

► B **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)

Amended by:

							Official Journal		
							No	page	date
► <u>M1</u>	Commission	Implementing	Decision (EU)	2019/1680	of 7 October	L 257	47	8.10.2019	
► <u>M2</u>	Commission	Implementing	Decision (EU)	2019/1766	of 23 October	L 270	94	24.10.2019	
► <u>M3</u>	Commission	Implementing	Decision (EU)	2019/1863	of 6 November	L 286	25	7.11.2019	
► <u>M4</u>	Commission	Implementing	Decision (EU)	2020/480	of 1 April 2020	L 102	6	2.4.2020	
► <u>M5</u>	Commission	Implementing	Decision (EU)	2021/377	of 2 March 2021	L 72	12	3.3.2021	
► <u>M6</u>	Commission	Implementing	Decision (EU)	2021/1813	of 14 October	L 366	109	15.10.2021	

**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***Article 1*

The references of harmonised standards for machinery drafted in support of Directive 2006/42/EC listed in Annex I to this Decision are hereby published in the *Official Journal of the European Union*.

The references of harmonised standards drafted in support of Directive 2006/42/EC listed in Annex II to this Decision are hereby published in the *Official Journal of the European Union* with a restriction.

Article 2

The references of harmonised standards for machinery drafted in support of Directive 2006/42/EC listed in Annex III to this Decision are hereby withdrawn from the *Official Journal of the European Union* as from the dates set out in that Annex.

Article 3

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

▼B*ANNEX I*

No	Reference of the standard	Type
1.	EN ISO 14118:2018 Safety of machinery — Prevention of unexpected start-up (ISO 14118:2017)	B
2.	EN 1853:2017 Agricultural machinery — Trailers – Safety	C
3.	EN 1870-6:2017 Safety of woodworking machines — Circular sawing machines — Part 6: Circular sawing machines for fire wood	C
4.	EN ISO 4254-5:2018 Agricultural machinery — Safety — Part 5: Power-driven soil-working machines (ISO 4254-5:2018)	C
5.	EN ISO 4254-7:2017 Agricultural machinery — Safety — Part 7: Combine harvesters, forage harvesters, cotton harvesters and sugar cane harvesters (ISO 4254-7:2017)	C
6.	EN ISO 4254-8:2018 Agricultural machinery — Safety — Part 8: Solid fertilizer distributors (ISO 4254-8:2018)	C
7.	EN ISO 5395-1:2013 Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 1: Terminology and common tests (ISO 5395-1:2013) EN ISO 5395-1:2013/A1:2018	C
8.	EN ISO 5395-3:2013 Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 3: Ride-on lawnmowers with seated operator (ISO 5395-3:2013) EN ISO 5395-3:2013/A1:2017 EN ISO 5395-3:2013/A2:2018	C
9.	EN 12013:2018 Plastics and rubber machines — Internal mixers — Safety requirements	C
10.	EN 12999:2011+A2:2018 Cranes — Loader cranes	C
10a.	EN 12999:2020 Cranes - Loader cranes	C
11.	EN 13001-3-1:2012+A2:2018 Cranes — General Design — Part 3-1: Limit States and proof competence of steel structure	C
12.	EN 13001-3-6:2018 Cranes — General design — Part 3-6: Limit states and proof of competence of machinery — Hydraulic cylinders	C
13.	EN 13135:2013+A1:2018 Cranes — Safety — Design — Requirements for equipment	C
14.	EN 13684:2018 Garden equipment — Pedestrian controlled lawn aerators and scarifiers – Safety	C

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No	Reference of the standard	Type
15.	EN ISO 13766-2:2018 Earth-moving and building construction machinery — Electromagnetic compatibility (EMC) of machines with internal electrical power supply — Part 2: Additional EMC requirements for functional safety (ISO 13766-2:2018)	C
16.	EN 15194:2017 Cycles — Electrically power assisted cycles — EPAC Bicycles	C
17.	EN 15895:2011+A1:2018 Cartridge operated hand-held tools — Safety requirements — Fixing and hard marking tools	C
18.	EN ISO 16092-1:2018 Machine tools safety — Presses — Part 1: General safety requirements (ISO 16092-1:2017)	C
19.	EN ISO 16092-3:2018 Machine tools safety — Presses — Part 3: Safety requirements for hydraulic presses (ISO 16092-3:2017)	C
20.	EN 16719:2018 Transport platforms	C
21.	EN 16952:2018 Agricultural machinery — Rough-terrain Work Platforms for Orchard's operations (WPO) – Safety	C
22.	EN 17059:2018 Plating and anodizing lines — Safety requirements	C
23.	EN ISO 19085-4:2018 Woodworking machines — Safety — Part 4: Vertical panel circular sawing machines (ISO 19085-4:2018)	C
24.	EN ISO 19085-6:2017 Woodworking machines — Safety — Part 6: Single spindle vertical moulding machines ('toupies') (ISO 19085-6:2017)	C
25.	EN ISO 19085-8:2018 Woodworking machines — Safety — Part 8: Belt sanding and calibrating machines for straight workpieces (ISO 19085-8:2017)	C
26.	EN ISO 19225:2017 Underground mining machines — Mobile extracting machines at the face — Safety requirements for shearer loaders and plough systems (ISO 19225:2017)	C
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
27.	EN ISO 28927-2:2009 Hand-held portable power tools — Test methods for evaluation of vibration emission — Part 2: Wrenches, nutrunners and screwdrivers (ISO 28927-2:2009) EN ISO 28927-2:2009/A1:2017	C
28.	EN ISO/IEC 80079-38:2016 Explosive atmospheres — Part 38: Equipment and components in explosive atmospheres in underground mines (ISO/IEC 80079-38:2016) EN ISO/IEC 80079-38:2016/A1:2018	C

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No	Reference of the standard	Type
29.	EN 50569:2013 Household and similar electrical appliances — Safety — Particular requirements for commercial electric spin extractors EN 50569:2013/A1:2018	C
30.	EN 50570:2013 Household and similar electrical appliances — Safety — Particular requirements for commercial electric tumble dryers EN 50570:2013/A1:2018	C
31.	EN 50571:2013 Household and similar electrical appliances — Safety — Particular requirements for commercial electric washing machines EN 50571:2013/A1:2018	C
32.	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	C
33.	EN 60335-1:2012 Household and similar electrical appliances — Safety — Part 1: General requirements (IEC 60335-1:2010 Modified) EN 60335-1:2012/A11:2014 EN 60335-1:2012/A13:2017	C
34.	EN 60335-2-58:2005 Household and similar electrical appliances — Safety — Part 2-58: Particular requirements for commercial electric dishwashing machines (IEC 60335-2-58:2002 Modified) EN 60335-2-58:2005/A2:2015 EN 60335-2-58:2005/A12:2016	C
▼M4	35. EN 62841-2-1:2018 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-1: Particular requirements for hand-held drills and impact drills (IEC 62841-2-1:2017, Modified) EN 62841-2-1:2018/A11:2019	C
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36.	EN 62841-2-17:2017 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety — Part 2-17: Particular requirements for hand-held routers (IEC 62841-2-17:2017 Modified)	C
37.	EN 62841-3-1:2014 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety — Part 3-1: Particular requirements for transportable table saws (IEC 62841-3-1:2014, modified) EN 62841-3-1:2014/A11:2017	C
38.	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	C

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No	Reference of the standard	Type
39.	EN 62841-3-6:2014 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety — Part 3-6: Particular requirements for transportable diamond drills with liquid system (IEC 62841-3-6:2014, modified) EN 62841-3-6:2014/A11:2017	C
40.	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/A11:2017	C
41.	EN 62841-3-10:2015 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety — Part 3-10: Particular requirements for transportable cut-off machines (IEC 62841-3-10:2015 Modified) EN 62841-3-10:2015/A11:2017	C
42.	EN 62841-3-14:2017 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety — Part 3-14: Particular requirements for transportable drain cleaners (IEC 62841-3-14:2017 Modified)	C

▼ M4

43.	EN ISO 18497:2018 Agricultural machinery and tractors – Safety of highly automated agricultural machines – Principles for design (ISO 18497:2018)	B
44.	EN ISO 19353:2019 Safety of machinery – Fire prevention and fire protection (ISO 19353:2019)	B
45.	EN 707:2018 Agricultural machinery – Slurry tankers – Safety	C
46.	EN 1459-2:2015+A1:2018 Rough-terrain trucks – Safety requirements and verification – Part 2: Slewing variable-reach trucks	C
47.	EN ISO 3691-5:2015 Industrial trucks – Safety requirements and verification – Part 5: Pedestrian-propelled trucks (ISO 3691-5:2014)	C

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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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48.	EN ISO 4254-9:2018 Agricultural machinery – Safety – Part 9: Seed drills (ISO 4254-9:2018)	C
49.	EN ISO 10517:2019 Powered hand-held hedge trimmers – Safety (ISO 10517:2019)	C
50.	EN ISO 11148-13:2018 Hand-held non-electric power tools – Safety requirements – Part 13: Fastener driving tools (ISO 11148-13:2017)	C
51.	EN 12012-1:2018 Plastics and rubber machines – Size reduction machines – Part 1: Safety requirements for blade granulators and shredders	C

▼ **M4**

No	Reference of the standard	Type
52.	EN 12312-8:2018 Aircraft ground support equipment – Specific requirements – Part 8: Maintenance or service stairs and platforms	C
53.	EN 12733:2018 Agricultural and forestry machinery – Pedestrian controlled motor mowers – Safety	C
54.	EN 14033-4:2019 Railway applications – Track – Railbound construction and maintenance machines – Part 4: Technical requirements for running, travelling and working on urban rail	C
55.	EN 16712-4:2018 Portable equipment for projecting extinguishing agents supplied by firefighting pumps – Portable foam equipment – Part 4: High expansion foam generators PN16	C
56.	EN 16770:2018 Safety of woodworking machines – Chip and dust extraction systems for indoor installation – Safety requirements	C
57.	EN 16985:2018 Spray booths for organic coating material – Safety requirements	C
58.	EN 17067:2018 Forestry machinery – Safety requirements on radio remote controls	C
59.	EN ISO 19296:2018 Mining – Mobile machines working underground – Machine safety (ISO 19296:2018)	C
60.	EN ISO 28927-4:2010 Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 4: Straight grinders (ISO 28927-4:2010) EN ISO 28927-4:2010/A1:2018	C
61.	EN 60204-1:2018 Safety of machinery – Electrical equipment of machines – Part 1: General requirements (IEC 60204-1:2016, Modified)	B
62.	EN IEC 60204-11:2019 Safety of machinery – Electrical equipment of machines – Part 11: Requirements for equipment for voltages above 1 000 V AC or 1 500 V DC and not exceeding 36 kV (IEC 60204-11:2018)	B
63.	EN 62841-4-2:2019 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-2: Particular requirements for hedge trimmers (IEC 62841-4-2:2017, Modified)	C
64.	EN 62841-3-12:2019 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-12: Particular requirements for transportable threading machines (IEC 62841-3-12:2017)	C
65.	EN 62841-2-21:2019 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2-21: Particular requirements for hand-held drain cleaners (IEC 62841-2-21:2017, Modified)	C
66.	EN ISO 20607:2019 Safety of machinery – Instruction handbook – General drafting principles (ISO 20607:2019)	B

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No	Reference of the standard	Type
67.	EN ISO 19085-7:2019 Woodworking machines – Safety – Part 7: Surface planing, thickness planing, combined surface/thickness planing machines (ISO 19085-7:2019)	C
68.	EN 1114-3:2019 Plastics and rubber machines – Extruders and extrusion lines – Part 3: Safety requirements for haul-offs	C
69.	EN 1127-1:2019 Explosive atmospheres – Explosion prevention and protection – Part 1: Basic concepts and methodology	B

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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

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No	Reference of the standard	Type
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.	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 EN 50636-2-107:2015/A2:2020	C
91.	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) EN 62841-2-11:2016/A1:2020	C

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No	Reference of the standard	Type
92.	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 EN 62841-3-4:2016/A12:2020 EN 62841-3-4:2016/A1:2020	C
93.	EN IEC 62841-3-9:2020 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) EN IEC 62841-3-9:2020/A11:2020	C
94.	EN 62841-4-1:2020 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)	C

▼ **M6**

95.	EN 1837:2020 Safety of machinery - Integral lighting of machines	B
96.	EN ISO 11553-1:2020 Safety of machinery - Laser processing machines - Part 1: Laser safety requirements (ISO 11553-1:2020) EN ISO 11553-1:2020/A11:2020	B
97.	EN 81-40:2020 Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 40: Stairlifts and inclined lifting platforms intended for persons with impaired mobility	C
98.	EN 1175:2020 Safety of industrial trucks - Electrical/electronic requirements	C
99.	EN 1459-5:2020 Rough-terrain trucks - Safety requirements and verification - Part 5: Attachment interface	C
100.	EN 1804-1:2020 Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 1: Support units and general requirements	C
101.	EN 1804-2:2020 Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 2: Power set legs and rams	C
102.	EN 1804-3:2020 Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 3: Hydraulic and electro hydraulic control systems	C
103.	EN 1974:2020 Food processing machinery - Slicing machines - Safety and hygiene requirements	C
104.	EN 12312-3:2017+A1:2020 Aircraft ground support equipment - Specific requirements - Part 3: Conveyor belt vehicles	C

▼ **M6**

No	Reference of the standard	Type
105.	EN 12312-7:2020 Aircraft ground support equipment - Specific requirements - Part 7: Aircraft movement equipment	C
106.	EN 13586:2020 Cranes - Access	C
107.	EN 15011:2020 Cranes - Bridge and gantry cranes	C
108.	EN 15571:2020 Machines and plants for mining and tooling of natural stone - Safety - Requirements for surface-finishing machines	C
109.	EN ISO 16092-2:2020 Machine tools safety - Presses - Part 2: Safety requirement for mechanical presses (ISO 16092-2:2019)	C
110.	EN ISO 16092-4:2020 Machine tools safety - Presses - Part 4: Safety requirements for pneumatic presses (ISO 16092-4:2019)	C
111.	EN 16307-1:2020 Industrial trucks - Safety requirements and verification - Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks	C
112.	EN 16486:2014+A1:2020 Machines for compacting waste materials or recyclable fractions - Compactors - Safety requirements	C
113.	EN 16564:2020 Machines and plants for mining and tooling of natural stone - Safety - Requirements for bridge type sawing/milling machines, included numerical control (NC/CNC) versions	C
114.	EN 16808:2020 Petroleum, petrochemical and natural gas industries - Safety of machineries - Manual elevators	C
115.	EN 16851:2017+A1:2020 Cranes - Light crane systems	C
116.	EN ISO 19085-10:2019 Woodworking machines - Safety - Part 10: Building site saws (contractor saws) (ISO 19085-10:2018) EN ISO 19085-10:2019/A11:2020	C
117.	EN ISO 20430:2020 Plastics and rubber machines - Injection moulding machines - Safety requirements (ISO 20430:2020)	C
118.	EN IEC 62841-2-6:2020 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-6: Particular requirements for hand-held hammers (IEC 62841-2-6:2020, Modified) EN IEC 62841-2-6:2020/A11:2020	C

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ANNEX II

No	Reference of the standard	Type
▼ <u>M6</u>		
1.	EN 474-1:2006+A6:2019 Earth-moving machinery — Safety — Part 1: General requirements Notice: With regards to Annex B.2 – Quick couplers, the harmonised standard EN 474-1:2006+A6:2019 does not confer a presumption of conformity to the essential health and safety requirements 1.2.2 and 3.2.1 of Annex I to Directive 2006/42/EC when applied in combination with EN 474-4:2006+A2:2012 requirements for backhoe loaders and EN 474-5:2006+A3:2013 requirements for hydraulic excavators.	C
▼ <u>B</u>		
2.	EN 13241:2003+A2:2016 Industrial, commercial, garage doors and gates — Product standard, performance characteristics Notice: With regard to paragraphs 4.2.2, 4.2.6, 4.3.2, 4.3.3, 4.3.4, 4.3.6, this publication does not concern the reference to EN 12453:2000, the application of which does not confer a presumption of conformity to the essential health and safety requirements 1.3.7 and 1.4.3 of Annex I to Directive 2006/42/EC.	C
▼ <u>M2</u>		
3.	EN ISO 19085-3:2017 Woodworking machines – Safety requirements – Part 3: Numerically controlled (NC) boring and routing machines Notice: With regard to its point 6.6.2.2.3.1, the harmonised standard EN ISO 19085-3:2017 does not confer a presumption of conformity with the essential health and safety requirement set out in point 1.4.1 of Annex I to Directive 2006/42/EC, which requires that guards and protective devices must not be easy to by-pass.	C

▼ **M3***ANNEX III*

No	Reference of standard	Date of withdrawal	Type
1.	EN 1037:1995+A1:2008 Safety of machinery — Prevention of unexpected start-up	19 September 2020	B
2.	EN 474-1:2006+A4:2013 Earth-moving machinery — Safety — Part 1: General requirements Notice: This publication does not concern clause 5.8.1 Visibility — Operator's field of view of this standard, the application of which does not confer a presumption of conformity to the essential health and safety requirements 1.2.2 and 3.2.1 of Annex I to Directive 2006/42/EC.	19 September 2020	C
3.	EN 1853:1999+A1:2009 Agricultural machinery — Trailers with tipping body – Safety	19 September 2020	C
4.	EN 1870-6:2002+A1:2009 Safety of woodworking machines — Circular sawing machines — Part 6: Circular sawing machines for firewood and dual purpose circular sawing machines for firewood/circular saw benches, with manual loading and/or unloading	19 September 2020	C
5.	EN ISO 4254-5:2009 Agricultural machinery — Safety — Part 5: Power-driven soil-working machines (ISO 4254-5:2008)	19 September 2020	C
6.	EN ISO 4254-7:2009 Agricultural machinery — Safety — Part 7: Combine harvesters, forage harvesters and cotton harvesters (ISO 4254-7:2008)	19 September 2020	C
7.	EN 14017:2005+A2:2009 Agricultural and forestry machinery — Solid fertilizer distributors – Safety	19 September 2020	C
8.	EN ISO 5395-1:2013 Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 1: Terminology and common tests (ISO 5395-1:2013)	19 September 2020	C
9.	EN ISO 5395-3:2013 Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 3: Ride-on lawnmowers with seated operator (ISO 5395-3:2013) EN ISO 5395-3:2013/A1:2017	19 September 2020	C
10.	EN 12013:2000+A1:2008 Plastics and rubber machines — Internal mixers — Safety requirements	19 September 2020	C
11.	EN 12999:2011+A1:2012 Cranes — Loader cranes	19 September 2020	C
12.	EN 13001-3-1:2012+A1:2013 Cranes — General Design — Part 3-1: Limit States and proof competence of steel structure	19 September 2020	C

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No	Reference of standard	Date of withdrawal	Type
13.	EN 13135:2013 Cranes — Safety — Design — Requirements for equipment	19 September 2020	C
14.	EN 13684:2004+A3:2009 Garden equipment — Pedestrian controlled lawn aerators and scarifiers — Safety	19 September 2020	C
15.	EN 15895:2011 Cartridge operated hand-held tools — Safety requirements — Fixing and hard marking tools	19 September 2020	C
16.	EN 692:2005+A1:2009 Machine tools — Mechanical presses — Safety	19 September 2021	C
17.	EN 693:2001+A2:2011 Machine tools — Safety — Hydraulic presse	19 March 2021	C
18.	EN 13736:2003+A1:2009 Safety of machine tools — Pneumatic presses	19 September 2021	C
19.	EN 848-1:2007+A2:2012 Safety of woodworking machines — One side moulding machines with rotating tool — Part 1: Single spindle vertical moulding machines	19 September 2020	C
20.	EN 1710:2005+A1:2008 Equipment and components intended for use in potentially explosive atmospheres in underground mines	19 September 2020	C
21.	EN 50569:2013 Household and similar electrical appliances — Safety — Particular requirements for commercial electric spin extractors	12 January 2021	C
22.	EN 50570:2013 Household and similar electrical appliances — Safety — Particular requirements for commercial electric tumble dryers	12 January 2021	C
23.	EN 50571:2013 Household and similar electrical appliances — Safety — Particular requirements for commercial electric washing machines	12 January 2021	C
24.	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)	12 January 2020	C
25.	EN 60335-1:2012 Household and similar electrical appliances — Safety — Part 1: General requirements (IEC 60335-1:2010 Modified) EN 60335-1:2012/A11:2014	3 May 2020	C
26.	EN 60745-2-1:2010 Hand-held motor-operated electric tools — Safety — Part 2-1: Particular requirements for drills and impact drills (IEC 60745-2-1:2003 Modified + A1:2008)	19 January 2022	C

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No	Reference of standard	Date of withdrawal	Type
27.	EN 60745-2-17:2010 Hand-held motor-operated electric tools — Safety — Part 2-17: Particular requirements for routers and trimmers (IEC 60745-2-17:2010 Modified)	15 December 2021	C
28.	EN 62841-3-1:2014 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety — Part 3-1: Particular requirements for transportable table saws (IEC 62841-3-1:2014, modified)	19 October 2019	C
29.	EN 61029-2-4:2011 Safety of transportable motor-operated electric tools — Part 2-4: Particular requirements for bench grinders (IEC 61029-2-4:1993 Modified + A1:2001 Modified)	24 June 2020	C
30.	EN 62841-3-6:2014 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety — Part 3-6: Particular requirements for transportable diamond drills with liquid system (IEC 62841-3-6:2014, modified)	19 October 2019	C
31.	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)	15 November 2019	C
32.	EN 62841-3-10:2015 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety — Part 3-10: Particular requirements for transportable cut-off machines (IEC 62841-3-10:2015 Modified)	19 October 2019	C
33.	EN 13241:2003+A2:2016 Industrial, commercial, garage doors and gates — Product standard, performance characteristics	19 September 2020	C
34.	EN 786:1996+A2:2009 Garden equipment — Electrically powered walk- behind and hand-held lawn trimmers and lawn edge trimmers — Mechanical safety	19 September 2020	C
35.	EN 1870-14:2007+A2:2012 Safety of woodworking machines — Circular sawing machines — Part 14: Vertical panel sawing machines	19 September 2020	C
36.	EN 61496-1:2013 Safety of machinery — Electro-sensitive protective equipment — Part 1: General requirements and tests	19 September 2020	C
37.	EN ISO 11200:2014 Acoustics — Noise emitted by machinery and equipment — Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions	19 September 2020	B
38.	EN 1870-13:2007+A2:2012 Safety of woodworking machines — Circular sawing machines — Part 13: Horizontal beam panel sawing machines	19 September 2020	C

▼ **M3**

No	Reference of standard	Date of withdrawal	Type
▼ M4			
39.	EN ISO 28927-4:2010 Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 4: Straight grinders (ISO 28927-4:2010)	2 April 2020	C
40.	EN ISO 19353:2016 Safety of machinery – Fire prevention and fire protection (ISO 19353:2015)	2 October 2021	B
41.	EN 707:1999+A1:2009 Agricultural machinery – Slurry tankers – Safety	2 October 2021	C
42.	EN 792-13:2000+A1:2008 Hand-held non-electric power tools – Safety requirements – Part 13: Fastener driving tools	2 October 2021	C
43.	EN 1889-1:2011 Machines for underground mines – Mobile machines working underground – Safety – Part 1: Rubber tyred vehicles	2 October 2021	C
44.	EN ISO 3691-5:2014 Industrial trucks – Safety requirements and verification – Part 5: Pedestrian-propelled trucks (ISO 3691-5:2014) EN ISO 3691-5:2014/AC:2014	2 October 2021	C
45.	EN ISO 10517:2009 Powered hand-held hedge trimmers – Safety (ISO 10517:2009) EN ISO 10517:2009/A1:2013	2 October 2021	C
46.	EN 12012-1:2007+A1:2008 Plastics and rubber machines – Size reduction machines – Part 1: Safety requirements for blade granulators	2 October 2021	C
47.	EN 12012-3:2001+A1:2008 Plastics and rubber machines – Size reduction machines – Part 3: Safety requirements for shredders	2 October 2021	C
48.	EN 12312-8:2005+A1:2009 Aircraft ground support equipment – Specific requirements – Part 8: Maintenance stairs and platforms	2 October 2021	C
49.	EN 12733:2001+A1:2009 Agricultural and forestry machinery – Pedestrian controlled motor mowers – Safety	2 October 2021	C
50.	EN 12981:2005+A1:2009 Coating plants – Spray booths for application of organic powder coating material – Safety requirements	2 October 2021	C
51.	EN 13355:2004+A1:2009 Coating plants – Combined booths – Safety requirements	2 October 2021	C
52.	EN 14018:2005+A1:2009 Agricultural and forestry machinery – Seed drills – Safety	2 October 2021	C

▼ **M4**

No	Reference of standard	Date of withdrawal	Type
53.	EN 60204-1:2006 Safety of machinery – Electrical equipment of machines – Part 1: General requirements (IEC 60204-1:2005, Modified) EN 60204-1:2006/AC:2010 EN 60204-1:2006/A1:2009	2 October 2021	B
54.	EN 60204-11:2000 Safety of machinery – Electrical equipment of machines – Part 11: Requirements for HV equipment for voltages above 1 000 V a.c. or 1 500 V d.c. and not exceeding 36 kV (IEC 60204-11:2000) EN 60204-11:2000/AC:2010	2 October 2021	B
55.	EN 848-3:2012 Safety of woodworking machines – One side moulding machines with rotating tool – Part 3: Numerically controlled (NC) boring and routing machines	2 October 2021	C
56.	EN ISO 28927-2:2009 Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 2: Wrenches, nutrunners and screwdrivers (ISO 28927-2:2009)	2 October 2021	C
57.	EN 60745-2-21:2009 Hand-held motor-operated electric tools – Safety – Part 2-21: Particular requirements for drain cleaners (IEC 60745-2-21:2002, Modified) EN 60745-2-21:2009/A1:2010	2 October 2021	C
58.	EN 859:2007+A2:2012 Safety of woodworking machines – Hand fed surface planing machines	2 October 2021	C
59.	EN 860:2007+A2:2012 Safety of woodworking machines – One side thickness planing machines	2 October 2021	C
60.	EN 861:2007+A2:2012 Safety of woodworking machines – Surface planing and thicknessing machines	2 October 2021	C
61.	EN 1114-3:2001+A1:2008 Plastics and rubber machines – Extruders and extrusion lines – Part 3: Safety requirements for haul-offs	2 October 2021	C
62.	EN 1127-1:2011 Explosive atmospheres – Explosion prevention and protection – Part 1: Basic concepts and methodology	2 October 2021	B
63.	EN 1459-2:2015 Rough-terrain trucks – Safety requirements and verification – Part 2: Slewing variable-reach trucks	2 October 2021	C
▼ M5			
64.	EN 12301:2000+A1:2008 Plastics and rubber machines - Calenders - Safety requirements	3 September 2022	C

▼ **M5**

No	Reference of standard	Date of withdrawal	Type
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 May 2023	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

▼ **M6**▼ **M5**

▼ **M5**

No	Reference of standard	Date of withdrawal	Type
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
▼ M6			
86.	EN 1175-1:1998+A1:2010 Safety of industrial trucks - Electrical requirements - Part 1: General requirements for battery powered trucks	15 April 2023	C

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No	Reference of standard	Date of withdrawal	Type
87.	EN 1175-2:1998+A1:2010 Safety of industrial trucks - Electrical requirements - Part 2: General requirements of internal combustion engine powered trucks	15 April 2023	C
88.	EN 1175-3:1998+A1:2010 Safety of industrial trucks - Electrical requirements - Part 3: Specific requirements for the electric power transmission systems of internal combustion engine powered trucks	15 April 2023	C
89.	EN 12312-3:2017 Aircraft ground support equipment - Specific requirements - Part 3: Conveyor belt vehicles	15 April 2023	C
90.	EN 12312-7:2005+A1:2009 Aircraft ground support equipment - Specific requirements - Part 7: Air-craft movement equipment	15 April 2023	C
91.	EN 13411-1:2002+A1:2008 Terminations for steel wire ropes - Safety - Part 1: Thimbles for steel wire rope slings	15 April 2023	C
92.	EN 13411-2:2001+A1:2008 Terminations for steel wire ropes - Safety - Part 2: Splicing of eyes for wire rope slings	15 April 2023	C
93.	EN 13411-3:2004+A1:2008 Terminations for steel wire ropes - Safety - Part 3: Ferrules and ferrule-securing	15 April 2023	C
94.	EN 13411-4:2011 Terminations for steel wire ropes - Safety - Part 4: Metal and resin socketing	15 April 2023	C
95.	EN 13411-5:2003+A1:2008 Terminations for steel wire ropes - Safety - Part 5: U-bolt wire rope grips	15 April 2023	C
96.	EN 13411-6:2004+A1:2008 Terminations for steel wire ropes - Safety - Part 6: Asymmetric wedge socket	15 April 2023	C
97.	EN 13411-7:2006+A1:2008 Terminations for steel wire ropes - Safety - Part 7: Symmetric wedge socket	15 April 2023	C
98.	EN 13411-8:2011 Terminations for steel wire ropes - Safety - Part 8: Swage terminals and swaging	15 April 2023	C
99.	EN 13586:2004+A1:2008 Cranes - Access	15 April 2023	C
100.	EN 15011:2011+A1:2014 Cranes - Bridge and gantry cranes	15 April 2023	C

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No	Reference of standard	Date of withdrawal	Type
101.	EN 16307-1:2013+A1:2015 Industrial trucks - Safety requirements and verification - Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks	15 April 2023	C
102.	EN 16486:2014 Machines for compacting waste materials or recyclable fractions - Compactors - Safety requirements	15 April 2023	C
103.	EN 16851:2017 Cranes - Light crane systems	15 April 2023	C
104.	EN 1804-1:2001+A1:2010 Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 1: Support units and general requirements	15 April 2023	C
105.	EN 1804-2:2001+A1:2010 Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 2: Power set legs and rams	15 April 2023	C
106.	EN 1804-3:2006+A1:2010 Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 3: Hydraulic control systems	15 April 2023	C
107.	EN 1837:1999+A1:2009 Safety of machinery - Integral lighting of machines	15 April 2023	B
108.	EN 1974:1998+A1:2009 Food processing machinery - Slicing machines - Safety and hygiene requirements	15 April 2023	C
109.	EN 201:2009 Plastics and rubber machines - Injection moulding machines - Safety requirements	15 April 2023	C
110.	EN 60745-2-6:2010 Hand-held motor-operated electric tools - Safety - Part 2-6: Particular requirements for hammers (IEC 60745-2-6:2003, Modified, + A1:2006)	15 April 2023	C
111.	EN 81-40:2008 Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 40: Stairlifts and inclined lifting platforms intended for persons with impaired mobility	15 April 2023	C
112.	EN ISO 11553-1:2008 Safety of machinery - Laser processing machines - Part 1: General safety requirements (ISO 11553-1:2005)	15 April 2023	C
113.	EN ISO 3743-2:2009 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 3743-2:1994)	15 April 2023	B