EU DECLARATION OF CONFORMITY

OFFICIAL JOURNAL OF PRESSURE EQUIPMENT DIRECTIVE (2014/68/EU)

EU DECLARATION OF CONFORMITY

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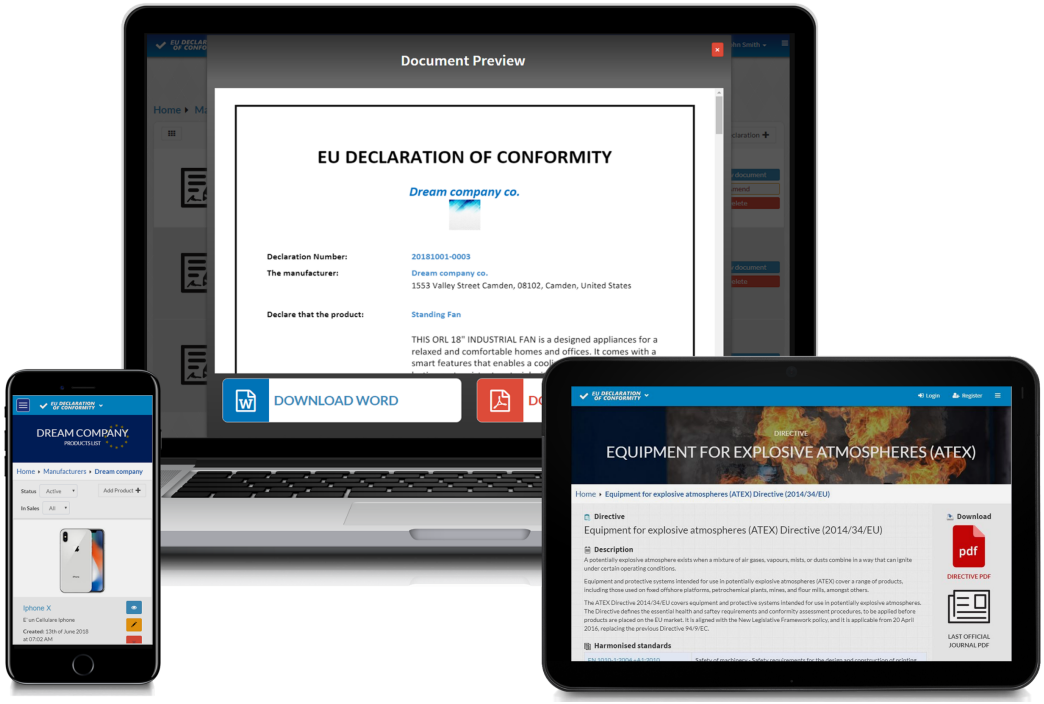

IV

(Notices)

NOTICES FROM EUROPEAN UNION INSTITUTIONS, BODIES, OFFICES AND AGENCIES

EUROPEAN COMMISSION

Commission communication in the framework of the implementation of Directive 2014/68/EU of the European Parliament and of the Council on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment

(Publication of titles and references of harmonised standards under Union harmonisation legislation)

(Text with EEA relevance)

(2018/C 049/01)

The following list contains references to harmonised standards for pressure equipment and harmonised supporting standards for materials used in manufacturing pressure equipment. In the case of a harmonised supporting standard for materials, presumption of conformity to the essential safety requirements is limited to technical data of materials in the standard and does not presume adequacy of the material to a specific item of equipment. Consequently the technical data stated in the material standard shall be assessed against the design requirements of this specific item of equipment to verify that the essential safety requirements of the Pressure Equipment Directive are satisfied.

ESO ([1])	Reference and title of the standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
(1)	(2)	(3)	(4)	(5)
CEN	EN 3-8:2006 Portable fire extinguishers — Part 8: Additional requirements to EN 3-7 for the construction, resistance to pressure and mechanical tests for extinguishers with a maximum allowable pressure equal to or lower than 30 bar	12.8.2016		
	EN 3-8:2006/AC:2007	12.8.2016		
CEN	EN 19:2016 Industrial valves — Marking of metallic valves	12.8.2016		
CEN	EN 267:2009+A1:2011 Automatic forced draught burners for liquid fuels	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN 334:2005+A1:2009 Gas pressure regulators for inlet pressures up to 100 bar	12.8.2016		
CEN	EN 378-2:2016 Refrigerating systems and heat pumps — Safety and environmental requirements — Part 2: Design, construction, testing, marking and documentation	17.11.2017	EN 378-2:2008 +A2:2012 Note 2.1	The date of this publication
CEN	EN 593:2009+A1:2011 Industrial valves — Metallic butterfly valves	12.8.2016		
CEN	EN 676:2003+A2:2008 Automatic forced draught burners for gaseous fuels	12.8.2016		
	EN 676:2003+A2:2008/AC:2008	12.8.2016		
CEN	EN 764-4:2014 Pressure equipment — Part 4: Establishment of technical delivery conditions for metallic materials	12.8.2016		
CEN	EN 764-5:2014 Pressure equipment — Part 5: Inspection documentation of metallic materials and compliance with the material specification	12.8.2016		
CEN	EN 764-7:2002 Pressure equipment — Part 7: Safety systems for unfired pressure equipment	12.8.2016		
	EN 764-7:2002/AC:2006	12.8.2016		
CEN	EN 1057:2006+A1:2010 Copper and copper alloys — Seamless, round copper tubes for water and gas in sanitary and heating applications	12.8.2016		
CEN	EN 1092-1:2007+A1:2013 Flanges and their joints — Circular flanges for pipes, valves, fittings and accessories, PN designated — Part 1: Steel flanges	12.8.2016		
CEN	EN 1092-3:2003 Flanges and their joints — Circular flanges for pipes, valves, fittings and accessories, PN designated — Part 3: Copper alloy flanges	12.8.2016		
	EN 1092-3:2003/AC:2007	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN 1092-4:2002 Flanges and their joints — Circular flanges for pipes, valves, fittings and accessories, PN designated — Part 4: Aluminium alloy flanges	12.8.2016		
CEN	EN 1171:2015 Industrial valves — Cast iron gate valves	12.8.2016		
CEN	EN 1252-2:2001 Cryogenic vessels — Materials — Part 2: Toughness requirements for temperatures between - 80 °C and - 20 °C	12.8.2016		
CEN	EN 1349:2009 Industrial process control valves	12.8.2016		
CEN	EN 1515-4:2009 Flanges and their joints — Bolting — Part 4: Selection of bolting for equipment subject to the Pressure Equipment Directive 97/23/EC	12.8.2016		
CEN	EN 1562:2012 Founding — Malleable cast irons	12.8.2016		
CEN	EN 1563:2011 Founding — Spheroidal graphite cast irons	12.8.2016		
CEN	EN 1564:2011 Founding — Ausferritic spheroidal graphite cast irons	12.8.2016		
CEN	EN 1591-1:2013 Flanges and their joints — Design rules for gasketed circular flange connections — Part 1: Calculation	12.8.2016		
CEN	EN 1626:2008 Cryogenic vessels — Valves for cryogenic service	12.8.2016		
CEN	EN 1653:1997 Copper and copper alloys — Plate, sheet and circles for boilers, pressure vessels and hot water storage units	12.8.2016		
	EN 1653:1997/A1:2000	12.8.2016	Note 3	
CEN	EN 1759-3:2003 Flanges and their joints — Circular flanges for pipes, valves, fittings and accessories, Class designated — Part 3: Copper alloy flanges	12.8.2016		
	EN 1759-3:2003/AC:2004	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN 1759-4:2003 Flanges and their joint — Circular flanges for pipes, valves, fittings and accessories, class designated — Part 4: Aluminium alloy flanges	12.8.2016		
CEN	EN 1797:2001 Cryogenic vessels — Gas/material compatibility	12.8.2016		
CEN	EN 1866-2:2014 Mobile fire extinguishers — Part 2: Requirements for the construction, pressure resistance and mechanical tests for extinguishers, with a maximum allowable pressure equal to or lower than 30 bar, which comply with the requirements of EN 1866-1	12.8.2016		
CEN	EN 1866-3:2013 Mobile fire extinguishers — Part 3: Requirements for the assembly, construction and pressure resistance of CO2 extinguishers which comply with the requirements of EN 1866-1	12.8.2016		
CEN	EN 1983:2013 Industrial valves — Steel ball valves	12.8.2016		
CEN	EN 1984:2010 Industrial valves — Steel gate valves	12.8.2016		
CEN	EN ISO 4126-1:2013 Safety devices for protection against excessive pressure — Part 1: Safety valves (ISO 4126-1:2013)	12.8.2016		
CEN	EN ISO 4126-3:2006 Safety devices for protection against excessive pressure — Part 3: Safety valves and bursting disc safety devices in combination (ISO 4126-3:2006)	12.8.2016		
CEN	EN ISO 4126-4:2013 Safety devices for protection against excessive pressure — Part 4: Pilot-operated safety valves (ISO 4126-4:2013)	12.8.2016		
CEN	EN ISO 4126-5:2013 Safety devices for protection against excessive pressure — Part 5: Controlled safety pressure relief systems (CSPRS) (ISO 4126-5:2013)	12.8.2016		
CEN	EN ISO 4126-7:2013 Safety devices for protection against excessive pressure — Part 7: Common data (ISO 4126-7:2013)	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN ISO 9606-1:2017 Qualification testing of welders — Fusion welding — Part 1: Steels (ISO 9606-1:2012 including Cor 1:2012 and Cor 2:2013)	This is the first publication	EN ISO 9606-1:2013 Note 2.1	28.2.2018
CEN	EN ISO 9606-2:2004 Qualification test of welders — Fusion welding — Part 2: Aluminium and aluminium alloys (ISO 9606-2:2004)	12.8.2016		
CEN	EN ISO 9606-3:1999 Approval testing of welders — Fusion welding — Part 3: Copper and copper alloys (ISO 9606-3:1999)	12.8.2016		
CEN	EN ISO 9606-4:1999 Approval testing of welders — Fusion welding — Part 4: Nickel and nickel alloys (ISO 9606-4:1999)	12.8.2016		
CEN	EN ISO 9606-5:2000 Approval testing of welders — Fusion welding — Part 5: Titanium and titanium alloys, zirconium and zirconium alloys (ISO 9606-5:2000)	12.8.2016		
CEN	EN ISO 9712:2012 Non-destructive testing — Qualification and certification of NDT personnel (ISO 9712:2012)	12.8.2016		
CEN	EN 10028-1:2017 Flat products made of steels for pressure purposes — Part 1: General requirements	This is the first publication	EN 10028-1:2007 +A1:2009 Note 2.1	The date of this publication
CEN	EN 10028-2:2017 Flat products made of steels for pressure purposes — Part 2: Non-alloy and alloy steels with specified elevated temperature properties	This is the first publication	EN 10028-2:2009 Note 2.1	The date of this publication
CEN	EN 10028-3:2017 Flat products made of steels for pressure purposes — Part 3: Weldable fine grain steels, normalized	This is the first publication	EN 10028-3:2009 Note 2.1	The date of this publication
CEN	EN 10028-4:2017 Flat products made of steels for pressure purposes — Part 4: Nickel alloy steels with specified low temperature properties	This is the first publication	EN 10028-4:2009 Note 2.1	The date of this publication
CEN	EN 10028-5:2017 Flat products made of steels for pressure purposes — Part 5: Weldable fine grain steels, thermomechanically rolled	This is the first publication	EN 10028-5:2009 Note 2.1	The date of this publication

(1)	(2)	(3)	(4)	(5)
CEN	EN 10028-6:2017 Flat products made of steels for pressure purposes — Part 6: Weldable fine grain steels, quenched and tempered	This is the first publication	EN 10028-6:2009 Note 2.1	The date of this publication
CEN	EN 10028-7:2016 Flat products made of steels for pressure purposes — Part 7: Stainless steels	17.11.2017	EN 10028-7:2007 Note 2.1	The date of this publication
CEN	EN 10204:2004 Metallic products — Types of inspection documents	12.8.2016		
CEN	EN 10213:2007+A1:2016 Steel castings for pressure purposes	12.8.2016		
CEN	EN 10216-1:2013 Seamless steel tubes for pressure purposes — Technical delivery conditions — Part 1: Non-alloy steel tubes with specified room temperature properties	12.8.2016		
CEN	EN 10216-2:2013 Seamless steel tubes for pressure purposes — Technical delivery conditions — Part 2: Non-alloy and alloy steel tubes with specified elevated temperature properties	12.8.2016		
CEN	EN 10216-3:2013 Seamless steel tubes for pressure purposes — Technical delivery conditions — Part 3: Alloy fine grain steel tubes	12.8.2016		
CEN	EN 10216-4:2013 Seamless steel tubes for pressure purposes — Technical delivery conditions — Part 4: Non-alloy and alloy steel tubes with specified low temperature properties	12.8.2016		
CEN	EN 10216-5:2013 Seamless steel tubes for pressure purposes — Technical delivery conditions — Part 5: Stainless steel tubes	12.8.2016		
CEN	EN 10217-1:2002 Welded steel tubes for pressure purposes — Technical delivery conditions — Part 1: Non-alloy steel tubes with specified room temperature properties	12.8.2016		
	EN 10217-1:2002/A1:2005	12.8.2016	Note 3	

(1)	(2)	(3)	(4)	(5)
CEN	EN 10217-2:2002 Welded steel tubes for pressure purposes — Technical delivery conditions — Part 2: Electric welded non-alloy and alloy steel tubes with specified elevated temperature properties	12.8.2016		
	EN 10217-2:2002/A1:2005	12.8.2016	Note 3	
CEN	EN 10217-3:2002 Welded steel tubes for pressure purposes — Technical delivery conditions — Part 3: Alloy fine grain steel tubes	12.8.2016		
	EN 10217-3:2002/A1:2005	12.8.2016	Note 3	
CEN	EN 10217-4:2002 Welded steel tubes for pressure purposes — Technical delivery conditions — Part 4: Electric welded non-alloy steel tubes with specified low temperature properties	12.8.2016		
	EN 10217-4:2002/A1:2005	12.8.2016	Note 3	
CEN	EN 10217-5:2002 Welded steel tubes for pressure purposes — Technical delivery conditions — Part 5: Submerged arc welded non-alloy and alloy steel tubes with specified elevated temperature properties	12.8.2016		
	EN 10217-5:2002/A1:2005	12.8.2016	Note 3	
CEN	EN 10217-6:2002 Welded steel tubes for pressure purposes — Technical delivery conditions — Part 6: Submerged arc welded non-alloy steel tubes with specified low temperature properties	12.8.2016		
	EN 10217-6:2002/A1:2005	12.8.2016	Note 3	
CEN	EN 10217-7:2014 Welded steel tubes for pressure purposes — Technical delivery conditions — Part 7: Stainless steel tubes	12.8.2016		
CEN	EN 10222-1:2017 Steel forgings for pressure purposes — Part 1: General requirements for open die forgings	17.11.2017	EN 10222-1:1998 Note 2.1	31.10.2017

(1)	(2)	(3)	(4)	(5)
CEN	EN 10222-2:2017 Steel forgings for pressure purposes — Part 2: Ferritic and martensitic steels with specified elevated temperatures properties	17.11.2017	EN 10222-2:1999 Note 2.1	31.10.2017
CEN	EN 10222-3:2017 Steel forgings for pressure purposes — Part 3: Nickel steels with specified low temperature properties	17.11.2017	EN 10222-3:1998 Note 2.1	31.10.2017
CEN	EN 10222-4:2017 Steel forgings for pressure purposes — Part 4: Weldable fine grain steels with high proof strength	17.11.2017	EN 10222-4:1998 Note 2.1	31.10.2017
CEN	EN 10222-5:2017 Steel forgings for pressure purposes — Part 5: Martensitic, austenitic and austenitic-ferritic stainless steels	17.11.2017	EN 10222-5:1999 Note 2.1	31.10.2017
CEN	EN 10253-2:2007 Butt-welding pipe fittings — Part 2: Non alloy and ferritic alloy steels with specific inspection requirements	12.8.2016		
CEN	EN 10253-4:2008 Butt-welding pipe fittings — Part 4: Wrought austenitic and austenitic-ferritic (duplex) stainless steels with specific inspection requirements	12.8.2016		
	EN 10253-4:2008/AC:2009	12.8.2016		
CEN	EN 10269:2013 Steels and nickel alloys for fasteners with specified elevated and/or low temperature properties	12.8.2016		
CEN	EN 10272:2016 Stainless steel bars for pressure purposes	17.11.2017	EN 10272:2007 Note 2.1	The date of this publication
CEN	EN 10273:2016 Hot rolled weldable steel bars for pressure purposes with specified elevated temperature properties	17.11.2017	EN 10273:2007 Note 2.1	The date of this publication
CEN	EN 10305-4:2016 Steel tubes for precision applications — Technical delivery conditions — Part 4: Seamless cold drawn tubes for hydraulic and pneumatic power systems	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN 10305-6:2016 Steel tubes for precision applications — Technical delivery conditions — Part 6: Welded cold drawn tubes for hydraulic and pneumatic power systems	12.8.2016		
CEN	EN ISO 10931:2005 Plastics piping systems for industrial applications — Poly(vinylidene fluoride) (PVDF) — Specifications for components and the system (ISO 10931:2005)	12.8.2016		
	EN ISO 10931:2005/A1:2015	12.8.2016	Note 3	
CEN	EN 12178:2016 Refrigerating systems and heat pumps — Liquid level indicating devices — Requirements, testing and marking	17.11.2017	EN 12178:2003 Note 2.1	The date of this publication
CEN	EN 12263:1998 Refrigerating systems and heat pumps — Safety switching devices for limiting the pressure — Requirements and tests	12.8.2016		
CEN	EN 12266-1:2012 Industrial valves — Testing of metallic valves — Part 1: Pressure tests, test procedures and acceptance criteria — Mandatory requirements	12.8.2016		
CEN	EN 12284:2003 Refrigerating systems and heat pumps — Valves — Requirements, testing and marking	12.8.2016		
CEN	EN 12288:2010 Industrial valves — Copper alloy gate valves	12.8.2016		
CEN	EN 12392:2016 Aluminium and aluminium alloys — Wrought products and cast products — Special requirements for products intended for the production of pressure equipment	12.8.2016		
CEN	EN 12420:2014 Copper and copper alloys — Forgings	12.8.2016		
CEN	EN 12434:2000 Cryogenic vessels — Cryogenic flexible hoses	12.8.2016		
	EN 12434:2000/AC:2001	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN 12451:2012 Copper and copper alloys — Seamless, round tubes for heat exchangers	12.8.2016		
CEN	EN 12452:2012 Copper and copper alloys — Rolled, finned, seamless tubes for heat exchangers	12.8.2016		
CEN	EN 12516-1:2014 Industrial valves — Shell design strength — Part 1: Tabulation method for steel valve shells	12.8.2016		
CEN	EN 12516-2:2014 Industrial valves — Shell design strength — Part 2: Calculation method for steel valve shells	12.8.2016		
CEN	EN 12516-3:2002 Valves — Shell design strength — Part 3: Experimental method	12.8.2016		
	EN 12516-3:2002/AC:2003	12.8.2016		
CEN	EN 12516-4:2014 Industrial valves — Shell design strength — Part 4: Calculation method for valve shells manufactured in metallic materials other than steel	12.8.2016		
CEN	EN 12542:2010 LPG equipment and accessories — Static welded steel cylindrical tanks, serially produced for the storage of Liquefied Petroleum Gas (LPG) having a volume not greater than 13 m^3 — Design and manufacture	12.8.2016		
CEN	EN 12735-1:2016 Copper and copper alloys — Seamless, round tubes for air conditioning and refrigeration — Part 1: Tubes for piping systems	12.8.2016		
CEN	EN 12735-2:2016 Copper and copper alloys — Seamless, round tubes for air conditioning and refrigeration — Part 2: Tubes for equipment	12.8.2016		
CEN	EN 12778:2002 Cookware — Pressure cookers for domestic use	12.8.2016		
	EN 12778:2002/AC:2003	12.8.2016		
	EN 12778:2002/A1:2005	12.8.2016	Note 3	

(1)	(2)	(3)	(4)	(5)
CEN	EN 12952-1:2015 Water-tube boilers and auxiliary installations — Part 1: General	12.8.2016		
CEN	EN 12952-2:2011 Water-tube boilers and auxiliary installations — Part 2: Materials for pressure parts of boilers and accessories	12.8.2016		
CEN	EN 12952-3:2011 Water-tube boilers and auxiliary installations — Part 3: Design and calculation for pressure parts of the boiler	12.8.2016		
CEN	EN 12952-5:2011 Water-tube boilers and auxiliary installations — Part 5: Workmanship and construction of pressure parts of the boiler	12.8.2016		
CEN	EN 12952-6:2011 Water-tube boilers and auxiliary installations — Part 6: Inspection during construction; documentation and marking of pressure parts of the boiler	12.8.2016		
CEN	EN 12952-7:2012 Water-tube boilers and auxiliary installations — Part 7: Requirements for equipment for the boiler	12.8.2016		
CEN	EN 12952-8:2002 Water-tube boilers and auxiliary installations — Part 8: Requirements for firing systems for liquid and gaseous fuels for the boiler	12.8.2016		
CEN	EN 12952-9:2002 Water-tube boilers and auxiliary installations — Part 9: Requirements for firing systems for pulverized solid fuels for the boiler	12.8.2016		
CEN	EN 12952-10:2002 Water-tube boilers and auxiliary installations — Part 10: Requirements for safeguards against excessive pressure	12.8.2016		
CEN	EN 12952-11:2007 Water-tube boilers and auxiliary installations — Part 11: Requirements for limiting devices of the boiler and accessories	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN 12952-14:2004 Water-tube boilers and auxiliary installations — Part 14: Requirements for flue gas DENOX-systems using liquefied pressurized ammonia and ammonia water solution	12.8.2016		
CEN	EN 12952-16:2002 Water-tube boilers and auxiliary installations — Part 16: Requirements for grate and fluidized-bed firing systems for solid fuels for the boiler	12.8.2016		
CEN	EN 12952-18:2012 Water-tube boilers and auxiliary installations — Part 18: Operating instructions	12.8.2016		
CEN	EN 12953-1:2012 Shell boilers — Part 1: General	12.8.2016		
CEN	EN 12953-2:2012 Shell boilers — Part 2: Materials for pressure parts of boilers and accessories	12.8.2016		
CEN	EN 12953-3:2016 Shell boilers — Part 3: Design and calculation for pressure parts	12.8.2016		
CEN	EN 12953-4:2002 Shell boilers — Part 4: Workmanship and construction of pressure parts of the boiler	12.8.2016		
CEN	EN 12953-5:2002 Shell boilers — Part 5: Inspection during construction, documentation and marking of pressure parts of the boiler	12.8.2016		
CEN	EN 12953-6:2011 Shell Boilers — Part 6: Requirements for equipment for the boiler	12.8.2016		
CEN	EN 12953-7:2002 Shell boilers — Part 7: Requirements for firing systems for liquid and gaseous fuels for the boilers	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN 12953-8:2001 Shell boilers — Part 8: Requirements for safeguards against excessive pressure	12.8.2016		
	EN 12953-8:2001/AC:2002	12.8.2016		
CEN	EN 12953-9:2007 Shell boilers — Part 9: Requirements for limiting devices of the boiler and accessories	12.8.2016		
CEN	EN 12953-12:2003 Shell boilers — Part 12: Requirements for grate firing systems for solid fuels for the boiler	12.8.2016		
CEN	EN 12953-13:2012 Shell boilers — Part 13: Operating instructions	12.8.2016		
CEN	EN 13121-1:2003 GRP tanks and vessels for use above ground — Part 1: Raw materials — Specification conditions and acceptance conditions	12.8.2016		
CEN	EN 13121-2:2003 GRP tanks and vessels for use above ground — Part 2: Composite materials — Chemical resistance	12.8.2016		
CEN	EN 13121-3:2016 GRP tanks and vessels for use above ground — Part 3: Design and workmanship	12.8.2016		
CEN	EN 13134:2000 Brazing — Procedure approval	12.8.2016		
CEN	EN 13136:2013 Refrigerating systems and heat pumps — Pressure relief devices and their associated piping — Methods for calculation	12.8.2016		
CEN	EN 13175:2014 LPG Equipment and accessories — Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings	12.8.2016		
CEN	EN 13348:2016 Copper and copper alloys — Seamless, round copper tubes for medical gases or vacuum	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN 13371:2001 Cryogenic vessels — Couplings for cryogenic service	12.8.2016		
CEN	EN 13397:2001 Industrial valves — Diaphragm valves made of metallic materials	12.8.2016		
CEN	EN 13445-1:2014 Unfired pressure vessels — Part 1: General	12.8.2016		
	EN 13445-1:2014/A1:2014	12.8.2016	Note 3	
CEN	EN 13445-2:2014 Unfired pressure vessels — Part 2: Materials	12.8.2016		
	EN 13445-2:2014/A1:2016	17.11.2017	Note 3	The date of this publication
CEN	EN 13445-3:2014 Unfired pressure vessels — Part 3: Design	12.8.2016		
	EN 13445-3:2014/A1:2015	12.8.2016	Note 3	
	EN 13445-3:2014/A2:2016	17.11.2017	Note 3	The date of this publication
	EN 13445-3:2014/A3:2017	This is the first publication	Note 3	28.2.2018
CEN	EN 13445-4:2014 Unfired pressure vessels — Part 4: Fabrication	12.8.2016		
CEN	EN 13445-5:2014 Unfired pressure vessels — Part 5: Inspection and testing	12.8.2016		The date of this publication
CEN	EN 13445-6:2014 Unfired pressure vessels — Part 6: Requirements for the design and fabrication of pressure vessels and pressure parts constructed from spheroidal graphite cast iron	12.8.2016		
CEN	EN 13445-8:2014 Unfired pressure vessels — Part 8: Additional requirements for pressure vessels of aluminium and aluminium alloys	12.8.2016		
	EN 13445-8:2014/A1:2014	12.8.2016	Note 3	

(1)	(2)	(3)	(4)	(5)
CEN	EN 13458-1:2002 Cryogenic vessels — Static vacuum insulated vessels — Part 1: Fundamental requirements	12.8.2016		
CEN	EN 13458-2:2002 Cryogenic vessels — Static vacuum insulated vessels — Part 2: Design, fabrication, inspection and testing	12.8.2016		
	EN 13458-2:2002/AC:2006	12.8.2016		
CEN	EN 13480-1:2017 Metallic industrial piping — Part 1: General	17.11.2017	EN 13480-1:2012 Note 2.1	15.12.2017
CEN	EN 13480-2:2017 Metallic industrial piping — Part 2: Materials	17.11.2017	EN 13480-2:2012 Note 2.1	15.12.2017
CEN	EN 13480-3:2017 Metallic industrial piping — Part 3: Design and calculation	17.11.2017	EN 13480-3:2012 Note 2.1	15.12.2017
CEN	EN 13480-4:2012 Metallic industrial piping — Part 4: Fabrication and installation	12.8.2016		
	EN 13480-4:2012/A1:2013	12.8.2016	Note 3	
	EN 13480-4:2012/A2:2015	12.8.2016	Note 3	
CEN	EN 13480-5:2017 Metallic industrial piping — Part 5: Inspection and testing	17.11.2017	EN 13480-5:2012 Note 2.1	15.12.2017
CEN	EN 13480-6:2017 Metallic industrial piping — Part 6: Additional requirements for buried piping	17.11.2017	EN 13480-6:2012 Note 2.1	15.12.2017
CEN	EN 13480-8:2017 Metallic industrial piping — Part 8: Additional requirements for aluminium and aluminium alloy piping	17.11.2017	EN 13480-8:2012 Note 2.1	15.12.2017
CEN	EN 13547:2013 Industrial valves — Copper alloy ball valves	12.8.2016		
CEN	EN ISO 13585:2012 Brazing — Qualification test of brazers and brazing operators (ISO 13585:2012)	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN 13648-1:2008 Cryogenic vessels — Safety devices for protection against excessive pressure — Part 1: Safety valves for cryogenic service	12.8.2016		
CEN	EN 13648-2:2002 Cryogenic vessels — Safety devices for protection against excessive pressure — Part 2: Bursting disc safety devices for cryogenic service	12.8.2016		
CEN	EN 13709:2010 Industrial valves — Steel globe and globe stop and check valves	12.8.2016		
CEN	EN 13789:2010 Industrial valves — Cast iron globe valves	12.8.2016		
CEN	EN 13831:2007 Closed expansion vessels with built in diaphragm for installation in water	12.8.2016		
CEN	EN 13835:2012 Founding — Austenitic cast irons	12.8.2016		
CEN	EN 13923:2005 Filament-wound FRP pressure vessels — Materials, design, manufacturing and testing	12.8.2016		
CEN	EN 14129:2014 LPG Equipment and accessories — Pressure relief valves for LPG pressure vessels	12.8.2016		
CEN	EN 14197-1:2003 Cryogenic vessels — Static non-vacuum insulated vessels — Part 1: Fundamental requirements	12.8.2016		
CEN	EN 14197-2:2003 Cryogenic vessels — Static non-vacuum insulated vessels — Part 2: Design, fabrication, inspection and testing	12.8.2016		
	EN 14197-2:2003/A1:2006	12.8.2016	Note 3	
	EN 14197-2:2003/AC:2006	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN 14197-3:2004 Cryogenic vessels — Static non-vacuum insulated vessels — Part 3: Operational requirements	12.8.2016		
	EN 14197-3:2004/A1:2005	12.8.2016	Note 3	
	EN 14197-3:2004/AC:2004	12.8.2016		
CEN	EN 14222:2003 Stainless steel shell boilers	12.8.2016		
CEN	EN 14276-1:2006+A1:2011 Pressure equipment for refrigerating systems and heat pumps — Part 1: Vessels — General requirements	12.8.2016		
CEN	EN 14276-2:2007+A1:2011 Pressure equipment for refrigerating systems and heat pumps — Part 2: Piping — General requirements	12.8.2016		
CEN	EN 14359:2006+A1:2010 Gas-loaded accumulators for fluid power applications	12.8.2016		
CEN	EN 14382:2005+A1:2009 Safety devices for gas pressure regulating stations and installations — Gas safety shut-off devices for inlet pressures up to 100 bar	12.8.2016		
	EN 14382:2005+A1:2009/AC:2009	12.8.2016		
CEN	EN 14394:2005+A1:2008 Heating boilers — Heating boilers with forced draught burners — Nominal heat output not exceeding 10 MW and maximum operating temperature of 110 °C	12.8.2016		
CEN	EN 14570:2014 LPG equipment and accessories — Equipping of overground and underground LPG vessels	12.8.2016		
CEN	EN 14585-1:2006 Corrugated metal hose assemblies for pressure applications — Part 1: Requirements	12.8.2016		
CEN	EN 14917:2009+A1:2012 Metal bellows expansion joints for pressure applications	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN 15001-1:2009 Gas Infrastructure — Gas installation pipework with an operating pressure greater than 0,5 bar for industrial installations and greater than 5 bar for industrial and non-industrial installations — Part 1: Detailed functional requirements for design, materials, construction, inspection and testing	12.8.2016		
CEN	EN ISO 15493:2003 Plastics piping systems for industrial applications — Acrylonitrile-butadiene-styrene (ABS), unplasticized poly(vinyl chloride) (PVC-U) and chlorinated poly(vinyl chloride) (PVC-C) — Specifications for components and the system — Metric series (ISO 15493:2003)	12.8.2016		
	EN ISO 15493:2003/A1:2017	17.11.2017	Note 3	The date of this publication
CEN	EN ISO 15613:2004 Specification and qualification of welding procedures for metallic materials — Qualification based on pre-production welding test (ISO 15613:2004)	12.8.2016		
CEN	EN ISO 15614-1:2004 Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys (ISO 15614-1:2004)	12.8.2016		
	EN ISO 15614-1:2004/A1:2008	12.8.2016	Note 3	
	EN ISO 15614-1:2004/A2:2012	12.8.2016	Note 3	
CEN	EN ISO 15614-2:2005 Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 2: Arc welding of aluminium and its alloys (ISO 15614-2:2005)	12.8.2016		
	EN ISO 15614-2:2005/AC:2009	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN ISO 15614-4:2005 Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 4: Finishing welding of aluminium castings (ISO 15614-4:2005)	12.8.2016		
	EN ISO 15614-4:2005/AC:2007	12.8.2016		
CEN	EN ISO 15614-5:2004 Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 5: Arc welding of titanium, zirconium and their alloys (ISO 15614-5:2004)	12.8.2016		
CEN	EN ISO 15614-6:2006 Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 6: Arc and gas welding of copper and its alloys (ISO 15614-6:2006)	12.8.2016		
CEN	EN ISO 15614-7:2007 Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 7: Overlay welding (ISO 15614-7:2007)	12.8.2016		
CEN	EN ISO 15614-8:2016 Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 8: Welding of tubes to tube-plate joints (ISO 15614-8:2016)	12.8.2016		
CEN	EN ISO 15614-11:2002 Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 11: Electron and laser beam welding (ISO 15614-11:2002)	12.8.2016		
CEN	EN ISO 15620:2000 Welding — Friction welding of metallic materials (ISO 15620:2000)	12.8.2016		
CEN	EN 15776:2011+A1:2015 Unfired pressure vessels — Requirements for the design and fabrication of pressure vessels and pressure parts constructed from cast iron with an elongation after fracture equal or less than 15 %	12.8.2016		

(1)	(2)	(3)	(4)	(5)
CEN	EN ISO 16135:2006 Industrial valves — Ball valves of thermoplastics materials (ISO 16135:2006)	12.8.2016		
CEN	EN ISO 16136:2006 Industrial valves — Butterfly valves of thermoplastics materials (ISO 16136:2006)	12.8.2016		
CEN	EN ISO 16137:2006 Industrial valves — Check valves of thermoplastics materials (ISO 16137:2006)	12.8.2016		
CEN	EN ISO 16138:2006 Industrial valves — Diaphragm valves of thermoplastics materials (ISO 16138:2006)	12.8.2016		
CEN	EN ISO 16139:2006 Industrial valves — Gate valves of thermoplastics materials (ISO 16139:2006)	12.8.2016		
CEN	EN 16767:2016 Industrial valves — Steel and cast iron check valves	12.8.2016		
CEN	EN ISO 21009-2:2015 Cryogenic vessels — Static vacuum insulated vessels — Part 2: Operational requirements (ISO 21009-2:2015)	12.8.2016		
CEN	EN ISO 21013-3:2016 Cryogenic vessels — Pressure-relief accessories for cryogenic service — Part 3: Sizing and capacity determination (ISO 21013-3:2016)	12.8.2016		
CEN	EN ISO 21028-1:2016 Cryogenic vessels — Toughness requirements for materials at cryogenic temperature — Part 1: Temperatures below - 80 °C (ISO 21028-1:2016)	17.11.2017	EN 1252-1:1998 Note 2.1	The date of this publication
CEN	EN ISO 21787:2006 Industrial valves — Globe valves of thermoplastics materials (ISO 21787:2006)	12.8.2016		

([1]) ESO: European standardisation organisation:
— CEN: Avenue Marnix/Marnixlaan 17, 1000 Bruxelles/Brussel, BELGIQUE/BELGIË; tel. +32 25500811; fax +32 25500819 (http://www.cen.eu)
— Cenelec: Avenue Marnix/Marnixlaan 17, 1000 Bruxelles/Brussel, BELGIQUE/BELGIË; tel. +32 25196871; fax +32 25196919 (http://www.cenelec.eu)
— ETSI: 650 route des Lucioles, 06921 Sophia Antipolis, FRANCE; tel. +33 492944200; fax +33 493654716 (http://www.etsi.eu)

Note 1: Generally the date of cessation of presumption of conformity will be the date of withdrawal ('dow'), set by the European standardisation organisation, but attention of users of these standards is drawn to the fact that in certain exceptional cases this can be otherwise.

Note 2.1: The new (or amended) standard has the same scope as the superseded standard. On the date stated, the superseded standard ceases to give presumption of conformity with the essential or other requirements of the relevant Union legislation.

Note 2.2: The new standard has a broader scope than the superseded standard. On the date stated, the superseded standard ceases to give presumption of conformity with the essential or other requirements of the relevant Union legislation.

Note 2.3: The new standard has a narrower scope than the superseded standard. On the date stated, the (partially) superseded standard ceases to give presumption of conformity with the essential or other requirements of the relevant Union legislation for those products or services that fall within the scope of the new standard. Presumption of conformity with the essential or other requirements of the relevant Union legislation for products or services that still fall within the scope of the (partially) superseded standard, but that do not fall within the scope of the new standard, is unaffected.

Note 3: In case of amendments, the referenced standard is EN CCCCC:YYYY, its previous amendments, if any, and the new, quoted amendment. The superseded standard therefore consists of EN CCCCC:YYYY and its previous amendments, if any, but without the new quoted amendment. On the date stated, the superseded standard ceases to give presumption of conformity with the essential or other requirements of the relevant Union legislation.

NOTE:

— Any information concerning the availability of the standards can be obtained either from the European standardisation organisations or from the national standardisation bodies the list of which is published in the *Official Journal of the European Union* according to Article 27 of the Regulation (EU) No 1025/2012 ([1]).

— Standards are adopted by the European standardisation organisations in English (CEN and Cenelec also publish in French and German). Subsequently, the titles of the standards are translated into all other required official languages of the European Union by the national standardisation bodies. The European Commission is not responsible for the correctness of the titles which have been presented for publication in the Official Journal.

— References to Corrigenda '…/AC:YYYY' are published for information only. A Corrigendum removes printing, linguistic or similar errors from the text of a standard and may relate to one or more language versions (English, French and/or German) of a standard as adopted by a European standardisation organisation.

— Publication of the references in the *Official Journal of the European Union* does not imply that the standards are available in all the official languages of the European Union.

— This list replaces all the previous lists published in the *Official Journal of the European Union*. The European Commission ensures the updating of this list.

— More information about harmonised standards and other European standards on the Internet at:

http://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/index_en.htm

([1]) OJ C 338, 27.9.2014, p. 31.