

DECISIONS

COMMISSION IMPLEMENTING DECISION (EU) 2021/377

of 2 March 2021

amending Implementing Decision (EU) 2019/436 on harmonised standards for machinery drafted in support of Directive 2006/42/EC of the European Parliament and of the Council

(Text with EEA relevance)

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 ⁽¹⁾, and in particular Article 10(6) thereof,

Having regard to Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC ⁽²⁾, and in particular Article 7(3) thereof,

Whereas:

- (1) In accordance with Article 7 of Directive 2006/42/EC machinery manufactured in conformity with a harmonised standard, the reference to which has been published in the *Official Journal of the European Union*, is to be presumed to comply with the essential health and safety requirements covered by such a harmonised standard.
- (2) By letter M/396 of 19 December 2006, the Commission made a request to the European Committee for Standardisation (CEN) and the European Committee for Electrotechnical Standardisation (Cenelec) ('the Request') for the drafting, the revision and the completion of the work on harmonised standards in support of Directive 2006/42/EC to take account of changes introduced by that Directive in comparison with Directive 98/37/EC of the European Parliament and of the Council ⁽³⁾.
- (3) On the basis of the Request, CEN drafted new harmonised standards EN ISO 3743-2:2019 on methods for special reverberation test rooms for small, movable sources in reverberant fields, EN 62841-2-11:2016/A1:2020 concerning particular requirements for hand-held reciprocating saws and EN 62745:2017 on requirements for cableless control systems of machinery.

Furthermore, on the basis of the Request, CEN and Cenelec revised the following existing harmonised standards, the references of which have been published by Commission Communication 2018/C 092/01 ⁽⁴⁾ to adapt them to technological progress: EN 574:1996+A1:2008; EN 349:1993+A1:2008; EN ISO 13857:2008; EN 1612-1:1997+A1:2008; EN 12643:2014; EN ISO 7096:2008; EN 12301:2000+A1:2008; EN 12965:2003+A2:2009; EN 13525:2005+A2:2009; EN 1870-19:2013; EN 940:2009+A1:2012; EN 1870-4:2012; EN ISO 19432:2012; EN ISO 15012-4:2016; and EN 60745-2-14:2009/A1:2010. This resulted in the adoption of, respectively, the

⁽¹⁾ OJ L 316, 14.11.2012, p. 12.

⁽²⁾ OJ L 157, 9.6.2006, p. 24.

⁽³⁾ Directive 98/37/EC of the European Parliament and of the Council of 22 June 1998 on the approximation of the laws of the Member States relating to machinery (OJ L 207, 23.7.1998, p. 1).

⁽⁴⁾ Commission communication in the framework of the implementation of the Directive 2006/42/EC of the European Parliament and of the Council on machinery, and amending Directive 95/16/EC (Publication of titles and references of harmonised standards under Union harmonisation legislation) (OJ C 92, 9.3.2018, p. 1).

following harmonised standards: EN ISO 13851:2019 on principles for design and selection of two-hand control devices; EN ISO 13854:2019 on minimum gaps to avoid crushing of parts of the human body; EN ISO 13857:2019 on safety distances to prevent hazard zones being reached by upper and lower limbs; EN 1612:2019 on safety requirements for reaction moulding machines and plants; EN ISO 5010:2019 on steering requirements for wheeled earth-moving machinery; EN ISO 7096:2020 on laboratory evaluation of operator seat vibration of earth-moving machinery; EN 12301:2019 on safety requirements for calenders plastics and rubber machinery; EN 12965:2019 on power take-off drive shafts and their guards for tractors and machinery for agriculture and forestry; EN 13525:2020 on safety requirements for wood chippers; EN ISO 19085-9:2020 on circular saw benches (with and without sliding tables); EN ISO 19085-11:2020 on combined woodworking machines; EN ISO 19085-13:2020 on multi-blade rip sawing machines with manual loading and/or unloading; EN ISO 19432-1:2020 on safety requirements for cut-off machines for centre-mounted rotating abrasive wheels; EN ISO 21904-1:2020 on equipment for capture and separation of welding fume; and EN 62841-4-1:2020 on particular requirements for chain saws.

- (4) In addition, on the basis of the Request, CEN and Cenelec amended the following standards, the references of which are included in Annex I to Commission Implementing Decision (EU) 2019/436 ⁽⁷⁾: EN ISO 19225:2017 on shearer loaders and plough systems for mobile extracting machines, EN ISO 3691-5:2015 on pedestrian-propelled industrial trucks and EN 62841-3-4:2016 on transportable bench grinders. This resulted in the adoption of, respectively, the amending harmonised standards EN ISO 19225:2017/A1:2019 and EN ISO 3691-5:2015/A1:2020 and EN 62841-3-4:2016/A12:2020.
- (5) CEN and Cenelec also amended the following harmonised standards, the references of which have been published by Communication 2018/C 092/01: EN ISO 11203:2009 on the determination of emission sound pressure levels for noise emitted by machinery and equipment; EN ISO 3691-1:2015 on variable-reach trucks and burden-carrier trucks; EN ISO 4254-11:2010 on pick-up balers; EN ISO 20361:2015 on liquid pumps and pump units; EN 50636-2-107:2015 on robotic battery powered electrical lawnmowers and EN 62841-3-9:2015 on transportable mitre saws. This resulted in the adoption of, respectively, the following amending harmonised standards: EN ISO 11203:2009/A1:2020; EN ISO 3691-1:2015/A1:2020; EN ISO 4254-11:2010/A1:2020; EN ISO 20361:2019/A11:2020; EN 62745:2017/A11:2020; EN 50636-2-107:2015/A2:2020; and EN IEC 62841-3-9:2020/A11:2020.
- (6) The Commission together with CEN and Cenelec has assessed whether the standards drafted, revised and amended by CEN and Cenelec comply with the Request.
- (7) The harmonised standards drafted, revised and amended by CEN and Cenelec on the basis of the Request satisfy the safety requirements which they aim to cover and which are set out in Directive 2006/42/EC. It is therefore appropriate to publish the references of those standards in the *Official Journal of the European Union*, together with references of any relevant amending or correcting standards thereto.
- (8) Implementing Decision (EU) 2019/436 provides in its Annex I the references of harmonised standards conferring a presumption of conformity with Directive 2006/42/EC and in its Annex II it provides the references of harmonised standards conferring a presumption of conformity with restrictions. In order to ensure that the references of harmonised standards drafted in support of Directive 2006/42/EC are listed in one act, the references of those standards should be included in Implementing Decision (EU) 2019/436.
- (9) Annex III to Implementing Decision (EU) 2019/436 lists the references of harmonised standards drafted in support of Directive 2006/42/EC that are withdrawn from the C series of the *Official Journal of the European Union* as from the dates set out in that Annex.
- (10) As the result of the work by CEN and Cenelec on the basis of the Request, the following harmonised standards the references of which are published by Communication 2018/C 092/01 have been replaced, revised or amended: EN 12301:2000+A1:2008; EN 574:1996+A1:2008; EN ISO 15012-4:2016; EN 12643:2014; EN 12965:2003+A2:2009; EN 13525:2005+A2:2009; EN 1612-1:1997+A1:2008; EN 1870-19:2013; EN 1870-4:2012; EN 349:1993+A1:2008; EN 50636-2-107:2015 as amended by EN 50636-2-107:2015/A1:2018; EN 60745-

⁽⁷⁾ Commission Implementing Decision (EU) 2019/436 of 18 March 2019 on the harmonised standards for machinery drafted in support of Directive 2006/42/EC of the European Parliament and of the Council (OJ L 75, 19.3.2019, p. 108).

2-13:2009 as amended by EN 60745-2-13:2009/A1:2010; EN 62841-2-11:2016; EN 62841-3-9:2015 as amended by EN 62841-3-9:2015/A11:2017 and corrected by EN 62841-3-9:2015/AC:2016-09; EN 940:2009+A1:2012; EN ISO 11203:2009; EN ISO 13857:2008; EN ISO 19432:2012; EN ISO 20361:2015; EN ISO 3691-1:2015 as corrected by EN ISO 3691-1:2015/AC:2016; EN ISO 4254-11:2010; and EN ISO 7096:2008 as corrected by EN ISO 7096:2008/AC:2009. It is therefore necessary to withdraw the references of those standards from the *Official Journal of the European Union* by including those references in Annex III to Implementing Decision (EU) 2019/436.

- (11) It is also necessary to withdraw the references of harmonised standards EN ISO 19225:2017 and EN ISO 3691-5:2015 published by Implementing Decision (EU) 2019/436, given that they have been corrected or amended. It is therefore appropriate to delete those references from Annex I to that Implementing Decision.
- (12) In order to give manufacturers sufficient time to prepare for the application of the new standards, revised standards or amendments to standards, it is necessary to defer the withdrawal of the references of those harmonised standards.
- (13) Implementing Decision (EU) 2019/436 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,

HAS ADOPTED THIS DECISION:

Article 1

Annex I to Implementing Decision (EU) 2019/436 is amended in accordance with Annex I to this Decision.

Article 2

Annex III to Implementing Decision (EU) 2019/436 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*.

Points (1) and (3) of Annex I shall apply from 3 September 2022.

Done at Brussels, 2 March 2021.

For the Commission
The President
Ursula VON DER LEYEN

ANNEX I

Annex I to Implementing Decision (EU) 2019/436 is amended as follows:

- (1) row 26 is deleted;
 (2) the following row 26a is inserted:

26a.	EN ISO 19225:2017 Underground mining machines - Mobile extracting machines at the face - Safety requirements for shearer loaders and plough systems (ISO 19225:2017) EN ISO 19225:2017/A1:2019	C'
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- (3) row 47 is deleted;
 (4) the following row 47a is inserted:

47a.	EN ISO 3691-5:2015 Industrial trucks - Safety requirements and verification - Part 5: Pedestrian-propelled trucks (ISO 3691-5:2014) EN ISO 3691-5:2015/A1:2020	C'
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- (5) the following rows are added:

70.	EN ISO 3743-2:2019 Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering methods for small, movable sources in reverberant fields - Part 2: Methods for special reverberation test rooms (ISO 3743-2:2018)	B
71.	EN ISO 11203:2009 Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions from the sound power level (ISO 11203:1995) EN ISO 11203:2009/A1:2020	B
72.	EN ISO 13851:2019 Safety of machinery - Two-hand control devices - Principles for design and selection (ISO 13851:2019)	B
73.	EN ISO 13854:2019 Safety of machinery - Minimum gaps to avoid crushing of parts of the human body (ISO 13854:2017)	B
74.	EN ISO 13857:2019 Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2019)	B
75.	EN 1612:2019 Plastics and rubber machines - Reaction moulding machines and plants - Safety requirements	C
76.	EN ISO 3691-1:2015 Industrial trucks - Safety requirements and verification - Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks (ISO 3691-1:2011, including Cor 1:2013) EN ISO 3691-1:2015/AC:2016 EN ISO 3691-1:2015/A1:2020	C

77.	EN ISO 4254-11:2010 Agricultural machinery - Safety - Part 11: Pick-up balers (ISO 4254-11:2010) EN ISO 4254-11:2010/A1:2020	C
78.	EN ISO 5010:2019 Earth-moving machinery - Wheeled machines - Steering requirements (ISO 5010:2019)	C
79.	EN ISO 7096:2020 Earth-moving machinery - Laboratory evaluation of operator seat vibration (ISO 7096:2020)	C
80.	EN 12301:2019 Plastics and rubber machines - Calenders - Safety requirements	C
81.	EN 12965:2019 Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Safety	C
82.	EN 13525:2020 Forestry machinery - Wood chippers - Safety	C
83.	EN ISO 19085-9:2020 Woodworking machines - Safety - Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2019)	C
84.	EN ISO 19085-11:2020 Woodworking machines - Safety - Part 11: Combined machines (ISO 19085-11:2020)	C
85.	EN ISO 19085-13:2020 Woodworking machines - Safety - Part 13: Multi-blade rip sawing machines with manual loading and/or unloading (ISO 19085-13:2020)	C
86.	EN ISO 19432-1:2020 Building construction machinery and equipment - Portable, hand-held, internal combustion engine-driven abrasive cutting machines - Part 1: Safety requirements for cut-off machines for centre-mounted rotating abrasive wheels (ISO 19432-1:2020)	C
87.	EN ISO 20361:2019 Liquid pumps and pumps units - Noise test code - Grades 2 and 3 of accuracy (ISO 20361:2019) EN ISO 20361:2019/A11:2020	C
88.	EN ISO 21904-1:2020 Health and safety in welding and allied processes - Equipment for capture and separation of welding fume - Part 1: General requirements (ISO 21904-1:2020)	C
89.	EN 62745:2017 Safety of machinery - Requirements for cableless control systems of machinery (IEC 62745:2017) EN 62745:2017/A11:2020	B

90.	<p>EN 50636-2-107:2015</p> <p>Safety of household and similar appliances - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers (IEC 60335-2-107:2012, Modified)</p> <p>EN 50636-2-107:2015/A1:2018</p> <p>EN 50636-2-107:2015/A2:2020</p>	C
91.	<p>EN 62841-2-11:2016</p> <p>Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-11: Particular requirements for hand-held reciprocating saws (IEC 62841-2-11:2015, Modified)</p> <p>EN 62841-2-11:2016/A1:2020</p>	C
92.	<p>EN 62841-3-4:2016</p> <p>Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-4: Particular requirements for transportable bench grinders (IEC 62841-3-4:2016, Modified)</p> <p>EN 62841-3-4:2016/A11:2017</p> <p>EN 62841-3-4:2016/A12:2020</p> <p>EN 62841-3-4:2016/A1:2020</p>	C
93.	<p>EN IEC 62841-3-9:2020</p> <p>Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws (IEC 62841-3-9:2020)</p> <p>EN IEC 62841-3-9:2020/A11:2020</p>	C
94.	<p>EN 62841-4-1:2020</p> <p>Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-1: Particular requirements for chain saws (IEC 62841-4-1:2017, Modified)</p>	C

ANNEX II

In Annex III to Implementing Decision (EU) 2019/436, the following rows are added:

64.	EN 12301:2000+A1:2008 Plastics and rubber machines - Calenders - Safety requirements	3 September 2022	C
65.	EN 12643:2014 Earth-moving machinery - Rubber-tyred machines - Steering requirements (ISO 5010:1992, Modified)	3 September 2022	C
66.	EN 12965:2003+A2:2009 Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Safety	3 September 2022	C
67.	EN 1612-1:1997+A1:2008 Plastics and rubber machines - Reaction moulding machines - Part 1: Safety requirements for metering and mixing units	3 September 2022	C
68.	EN 1870-19:2013 Safety of woodworking machines - Circular sawing machines - Part 19: Circular saw benches (with and without sliding table) and building site saws	3 September 2022	C
69.	EN 1870-4:2012 Safety of woodworking machines - Circular sawing machines - Part 4: Multiblade rip sawing machines with manual loading and/or unloading	3 September 2022	C
70.	EN 349:1993+A1:2008 Safety of machinery - Minimum gaps to avoid crushing of parts of the human body	3 September 2022	B
71.	EN 574:1996+A1:2008 Safety of machinery - Two-hand control devices - Functional aspects - Principles for design	3 September 2022	B
72.	EN 50636-2-107:2015 Safety of household and similar appliances - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers (IEC 60335-2-107:2012, Modified) EN 50636-2-107:2015/A1:2018	3 September 2022	C
73.	EN 60745-2-13:2009 Hand-held motor-operated electric tools - Safety - Part 2-13: Particular requirements for chain saws (IEC 60745-2-13:2006, Modified) EN 60745-2-13:2009/A1:2010	3 September 2022	C
74.	EN 62841-2-11:2016 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-11: Particular requirements for hand-held reciprocating saws (IEC 62841-2-11:2015, Modified)	3 September 2022	C

75.	EN 62841-3-4:2016 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-4: Particular requirements for transportable bench grinders (IEC 62841-3-4:2016, Modified) EN 62841-3-4:2016/A11:2017	3 September 2022	C
76.	EN 62841-3-9:2015 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws (IEC 62841-3-9:2014, Modified) EN 62841-3-9:2015/AC:2016-09 EN 62841-3-9:2015/A11:2017	3 September 2022	C
77.	EN 940:2009+A1:2012 Safety of woodworking machines - Combined woodworking machines	3 September 2022	C
78.	EN ISO 11203:2009 Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions from the sound power level (ISO 11203:1995)	3 September 2022	B
79.	EN ISO 13857:2008 Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2008)	3 September 2022	B
80.	EN ISO 19432:2012 Building construction machinery and equipment - Portable, hand-held, internal combustion engine driven cut-off machines - Safety requirements (ISO 19432:2012)	3 September 2022	C
81.	EN ISO 20361:2015 Liquid pumps and pump units - Noise test code - Grades 2 and 3 of accuracy (ISO 20361:2015)	3 September 2022	C
82.	EN ISO 3691-1:2015 Industrial trucks - Safety requirements and verification - Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks (ISO 3691-1:2011, including Cor 1:2013) EN ISO 3691-1:2015/AC:2016	3 September 2022	C
83.	EN ISO 4254-11:2010 Agricultural machinery - Safety - Part 11: Pick-up balers (ISO 4254-11:2010)	3 September 2022	C
84.	EN ISO 7096:2008 Earth-moving machinery - Laboratory evaluation of operator seat vibration (ISO 7096:2000) EN ISO 7096:2008/AC:2009	3 September 2022	C
85.	EN ISO 15012-4:2016 Health and safety in welding and allied processes - Equipment for capture and separation of welding fume - Part 4: General requirements (ISO 15012-4:2016)	3 September 2022	C'