs according to that type approval is no longer authorised.

In such a case, the relevant provisions concerning the use and periodic inspection of tanks, battery-wagons/vehicles or MEGCs contained in the type approval which has expired or has been withdrawn shall continue to apply to these tanks, battery-wagons/vehicles or MEGCs constructed before the expiry or the withdrawal if they may continue to be used.

Type approvals may be renewed by a complete review and assessment for conformity with the provisions of RID/ADR applicable at the date of renewal. Renewal is not permitted after a type approval has been withdrawn. Interim amendments of an existing type approval not affecting conformity (see 6.8.2.3.2) do not extend or modify the original validity of the certificate.

*NOTE: The review and assessment of conformity can be done by a body other than the one which issued the original type approval.*

The issuing body shall keep all documents for the type approval for the whole period of validity including its renewals if granted.

If the designation of the issuing body is revoked or restricted, or when the body has ceased activity, the competent authority shall take appropriate steps to ensure that the files are either processed by another body or kept available."

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3 + informal document INF.41 as amended)

6.8.2.6 Amend to read as follows:

**"6.8.2.6 Requirements for tanks which are designed, constructed and tested according to standards**

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

6.8.2.6.1 *Design and construction*

The standards 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 requirements of Chapter 6.8 referred to in column (3) shall prevail in all cases. Column (5) gives the latest date when existing type approvals shall be withdrawn according to 1.8.7.2.4 or 6.8.2.3.3; 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 6.8.2.7 and 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.

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)
<b><i>For all tanks</i></b>				
EN 14025:2003 + AC:2005	Tanks for the transport of dangerous goods – Metallic pressure tanks – Design and construction	6.8.2.1	Between 1 January 2005 and 30 June 2009	[31 December 2012]
EN 14025:2008	Tanks for the transport of dangerous goods – Metallic pressure tanks – Design and construction	6.8.2.1 and 6.8.3.1	Until further notice	
EN 14432:2006	Tanks for the transport of dangerous goods – Tank equipment for the transport of liquid chemicals – Product discharge and air inlet valves	6.8.2.2.1	Until further notice	
EN 14433:2006	Tanks for the transport of dangerous goods – Tank equipment for the transport of liquid chemicals – Foot valves	6.8.2.2.1	Until further notice	

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)
<b><i>For tanks with a maximum working pressure not exceeding 50 kPa and intended for the carriage of substances for which a tank code with the letter "G" is given in column (12) of Table A of Chapter 3.2</i></b>				
EN 13094:2004	Tanks for the transport of dangerous goods – Metallic tanks with a working pressure not exceeding 0.5 bar – Design and construction	6.8.2.1	Between 1 January 2005 and 31 December 2009	[31 December 2012]
EN 13094:2008	Tanks for the transport of dangerous goods – Metallic tanks with a working pressure not exceeding 0.5 bar – Design and construction	6.8.2.1	Until further notice	
<b><i>For tanks for gases of Class 2</i></b>				
EN 12493:2001 (except Annex C)	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>	6.8.2.1 (with the exception of 6.8.2.1.17); 6.8.2.4.1 (with the exclusion of the leakproofness test); 6.8.2.5.1, 6.8.3.1 and 6.8.3.5.1	Between 1 January 2005 and 31 December 2010	[31 December 2012]
EN 12493:2008 (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 further notice	
EN 12252:2000	Equipping of LPG road tankers  <i>Note: Road tankers is to be understood in the meaning of "fixed tanks" and "demountable tanks" as per ADR.</i>	6.8.3.2 (with the exception of 6.8.3.2.3)	Between 1 January 2005 and 31 December 2010	[31 December 2012]
EN 12252:2005 + A1:2008	LPG equipment and accessories – Equipping of LPG road tankers  <i>Note: Road tankers is to be understood in the meaning of "fixed tanks" and "demountable tanks" as per ADR.</i>	6.8.3.2 (with the exception of 6.8.3.2.3) and 6.8.3.4.9	Until further notice	

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 13530-2:2002	Cryogenic vessels – Large transportable vacuum insulated vessels – Part 2: Design, fabrication, inspection and testing	6.8.2.1 (with the exception of 6.8.2.1.17), 6.8.2.4, 6.8.3.1 and 6.8.3.4	Between 1 January 2005 and 30 June 2007	[31 December 2012]
EN 13530-2:2002 + A1:2004	Cryogenic vessels – Large transportable vacuum insulated vessels – Part 2: Design, fabrication, inspection and testing	6.8.2.1 (with the exception of 6.8.2.1.17), 6.8.2.4, 6.8.3.1 and 6.8.3.4	Until further notice	
EN 14398-2:2003 (except Table 1)	Cryogenic vessels - Large transportable non-vacuum insulated vessels - Part 2: Design, fabrication, inspection and testing	6.8.2.1 (with the exception of 6.8.2.1.17, 6.8.2.1.19 and 6.8.2.1.20), 6.8.2.4, 6.8.3.1 and 6.8.3.4	Until further notice	
<b><i>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</i></b>				
EN 13094:2004	Tanks for the transport of dangerous goods – Metallic tanks with a working pressure not exceeding 0.5 bar – Design and construction	6.8.2.1	Between 1 January 2005 and 31 December 2009	[31 December 2012]
EN 13094:2008	Tanks for the transport of dangerous goods – Metallic tanks with a working pressure not exceeding 0.5 bar – Design and construction	6.8.2.1	Until further notice	
EN 13082:2001	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	
EN 13308:2002	Tanks for transport of dangerous goods – Service equipment for tanks – Non pressure balanced footvalve	6.8.2.2 and 6.8.2.4.1	Until further notice	
EN 13314:2002	Tanks for transport of dangerous goods – Service equipment for tanks – Fill hole cover	6.8.2.2 and 6.8.2.4.1	Until further notice	
EN 13316:2002	Tanks for transport of dangerous goods – Service equipment for tanks – Pressure balanced footvalve	6.8.2.2 and 6.8.2.4.1	Until further notice	

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 13317:2002	Tanks for transport of dangerous goods – Service equipment for tanks – Manhole cover assembly	6.8.2.2 and 6.8.2.4.1	Between 1 January 2005 and 30 June 2007	[31 December 2012]
EN 13317:2002 (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)	Tanks for transport of dangerous goods – Service equipment for tanks – Manhole cover assembly	6.8.2.2 and 6.8.2.4.1	Between 1 January 2007 and 31 December 2010	[31 December 2012]
EN 13317:2002 + A1:2006	Tanks for transport of dangerous goods – Service equipment for tanks – Manhole cover assembly	6.8.2.2 and 6.8.2.4.1	Until further notice	
EN 14595:2005	Tanks for transport of dangerous goods - Service equipment for tanks - Pressure and vacuum breather vent	6.8.2.2 and 6.8.2.4.1	Until further notice	

#### 6.8.2.6.2 *Inspection and test*

The standard referenced in the table below shall be applied for the inspection and test of tanks as indicated in column (4) to meet the requirements of Chapter 6.8 referred to in column (3) which shall prevail in all cases.

The use of a referenced standard is mandatory.

Reference	Title of document	Applicable sub-sections and paragraphs	Application authorized
(1)	(2)	(3)	(4)
EN 12972:2007	Tanks for transport of dangerous goods – Testing, inspection and marking of metallic tanks	6.8.2.4 6.8.3.4	Until further notice

".

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3)

- 6.8.2.7 In the heading, insert "referenced" before standards  
 In the first paragraph, replace "listed" with "referenced" (twice).  
 Add a new third paragraph to read as follows:

"A standard which has been adopted for reference in a future edition of the RID/ADR may be approved by the competent authority for use without notifying the OTIF/UNECE secretariat."

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3)

6.8.3.6 In the heading, insert "referenced" before "standards" at the end.

[ADR only:] Amend the text after the Note to read as follows:

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 requirements of Chapter 6.8 referred to in column (3) shall prevail in all cases. 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.

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	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	

"

(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3)

6.8.3.7 Amend to read as follows:

"6.8.3.7 Requirements for battery wagons/vehicles and MEGCs which are not designed, constructed and tested according to referenced standards

To reflect scientific and technical progress or where no standard is referenced in 6.8.3.6 or to deal with specific aspects not addressed in a standard referenced in 6.8.3.6, the competent authority may recognize the use of a technical code providing the same level of safety. Battery wagons/vehicles and MEGCs shall, however, comply with the minimum requirements of 6.8.3.

In the type approval the issuing body shall specify the procedure for periodic inspections if the standards referenced in 6.2.2, 6.2.4 or 6.8.2.6 are not applicable or shall not be applied.

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.

A standard which has been adopted for reference in a future edition of the RID/ADR may be approved by the competent authority for use without notifying the OTIF/UNECE secretariat."

*(Ref. Doc.: ECE/TRANS/WP.15/AC.1/2009/3)*

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