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Item 6 (a) of the provisional agenda

PROPOSALS FOR AMENDMENTS TO RID/ADR/ADN

**Chapter 6.2 - Transitional provisions for gas receptacles designed, constructed and tested
according to standards**

Note by the secretariat

1. Reference is made to document ECE/TRANS/WP.15/AC.1/2007/55.
2. The secretariat proposes to amend 6.2.4 to read as presented in Annex.
3. As a consequence, 1.6.2.5 should be amended to read:

"Pressure receptacles and their closures designed and constructed in accordance with standards applicable at the time of their construction (see 6.2.4) according to the provisions of RID/ADR which were applicable at that time may still be used."

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.

Depending on the date of construction of the pressure receptacle, the standards listed in the table below shall be applied as indicated in column (4) to meet the requirements of Chapter 6.2 referred to in column (3) or may be applied as indicated in column (5). The requirements of Chapter 6.2 shall prevail in all cases.

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Reference	Title of document	Applicable sub-sections and paragraphs	Mandatory application for pressure receptacles constructed	Application authorized for pressure receptacles constructed
(1)	(2)	(3)	(4)	(5)
<i>for materials</i>				
EN 1797-1:1998	Cryogenic vessels – Gas/material compatibility	6.2.1.2		Between 1 July 2001 and 30 June 2003
EN 1797:2001	Cryogenic vessels – Gas/material compatibility	6.2.1.2	As from 1 January 2009	Before 1 January 2009
EN ISO 11114-1: 1997	Transportable gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 1: Metallic materials	6.2.1.2	As from 1 January 2009	Before 1 January 2009
EN ISO 11114-2: 2000	Transportable gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 2: Non-metallic materials	6.2.1.2	As from 1 January 2009	Before 1 January 2009
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	As from 1 January 2009	Before 1 January 2009
EN 1252-1:1998	Cryogenic vessels – Materials - Part 1: Toughness requirements for temperature below -80 °C	6.2.1.2		Between 1 July 2001 and 30 June 2003
<i>for marking</i>				
[EN 1442:1998	Transportable refillable welded steel cylinders for liquefied petroleum gas (LPG) – Design and construction	6.2.2.7		Before 1 July 2003]

Reference	Title of document	Applicable sub-sections and paragraphs	Mandatory application for pressure receptacles constructed	Application authorized for pressure receptacles constructed
(1)	(2)	(3)	(4)	(5)
EN 1251-1:2000	Cryogenic vessels - Transportable, vacuum insulated, of not more than 1 000 litres volume - Part 1: Fundamental requirements	6.2.2.7		Before 1 July 2003
EN 1089-1:1996	Transportable gas cylinders - Gas cylinder identification (excluding LPG) - Part 1: Stampmarking	6.2.2.7		Before 1 July 2003
<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. L 300 from 19.11.1984.	6.2.3.1 and 6.2.3.4	As from 1 January 2009	Before 1 January 2009
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. L 300 from 19.11.1984.	6.2.3.1 and 6.2.3.4	As from 1 January 2009	Before 1 January 2009
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. L 300 from 19.11.1984.	6.2.3.1 and 6.2.3.4	As from 1 January 2009	Before 1 January 2009
EN 1442:1998	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
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	As from 1 January 2009	Before 1 January 2009
EN 1800:1998 + AC:1999	Transportable gas cylinders – Acetylene cylinders – Basic requirements and definitions	6.2.3.1.5	Between 1 January 2001 and 31 December 2010*	Before 1 January 2011

* Unless the application of another standard is authorized in column (5) for the same purposes for pressure receptacles constructed at the same date.

Reference	Title of document	Applicable sub-sections and paragraphs	Mandatory application for pressure receptacles constructed	Application authorized for pressure receptacles constructed
(1)	(2)	(3)	(4)	(5)
EN 1800:2006	Transportable gas cylinders - Acetylene cylinders - Basic requirements, definitions and type testing	6.2.3.1.5	As from 1 January 2011	Before 1 January 2011
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	As from 1 January 2009	Before 1 January 2009
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
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	As from 1 January 2009	Before 1 January 2009
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	As from 1 January 2009	Before 1 January 2009
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 stainless steel	6.2.3.1 and 6.2.3.4	As from 1 January 2009	Before 1 January 2009
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	As from 1 January 2009	Before 1 January 2009

Reference	Title of document	Applicable sub-sections and paragraphs	Mandatory application for pressure receptacles constructed	Application authorized for pressure receptacles constructed
(1)	(2)	(3)	(4)	(5)
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	As from 1 January 2009	Before 1 January 2009
EN 12257:2002	Transportable gas cylinders – Seamless, hoop wrapped composite cylinders	6.2.3.1 and 6.2.3.4	As from 1 January 2009	Before 1 January 2009
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	As from 1 January 2009	Before 1 January 2009
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 a $R_m \geq 1100$ MPa	6.2.3.1 and 6.2.3.4	As from 1 January 2009	Before 1 January 2009
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	As from 1 January 2009	Before 1 January 2009
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
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	As from 1 January 2009	Before 1 January 2009
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

Reference	Title of document	Applicable sub-sections and paragraphs	Mandatory application for pressure receptacles constructed	Application authorized for pressure receptacles constructed
(1)	(2)	(3)	(4)	(5)
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	As from 1 January 2009	Before 1 January 2009
EN 12245:2002	Transportable gas cylinders – Fully wrapped composite cylinders	6.2.3.1 and 6.2.3.4	As from 1 January 2009	Before 1 January 2009
EN 12205:2001	Transportable gas cylinders – Non refillable metallic gas cylinders	6.2.3.1, 6.2.3.4 and 6.2.3.9	As from 1 January 2009	Before 1 January 2009
EN 13110:2002	Transportable refillable welded aluminium cylinders for liquefied petroleum gas (LPG) – Design and construction	6.2.3.1, 6.2.3.4 and 6.2.3.9	As from 1 January 2009	Before 1 January 2009
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, 6.2.3.4 and 6.2.3.9		Before 1 July 2007
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 the burst test when they show damage equal to or worse than the rejection criteria.</i>	6.2.3.1, 6.2.3.4 and 6.2.3.9	As from 1 January 2009	Before 1 January 2009
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, 6.2.3.4 and 6.2.3.9	As from 1 January 2009	Before 1 January 2009
EN 14140:2003	Transportable refillable welded steel cylinders for Liquefied Petroleum Gas (LPG) – Alternative design and construction	6.2.3.1, 6.2.3.4 and 6.2.3.9	Between 1 January 2001 and 31 December 2010*	Before 1 January 2011

* Unless the application of another standard is authorized in column (5) for the same purposes for pressure receptacles constructed at the same date.

Reference	Title of document	Applicable sub-sections and paragraphs	Mandatory application for pressure receptacles constructed	Application authorized for pressure receptacles constructed
(1)	(2)	(3)	(4)	(5)
EN 14140:2003 + A1:2006 (with the exemption of the Note to Annex A [if not deleted when published])	LPG equipment and accessories - Transportable refillable welded steel cylinders for LPG - Alternative design and construction	6.2.3.1, 6.2.3.4 and 6.2.3.9	As from 1 January 2011	Before 1 January 2011
EN 13769:2003	Transportable gas cylinders – Cylinder bundles – Design, manufacture, identification and testing	6.2.3.1, 6.2.3.4 and 6.2.3.9		Before 1 July 2007
EN 13769:2003 + A1:2005	Transportable gas cylinders – Cylinder bundles – Design, manufacture, identification and testing	6.2.3.1, 6.2.3.4 and 6.2.3.9	As from 1 January 2009	Before 1 January 2009
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	As from 1 January 2011	Before 1 January 2011
EN 14893:2006[+AC:2007]	LPG equipment and accessories – Transportable LPG welded steel pressure drums with a capacity between 150 litres and 1 000 litres	6.2.3.1 and 6.2.3.4	As from 1 January 2011	Before 1 January 2011
<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
EN 849:1996/A2:2001	Transportable gas cylinders – Cylinder valves: Specification and type testing	6.2.3.1		Before 1 July 2007
EN ISO 10297: 2006	Transportable gas cylinders – Cylinder valves: Specification and type testing	6.2.3.1	As from 1 January 2009	Before 1 January 2009
EN 13152:2001	Specifications and testing of LPG – cylinder valves – Self closing	6.2.3.1	As from 1 January 2009	Before 1 January 2009
EN 13153:2001	Specifications and testing of LPG – cylinder valves – Manually operated	6.2.3.1	As from 1 January 2009	Before 1 January 2009
<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	6.2.3.5	As from 1 January 2009	Before 1 January 2009

Reference	Title of document	Applicable sub-sections and paragraphs	Mandatory application for pressure receptacles constructed	Application authorized for pressure receptacles constructed
(1)	(2)	(3)	(4)	(5)
EN 1968:2002 (except Annex B)	Transportable gas cylinders – Periodic inspection and testing of seamless steel gas cylinders	6.2.3.5		Before 1 July 2007
EN 1968:2002 + A1:2005 (except Annex B)	Transportable gas cylinders – Periodic inspection and testing of seamless steel gas cylinders	6.2.3.5	As from 1 January 2009	Before 1 January 2009
EN 1802:2002 (except Annex B)	Transportable gas cylinders – Periodic inspection and testing of seamless aluminium alloy gas cylinders	6.2.3.5	As from 1 January 2009	Before 1 January 2009
EN 12863:2002	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>	6.2.3.5		Before 1 July 2007
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>	6.2.3.5	As from 1 January 2009	Before 1 January 2009
EN 1803:2002 (except Annex B)	Transportable gas cylinders – Periodic inspection and testing of welded steel gas cylinders	6.2.3.5	As from 1 January 2009	Before 1 January 2009
EN ISO 11623:2002 (except clause 4)	Transportable gas cylinders – Periodic inspection and testing of composite gas cylinders	6.2.3.5	As from 1 January 2009	Before 1 January 2009
EN 14189:2003	Transportable gas cylinders – Inspection and maintenance of cylinder valves at time of periodic inspection of gas cylinders	6.2.3.5	As from 1 January 2009	Before 1 January 2009
EN 14876:2007	Transportable gas cylinders - Periodic inspection and testing of welded steel pressure drums	6.2.1. 6.2.3.5	As from 1 January 2011	Before 1 January 2011
EN 14912:2005	LPG equipment and accessories – Inspection and maintenance of LPG cylinder valves at time of periodic inspection of cylinders	6.2.1. 6.2.3.5	As from 1 January 2011	Before 1 January 2011
