

**COMMISSION IMPLEMENTING DECISION (EU) 2021/157****of 9 February 2021****amending Implementing Decision (EU) 2019/1616 as regards industrial valves, welding procedures, equipment for refrigerating systems and heat pumps, shell boilers, metallic industrial piping, copper and copper alloys, LPG equipment and accessories and safety devices for protection against excessive pressure**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) No 1025/2012 of the European Parliament and of the Council of 25 October 2012 on European standardisation, amending Council Directives 89/686/EEC and 93/15/EEC and Directives 94/9/EC, 94/25/EC, 95/16/EC, 97/23/EC, 98/34/EC, 2004/22/EC, 2007/23/EC, 2009/23/EC and 2009/105/EC of the European Parliament and of the Council and repealing Council Decision 87/95/EEC and Decision No 1673/2006/EC of the European Parliament and of the Council <sup>(1)</sup>, and in particular Article 10(6) thereof,

Whereas:

- (1) In accordance with Article 12 of Directive 2014/68/EU of the European Parliament and of the Council <sup>(2)</sup>, pressure equipment or assemblies referred to in Article 4(1) and (2) of that Directive which are in conformity with harmonised standards or parts thereof the references of which have been published in the *Official Journal of the European Union*, are to be presumed to be in conformity with the essential safety requirements covered by those standards or parts thereof referred to in Annex I to that Directive.
- (2) By letter M/071 of 1 August 1994 the Commission made a request to the European Committee for Standardisation (CEN) for drawing up, in relation to the pressure equipment, the product related standards and the standards of a horizontal nature in support of Directive 97/23/EC of the European Parliament and of the Council <sup>(3)</sup>. That Directive was replaced by Directive 2014/68/EU without changing the essential safety requirements referred to in Annex I to Directive 97/23/EC.
- (3) On the basis of the request M/071 and in order to reflect the state of the art, CEN revised and amended some of the existing harmonised standards. Specifically, CEN revised harmonised standards EN ISO 4126-3:2006, EN 12542:2010 and EN 13175:2014 which resulted in adoption of harmonised standards EN ISO 4126-3:2020 on safety devices, EN 12542:2020 and EN 13175:2019+A1:2020 on LPG equipment and accessories; harmonised standard EN 12735-1:2016 which resulted in adoption of harmonised standard EN 12735-1:2020 on copper and copper alloys; and harmonised standard EN 12953-5:2002 which resulted in adoption of harmonised standard EN 12953-5:2020 on shell boilers. CEN also revised harmonised standards EN 14276-1:2006+A1:2011 and EN 14276-2:2007+A1:2011 which resulted in adoption of harmonised standards EN 14276-1:2020 and EN 14276-2:2020 on pressure equipment for refrigerating systems and heat pumps as well as harmonised standard EN ISO 15620:2000 which resulted in adoption of harmonised standard EN ISO 15620:2019 on welding.
- (4) Additionally, CEN revised and amended a series of harmonised standards on industrial valves. Namely, CEN amended harmonised standards EN ISO 16135:2006, EN ISO 16136:2006, EN ISO 16137:2006, EN ISO 16138:2006, EN ISO 16139:2006 and EN ISO 21787:2006. CEN also revised the harmonised standard EN 16767:2016 which resulted in adoption of harmonised standard EN 16767:2020 on industrial valves.
- (5) CEN also amended harmonised standards EN 13480-2:2017 and EN 13480-3:2017 on metallic industrial piping.

<sup>(1)</sup> OJ L 316, 14.11.2012, p. 12.

<sup>(2)</sup> Directive 2014/68/EU of the European Parliament and of the Council of 15 May 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of pressure equipment (OJ L 189, 27.6.2014, p. 164).

<sup>(3)</sup> Directive 97/23/EC of the European Parliament and of the Council of 29 May 1997 on the approximation of the laws of the Member States concerning pressure equipment (OJ L 181, 9.7.1997, p. 1).

- (6) The Commission together with CEN has assessed whether those standards on the pressure equipment as amended or revised by CEN comply with the request M/071.
- (7) The standards on the pressure equipment as amended or revised by CEN satisfy the requirements which they aim to cover and which are referred to in Annex I to Directive 2014/68/EU. It is therefore appropriate to publish the references of those standards in the *Official Journal of the European Union*.
- (8) References of amended or revised versions of standards EN 12542:2010, EN 12735-1:2016, EN 12953-5:2002, EN 13175:2014, EN 13480-2:2017, EN 13480-3:2017, EN 14276-1:2006+A1:2011, EN 14276-2:2007+A1:2011, EN 16767:2016, EN ISO 15620:2000, EN ISO 16135:2006, EN ISO 16136:2006, EN ISO 16137:2006, EN ISO 16138:2006, EN ISO 16139:2006, EN ISO 21787:2006 and EN ISO 4126-3:2006 are to be published. It is therefore necessary to withdraw from the *Official Journal of the European Union* <sup>(4)</sup> references of the standards EN 12542:2010, EN 12735-1:2016, EN 12953-5:2002, EN 13175:2014, EN 13480-3:2017, EN 14276-1:2006+A1:2011, EN 14276-2:2007+A1:2011, EN 16767:2016, EN ISO 15620:2000, EN ISO 16135:2006, EN ISO 16136:2006, EN ISO 16137:2006, EN ISO 16138:2006, EN ISO 16139:2006, EN ISO 21787:2006 and EN ISO 4126-3:2006.
- (9) In order to give manufacturers sufficient time to adapt their products to the amended or revised versions of harmonised standards for industrial valves, welding procedures, equipment for refrigerating systems and heat pumps, shell boilers, metallic industrial piping, copper and copper alloys, LPG equipment and accessories and safety devices for protection against excessive pressure, it is necessary to defer the withdrawal of the references of those standards.
- (10) Annex I to Commission Implementing Decision (EU) 2019/1616 <sup>(5)</sup> lists the references of harmonised standards drafted in support of Directive 2014/68/EU. The references of harmonised standards EN ISO 4126-3:2020, EN 12542:2020, EN 12735-1:2020, EN 12953-5:2020, EN 13175:2019+A1:2020, EN 13480-3:2017, EN 13480-3:2017/A2:2020, EN 13480-3:2017/A3:2020, EN 14276-1:2020, EN 14276-2:2020, EN ISO 15620:2019, EN ISO 16135:2006, EN ISO 16135:2006/A1:2019, EN ISO 16136:2006, EN ISO 16136:2006/A1:2019, EN ISO 16137:2006, EN ISO 16137:2006/A1:2019, EN ISO 16138:2006, EN ISO 16138:2006/A1:2019, EN ISO 16139:2006, EN ISO 16139:2006/A1:2019, EN 16767:2020, EN ISO 21787:2006 and EN ISO 21787:2006/A1:2019 should be included in that Annex.
- (11) Annex II to Implementing Decision (EU) 2019/1616 lists the references of harmonised standards drafted in support of Directive 2014/68/EU that are withdrawn from the *Official Journal of the European Union*. The references of harmonised standards EN 12542:2010, EN 12735-1:2016, EN 12953-5:2002, EN 13175:2014, EN 13480-3:2017, EN 14276-1:2006+A1:2011, EN 14276-2:2007+A1:2011, EN 16767:2016, EN ISO 15620:2000, EN ISO 16135:2006, EN ISO 16136:2006, EN ISO 16137:2006, EN ISO 16138:2006, EN ISO 16139:2006, EN ISO 21787:2006 and EN ISO 4126-3:2006 should be included in that Annex.
- (12) The reference of harmonised standard EN 13480-2:2017 and the references of its amendments EN 13480-2:2017/A1:2018, EN 13480-2:2017/A2:2018 and EN 13480-2:2017/A3:2018 are included in Annex I to Implementing Decision (EU) 2019/1616. Further amendment has been made to standard EN 13480-2:2017. It is appropriate to replace the relevant entry in that Annex, adding the reference of amendment EN 13480-2:2017/A7:2020.
- (13) Implementing Decision (EU) 2019/1616 should therefore be amended accordingly.
- (14) Compliance with a harmonised standard confers a presumption of conformity with the corresponding essential requirements set out in Union harmonisation legislation from the date of publication of the reference of such standard in the *Official Journal of the European Union*. This Decision should therefore enter into force on the date of its publication,

<sup>(4)</sup> OJ C 326, 14.9.2018, p. 94.

<sup>(5)</sup> Commission Implementing Decision (EU) 2019/1616 of 27 September 2019 on the harmonised standards for pressure equipment drafted in support of Directive 2014/68/EU of the European Parliament and of the Council (OJ L 250, 30.9.2019, p. 95).

HAS ADOPTED THIS DECISION:

*Article 1*

Annex I to Implementing Decision (EU) 2019/1616 is amended in accordance with Annex I to this Decision.

*Article 2*

Annex II to Implementing Decision (EU) 2019/1616 is amended in accordance with Annex II to this Decision.

*Article 3*

This Decision shall enter into force on the day of its publication in the *Official Journal of the European Union*.

Done at Brussels, 9 February 2021.

*For the Commission*  
*The President*  
Ursula VON DER LEYEN

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## ANNEX I

Annex I to Implementing Decision (EU) 2019/1616 is amended as follows:

(1) entry No 11 is replaced by the following:

No	Reference of the standard
'11.	EN 13480-2:2017 Metallic industrial piping - Part 2: Materials EN 13480-2:2017/A1:2018 EN 13480-2:2017/A2:2018 EN 13480-2:2017/A3:2018 EN 13480-2:2017/A7:2020'

(2) the following entries are added:

No	Reference of the standard
'24.	EN ISO 4126-3:2020 Safety devices for protection against excessive pressure - Part 3: Safety valves and bursting disc safety devices in combination (ISO 4126-3:2020)
25.	EN 12542:2020 LPG equipment and accessories - Static welded steel cylindrical pressure vessels, serially produced for the storage of Liquefied Petroleum Gas (LPG) having a volume not greater than 13 m <sup>3</sup> - Design and manufacture
26.	EN 12735-1:2020 Copper and copper alloys - Seamless, round tubes for air conditioning and refrigeration - Part 1: Tubes for piping systems
27.	EN 12953-5:2020 Shell boilers - Part 5: Inspection during construction, documentation and marking of pressure parts of the boiler
28.	EN 13175:2019+A1:2020 LPG Equipment and accessories - Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings
29.	EN 13480-3:2017 Metallic industrial piping - Part 3: Design and calculation EN 13480-3:2017/A2:2020 EN 13480-3:2017/A3:2020
30.	EN 14276-1:2020 Pressure equipment for refrigerating systems and heat pumps - Part 1: Vessels - General requirements
31.	EN 14276-2:2020 Pressure equipment for refrigerating systems and heat pumps - Part 2: Piping - General requirements
32.	EN ISO 15620:2019 Welding - Friction welding of metallic materials (ISO 15620:2019)
33.	EN ISO 16135:2006 Industrial valves - Ball valves of thermoplastics materials (ISO 16135:2006) EN ISO 16135:2006/A1:2019

34.	EN ISO 16136:2006 Industrial valves - Butterfly valves of thermoplastics materials (ISO 16136:2006) EN ISO 16136:2006/A1:2019
35.	EN ISO 16137:2006 Industrial valves - Check valves of thermoplastics materials (ISO 16137:2006) EN ISO 16137:2006/A1:2019
36.	EN ISO 16138:2006 Industrial valves - Diaphragm valves of thermoplastics materials (ISO 16138:2006) EN ISO 16138:2006/A1:2019
37.	EN ISO 16139:2006 Industrial valves - Gate valves of thermoplastics materials (ISO 16139:2006) EN ISO 16139:2006/A1:2019
38.	EN 16767:2020 Industrial valves - Metallic check valves
39.	EN ISO 21787:2006 Industrial valves - Globe valves of thermoplastics materials (ISO 21787:2006) EN ISO 21787:2006/A1:2019

## ANNEX II

In Annex II to Implementing Decision (EU) 2019/1616, the following entries are added:

No	Reference of the standard	Date of withdrawal
22.	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 <sup>3</sup> - Design and manufacture	10 August 2022
23.	EN 12735-1:2016 Copper and copper alloys - Seamless, round tubes for air conditioning and refrigeration - Part 1: Tubes for piping systems	10 August 2022
24.	EN 12953-5:2002 Shell boilers - Part 5: Inspection during construction, documentation and marking of pressure parts of the boiler	10 August 2022
25.	EN 13175:2014 LPG Equipment and accessories - Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings	10 August 2022
26.	EN 13480-3:2017 Metallic industrial piping - Part 3: Design and calculation	10 August 2022
27.	EN 14276-1:2006+A1:2011 Pressure equipment for refrigerating systems and heat pumps - Part 1: Vessels - General requirements	10 August 2022
28.	EN 14276-2:2007+A1:2011 Pressure equipment for refrigerating systems and heat pumps - Part 2: Piping - General requirements	10 August 2022
29.	EN 16767:2016 Industrial valves - Steel and cast iron check valves	10 August 2022
30.	EN ISO 15620:2000 Welding - Friction welding of metallic materials (ISO 15620:2000)	10 August 2022
31.	EN ISO 16135:2006 Industrial valves - Ball valves of thermoplastics materials (ISO 16135:2006)	10 August 2022
32.	EN ISO 16136:2006 Industrial valves - Butterfly valves of thermoplastics materials (ISO 16136:2006)	10 August 2022
33.	EN ISO 16137:2006 Industrial valves - Check valves of thermoplastics materials (ISO 16137:2006)	10 August 2022
34.	EN ISO 16138:2006 Industrial valves - Diaphragm valves of thermoplastics materials (ISO 16138:2006)	10 August 2022

35.	EN ISO 16139:2006 Industrial valves - Gate valves of thermoplastics materials (ISO 16139:2006)	10 August 2022
36.	EN ISO 21787:2006 Industrial valves - Globe valves of thermoplastics materials (ISO 21787:2006)	10 August 2022
37.	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)	10 August 2022'