



**▼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***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.

**▼M7**

The reference of harmonised standard EN 474-1:2006+A5:2018 for Earth-moving machinery drafted in support of Directive 2006/42/EC, listed in Annex IIA to this Decision, is hereby published with restriction in the *Official Journal of the European Union*. That reference shall be deemed to have been published in the *Official Journal of the European Union* for the period set out in that Annex.

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standards for machinery drafted in support of Directive 2006/42/EC listed in Annex III to this Decision are hereby withdrawn from the *Official Journal of the European Union* as from the dates set out in that Annex.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

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## ANNEX I

| No                         | Reference of the standard   | Type |
|----------------------------|---|------|
| 1.                         | EN ISO 14118:2018<br>Safety of machinery — Prevention of unexpected start-up (ISO 14118:2017)   | B    |
| 2.                         | EN 1853:2017<br>Agricultural machinery — Trailers – Safety  | C    |
| 3.                         | EN 1870-6:2017<br>Safety of woodworking machines — Circular sawing machines — Part 6: Circular sawing machines for fire wood  | C    |
| 4.                         | EN ISO 4254-5:2018<br>Agricultural machinery — Safety — Part 5: Power-driven soil-working machines (ISO 4254-5:2018)  | C    |
| 5.                         | EN ISO 4254-7:2017<br>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<br>Agricultural machinery — Safety — Part 8: Solid fertilizer distributors (ISO 4254-8:2018)   | C    |
| 7.                         | EN ISO 5395-1:2013<br>Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 1: Terminology and common tests (ISO 5395-1:2013)<br>EN ISO 5395-1:2013/A1:2018  | C    |
| 8.                         | EN ISO 5395-3:2013<br>Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 3: Ride-on lawnmowers with seated operator (ISO 5395-3:2013)<br>EN ISO 5395-3:2013/A1:2017<br>EN ISO 5395-3:2013/A2:2018 | C    |
| 9.                         | EN 12013:2018<br>Plastics and rubber machines — Internal mixers — Safety requirements   | C    |
| <b>▼<u>M6</u></b><br>_____ |   |      |
| 10a.                       | EN 12999:2020<br>Cranes - Loader cranes   | C    |
| <b>▼<u>B</u></b>           |   |      |
| 11.                        | EN 13001-3-1:2012+A2:2018<br>Cranes — General Design — Part 3-1: Limit States and proof competence of steel structure   | C    |
| <b>▼<u>M7</u></b><br>_____ |   |      |
| 12a.                       | EN 13001-3-6:2018+A1:2021<br>Cranes – General design – Part 3-6: Limit states and proof of competence of machinery – Hydraulic cylinders  | C    |
| <b>▼<u>B</u></b>           |   |      |
| 13.                        | EN 13135:2013+A1:2018<br>Cranes — Safety — Design — Requirements for equipment  | C    |
| 14.                        | EN 13684:2018<br>Garden equipment — Pedestrian controlled lawn aerators and scarifiers – Safety   | C    |

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| No  | Reference of the standard  | Type |
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| 15. | EN ISO 13766-2:2018<br>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    |

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| 17. | EN 15895:2011+A1:2018<br>Cartridge operated hand-held tools — Safety requirements — Fixing and hard marking tools                               | C |
| 18. | EN ISO 16092-1:2018<br>Machine tools safety — Presses — Part 1: General safety requirements (ISO 16092-1:2017)                                  | C |
| 19. | EN ISO 16092-3:2018<br>Machine tools safety — Presses — Part 3: Safety requirements for hydraulic presses (ISO 16092-3:2017)                    | C |
| 20. | EN 16719:2018<br>Transport platforms  | C |
| 21. | EN 16952:2018<br>Agricultural machinery — Rough-terrain Work Platforms for Orchard's operations (WPO) – Safety                                  | C |
| 22. | EN 17059:2018<br>Plating and anodizing lines — Safety requirements  | C |
| 23. | EN ISO 19085-4:2018<br>Woodworking machines — Safety — Part 4: Vertical panel circular sawing machines (ISO 19085-4:2018)                       | C |
| 24. | EN ISO 19085-6:2017<br>Woodworking machines — Safety — Part 6: Single spindle vertical moulding machines ('toupies') (ISO 19085-6:2017)         | C |
| 25. | EN ISO 19085-8:2018<br>Woodworking machines — Safety — Part 8: Belt sanding and calibrating machines for straight workpieces (ISO 19085-8:2017) | C |

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| 26a.  | EN ISO 19225:2017<br>Underground mining machines - Mobile extracting machines at the face - Safety requirements for shearer loaders and plough systems (ISO 19225:2017)<br>EN ISO 19225:2017/A1:2019 | C |

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| 27. | EN ISO 28927-2:2009<br>Hand-held portable power tools — Test methods for evaluation of vibration emission — Part 2: Wrenches, nutrunners and screwdrivers (ISO 28927-2:2009)<br>EN ISO 28927-2:2009/A1:2017 | C |
| 28. | EN ISO/IEC 80079-38:2016<br>Explosive atmospheres — Part 38: Equipment and components in explosive atmospheres in underground mines (ISO/IEC 80079-38:2016)<br>EN ISO/IEC 80079-38:2016/A1:2018             | C |

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| No          | Reference of the standard  | Type |
|-------------|--|------|
| 29.         | EN 50569:2013<br>Household and similar electrical appliances — Safety — Particular requirements for commercial electric spin extractors<br>EN 50569:2013/A1:2018   | C    |
| 30.         | EN 50570:2013<br>Household and similar electrical appliances — Safety — Particular requirements for commercial electric tumble dryers<br>EN 50570:2013/A1:2018   | C    |
| 31.         | EN 50571:2013<br>Household and similar electrical appliances — Safety — Particular requirements for commercial electric washing machines<br>EN 50571:2013/A1:2018  | C    |
| 32.         | EN 50636-2-107:2015<br>Safety of household and similar appliances — Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers (IEC 60335-2-107:2012 Modified)<br>EN 50636-2-107:2015/A1:2018   | C    |
| <b>▼ M7</b> |  |      |
| 33a.        | EN 60335-1:2012<br>Household and similar electrical appliances – Safety – Part 1: General requirements IEC 60335-1:2010 (Modified)<br>EN 60335-1:2012/AC:2014<br>EN 60335-1:2012/A11:2014<br>EN 60335-1:2012/A13:2017<br>EN 60335-1:2012/A15:2021                | C    |
| <b>▼ B</b>  |  |      |
| 34.         | EN 60335-2-58:2005<br>Household and similar electrical appliances — Safety — Part 2-58: Particular requirements for commercial electric dishwashing machines (IEC 60335-2-58:2002 Modified)<br>EN 60335-2-58:2005/A2:2015<br>EN 60335-2-58:2005/A12:2016         | C    |
| <b>▼ M4</b> |  |      |
| 35.         | EN 62841-2-1:2018<br>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)<br>EN 62841-2-1:2018/A11:2019 | C    |
| <b>▼ B</b>  |  |      |
| 36.         | EN 62841-2-17:2017<br>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<br>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)<br>EN 62841-3-1:2014/A11:2017           | C    |
| 38.         | EN 62841-3-4:2016<br>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)<br>EN 62841-3-4:2016/A11:2017        | C    |

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| No          | Reference of the standard   | Type |
|-------------|---|------|
| 39.         | EN 62841-3-6:2014<br>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)<br>EN 62841-3-6:2014/A11:2017 | C    |
| 40.         | EN 62841-3-9:2015<br>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)<br>EN 62841-3-9:2015/A11:2017                         | C    |
| 41.         | EN 62841-3-10:2015<br>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)<br>EN 62841-3-10:2015/A11:2017               | C    |
| 42.         | EN 62841-3-14:2017<br>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    |
| <b>▼ M4</b> |   |      |
| 43.         | EN ISO 18497:2018<br>Agricultural machinery and tractors – Safety of highly automated agricultural machines – Principles for design (ISO 18497:2018)  | B    |
| 44.         | EN ISO 19353:2019<br>Safety of machinery – Fire prevention and fire protection (ISO 19353:2019)   | B    |
| 45.         | EN 707:2018<br>Agricultural machinery – Slurry tankers – Safety   | C    |
| 46.         | EN 1459-2:2015+A1:2018<br>Rough-terrain trucks – Safety requirements and verification – Part 2: Slewing variable-reach trucks   | C    |
| <b>▼ M5</b> |   |      |
| 47a.        | EN ISO 3691-5:2015<br>Industrial trucks - Safety requirements and verification - Part 5: Pedestrian-propelled trucks (ISO 3691-5:2014)<br>EN ISO 3691-5:2015/A1:2020  | C    |
| <b>▼ M4</b> |   |      |
| 48.         | EN ISO 4254-9:2018<br>Agricultural machinery – Safety – Part 9: Seed drills (ISO 4254-9:2018)   | C    |
| 49.         | EN ISO 10517:2019<br>Powered hand-held hedge trimmers – Safety (ISO 10517:2019)   | C    |
| 50.         | EN ISO 11148-13:2018<br>Hand-held non-electric power tools – Safety requirements – Part 13: Fastener driving tools (ISO 11148-13:2017)  | C    |
| 51.         | EN 12012-1:2018<br>Plastics and rubber machines – Size reduction machines – Part 1: Safety requirements for blade granulators and shredders   | C    |

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| No  | Reference of the standard   | Type |
|-----|---|------|
| 52. | EN 12312-8:2018<br>Aircraft ground support equipment – Specific requirements – Part 8: Maintenance or service stairs and platforms  | C    |
| 53. | EN 12733:2018<br>Agricultural and forestry machinery – Pedestrian controlled motor mowers – Safety  | C    |
| 54. | EN 14033-4:2019<br>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<br>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<br>Safety of woodworking machines – Chip and dust extraction systems for indoor installation – Safety requirements  | C    |
| 57. | EN 16985:2018<br>Spray booths for organic coating material – Safety requirements  | C    |
| 58. | EN 17067:2018<br>Forestry machinery – Safety requirements on radio remote controls  | C    |
| 59. | EN ISO 19296:2018<br>Mining – Mobile machines working underground – Machine safety (ISO 19296:2018)   | C    |
| 60. | EN ISO 28927-4:2010<br>Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 4: Straight grinders (ISO 28927-4:2010)<br>EN ISO 28927-4:2010/A1:2018                                     | C    |
| 61. | EN 60204-1:2018<br>Safety of machinery – Electrical equipment of machines – Part 1: General requirements (IEC 60204-1:2016, Modified)   | B    |
| 62. | EN IEC 60204-11:2019<br>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<br>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<br>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<br>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<br>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<br>Woodworking machines – Safety – Part 7: Surface planing, thickness planing, combined surface/thickness planing machines (ISO 19085-7:2019) | C    |
| 68. | EN 1114-3:2019<br>Plastics and rubber machines – Extruders and extrusion lines – Part 3: Safety requirements for haul-offs  | C    |
| 69. | EN 1127-1:2019<br>Explosive atmospheres – Explosion prevention and protection – Part 1: Basic concepts and methodology  | B    |

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| 70. | EN ISO 3743-2:2019<br>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<br>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)<br>EN ISO 11203:2009/A1:2020  | B |
| 72. | EN ISO 13851:2019<br>Safety of machinery - Two-hand control devices - Principles for design and selection (ISO 13851:2019)   | B |
| 73. | EN ISO 13854:2019<br>Safety of machinery - Minimum gaps to avoid crushing of parts of the human body (ISO 13854:2017)  | B |
| 74. | EN ISO 13857:2019<br>Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2019)  | B |
| 75. | EN 1612:2019<br>Plastics and rubber machines - Reaction moulding machines and plants - Safety requirements   | C |
| 76. | EN ISO 3691-1:2015<br>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)<br>EN ISO 3691-1:2015/AC:2016<br>EN ISO 3691-1:2015/A1:2020 | C |
| 77. | EN ISO 4254-11:2010<br>Agricultural machinery - Safety - Part 11: Pick-up balers (ISO 4254-11:2010)<br>EN ISO 4254-11:2010/A1:2020   | C |
| 78. | EN ISO 5010:2019<br>Earth-moving machinery - Wheeled machines - Steering requirements (ISO 5010:2019)  | C |
| 79. | EN ISO 7096:2020<br>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<br>Plastics and rubber machines - Calenders - Safety requirements  | C    |
| 81.         | EN 12965:2019<br>Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Safety   | C    |
| 82.         | EN 13525:2020<br>Forestry machinery - Wood chippers - Safety   | C    |
| 83.         | EN ISO 19085-9:2020<br>Woodworking machines - Safety - Part 9: Circular saw benches (with and without sliding table) (ISO 19085-9:2019)  | C    |
| 84.         | EN ISO 19085-11:2020<br>Woodworking machines - Safety - Part 11: Combined machines (ISO 19085-11:2020)   | C    |
| 85.         | EN ISO 19085-13:2020<br>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<br>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<br>Liquid pumps and pumps units - Noise test code - Grades 2 and 3 of accuracy (ISO 20361:2019)<br>EN ISO 20361:2019/A11:2020  | C    |
| 88.         | EN ISO 21904-1:2020<br>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<br>Safety of machinery - Requirements for cableless control systems of machinery (IEC 62745:2017)<br>EN 62745:2017/A11:2020  | B    |
| ▼ <u>M7</u> |  |      |
| 90a.        | EN 50636-2-107:2015<br>Safety of household and similar appliances – Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers IEC 60335-2-107:2012 (Modified)<br>EN 50636-2-107:2015/A1:2018<br>EN 50636-2-107:2015/A2:2020<br>EN 50636-2-107:2015/A3:2021 | C    |
| ▼ <u>M5</u> |  |      |
| 91.         | EN 62841-2-11:2016<br>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)<br>EN 62841-2-11:2016/A1:2020                          | C    |

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| No  | Reference of the standard   | Type |
|-----|---|------|
| 92. | EN 62841-3-4:2016<br>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)<br>EN 62841-3-4:2016/A11:2017<br>EN 62841-3-4:2016/A12:2020<br>EN 62841-3-4:2016/A1:2020 | C    |
| 93. | EN IEC 62841-3-9:2020<br>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)<br>EN IEC 62841-3-9:2020/A11:2020  | C    |
| 94. | EN 62841-4-1:2020<br>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**

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| 95.  | EN 1837:2020<br>Safety of machinery - Integral lighting of machines  | B |
| 96.  | EN ISO 11553-1:2020<br>Safety of machinery - Laser processing machines - Part 1: Laser safety requirements (ISO 11553-1:2020)<br>EN ISO 11553-1:2020/A11:2020  | B |
| 97.  | EN 81-40:2020<br>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<br>Safety of industrial trucks - Electrical/electronic requirements   | C |
| 99.  | EN 1459-5:2020<br>Rough-terrain trucks - Safety requirements and verification - Part 5: Attachment interface   | C |
| 100. | EN 1804-1:2020<br>Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 1: Support units and general requirements  | C |
| 101. | EN 1804-2:2020<br>Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 2: Power set legs and rams   | C |
| 102. | EN 1804-3:2020<br>Machines for underground mines - Safety requirements for hydraulic powered roof supports - Part 3: Hydraulic and electro hydraulic control systems   | C |
| 103. | EN 1974:2020<br>Food processing machinery - Slicing machines - Safety and hygiene requirements   | C |
| 104. | EN 12312-3:2017+A1:2020<br>Aircraft ground support equipment - Specific requirements - Part 3: Conveyor belt vehicles  | C |

▼ M6

| No          | Reference of the standard   | Type |
|-------------|---|------|
| 105.        | EN 12312-7:2020<br>Aircraft ground support equipment - Specific requirements - Part 7: Aircraft movement equipment  | C    |
| 106.        | EN 13586:2020<br>Cranes - Access  | C    |
| 107.        | EN 15011:2020<br>Cranes - Bridge and gantry cranes  | C    |
| 108.        | EN 15571:2020<br>Machines and plants for mining and tooling of natural stone - Safety - Requirements for surface-finishing machines   | C    |
| 109.        | EN ISO 16092-2:2020<br>Machine tools safety - Presses - Part 2: Safety requirement for mechanical presses (ISO 16092-2:2019)  | C    |
| 110.        | EN ISO 16092-4:2020<br>Machine tools safety - Presses - Part 4: Safety requirements for pneumatic presses (ISO 16092-4:2019)  | C    |
| 111.        | EN 16307-1:2020<br>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<br>Machines for compacting waste materials or recyclable fractions - Compactors - Safety requirements   | C    |
| 113.        | EN 16564:2020<br>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<br>Petroleum, petrochemical and natural gas industries - Safety of machineries - Manual elevators   | C    |
| 115.        | EN 16851:2017+A1:2020<br>Cranes - Light crane systems   | C    |
| 116.        | EN ISO 19085-10:2019<br>Woodworking machines - Safety - Part 10: Building site saws (contractor saws) (ISO 19085-10:2018)<br>EN ISO 19085-10:2019/A11:2020  | C    |
| 117.        | EN ISO 20430:2020<br>Plastics and rubber machines - Injection moulding machines - Safety requirements (ISO 20430:2020)  | C    |
| 118.        | EN IEC 62841-2-6:2020<br>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)<br>EN IEC 62841-2-6:2020/A11:2020                     | C    |
| ▼ <u>M7</u> |   |      |
| 119.        | EN ISO 11202:2010<br>Acoustics – Noise emitted by machinery and equipment – Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections (ISO 11202:2010)<br>EN ISO 11202:2010/A1:2021 | B    |

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| No   | Reference of the standard   | Type |
|------|---|------|
| 120. | EN 303-5:2021<br>Heating boilers – Part 5: Heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500 kW – Terminology, requirements, testing and marking | C    |
| 121. | EN 1501-1:2021<br>Refuse collection vehicles – General requirements and safety requirements – Part 1: Rear loaded refuse collection vehicles  | C    |
| 122. | EN 1501-2:2021<br>Refuse collection vehicles – General requirements and safety requirements – Part 2: Side loaded refuse collection vehicles  | C    |
| 123. | EN 1501-3:2021<br>Refuse collection vehicles – General requirements and safety requirements – Part 3: Front loaded refuse collection vehicles   | C    |
| 124. | EN 1501-5:2021<br>Refuse collection vehicles – General requirements and safety requirements – Part 5: Lifting devices for refuse collection vehicles  | C    |
| 125. | EN 1756-1:2021<br>Tail lifts – Platform lifts for mounting on wheeled vehicles – Safety requirements – Part 1: Tail lifts for goods   | C    |
| 126. | EN 1829-1:2021<br>High-pressure water jet machines – Safety requirements – Part 1: Machines   | C    |
| 127. | EN 12312-5:2021<br>Aircraft ground support equipment – Specific requirements – Part 5: Aircraft fuelling equipment  | C    |
| 128. | EN 12385-5:2021<br>Steel wire ropes – Safety – Part 5: Stranded ropes for lifts   | C    |
| 129. | EN 12609:2021<br>Truck mixers – Safety requirements   | C    |
| 130. | EN 13001-2:2021<br>Crane safety – General design – Part 2: Load actions   | C    |
| 131. | EN 13852-3:2021<br>Cranes – Offshore cranes – Part 3: Light offshore cranes   | C    |
| 132. | EN ISO 19085-1:2021<br>Woodworking machines – Safety – Part 1: Common requirements (ISO 19085-1:2021)   | C    |
| 133. | EN ISO 22868:2021<br>Forestry and gardening machinery – Noise test code for portable hand-held machines with internal combustion engine – Engineering method (Grade 2 accuracy) (ISO 22868:2021)    | C    |
| 134. | EN IEC 62061:2021<br>Safety of machinery – Functional safety of safety-related control systems IEC 62061:2021   | B    |

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## ANNEX II

| No                    | Reference of the standard  | Type |
|-----------------------|--|------|
| ▼ <u>M7</u><br><br>1. | EN 474-1:2006+A6:2019<br>Earth-moving machinery – Safety – Part 1: General requirements<br><b>Notice 1:</b> This publication does not concern clause 5.8.1 Visibility – Operator’s field of view of this standard, but only in relation with EN 474-5:2006+A3:2013 requirements for hydraulic excavators, 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.<br><b>Notice 2:</b> 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 1.1.2 b), 1.1.2 c) and 1.3.3 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><br><br>2.  | EN 13241:2003+A2:2016<br>Industrial, commercial, garage doors and gates — Product standard, performance characteristics<br><b>Notice:</b> 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><br><br>3. | EN ISO 19085-3:2017<br>Woodworking machines – Safety requirements – Part 3: Numerically controlled (NC) boring and routing machines<br><b>Notice:</b> 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    |
| ▼ <u>M8</u><br><br>4. | EN 15194:2017<br>Cycles – Electrically power assisted cycles – EPAC Bicycles<br><b>Notice 1:</b> Harmonised standard EN 15194:2017 does not confer a presumption of conformity with the essential health and safety requirements set out in points 1.5.5, 1.5.6 and 1.5.7 of Annex I to Directive 2006/42/EC, which require machinery to be designed and constructed to take into account the risks associated with extreme temperatures, fire and explosion.<br><b>Notice 2:</b> Harmonised standard EN 15194:2017 does not confer a presumption of conformity with the essential health and safety requirements set out in points 1.5.9 and 3.6.3.1 of Annex I to Directive 2006/42/EC, which require machinery to be designed and constructed to take into account the risks resulting from vibrations, and that machinery must be provided with the measurement of vibrations transmitted by the machinery to the operator of the machinery. | C    |

▼ M7

## ANNEX IIA

| No | Reference of the standard  | Type | From            | To               |
|----|--|------|-----------------|------------------|
| 1. | EN 474-1:2006+A5:2018<br>Earth-moving machinery – Safety – Part 1: General requirements<br><b>Notice:</b> This publication does not concern clause 5.8.1 Visibility – Operator’s field of view of this standard, but only in relation with EN 474-5:2006+A3:2013 requirements for hydraulic excavators, 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. | C    | 15 October 2021 | 11 October 2022. |

▼ M3

## ANNEX III

| No  | Reference of standard  | Date of withdrawal | Type |
|-----|--|--------------------|------|
| 1.  | EN 1037:1995+A1:2008<br>Safety of machinery — Prevention of unexpected start-up  | 19 September 2020  | B    |
| 2.  | EN 474-1:2006+A4:2013<br>Earth-moving machinery — Safety — Part 1: General requirements<br>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<br>Agricultural machinery — Trailers with tipping body – Safety   | 19 September 2020  | C    |
| 4.  | EN 1870-6:2002+A1:2009<br>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<br>Agricultural machinery — Safety — Part 5: Power-driven soil-working machines (ISO 4254-5:2008)   | 19 September 2020  | C    |
| 6.  | EN ISO 4254-7:2009<br>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<br>Agricultural and forestry machinery — Solid fertilizer distributors – Safety  | 19 September 2020  | C    |
| 8.  | EN ISO 5395-1:2013<br>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<br>Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 3: Ride-on lawnmowers with seated operator (ISO 5395-3:2013)<br>EN ISO 5395-3:2013/A1:2017  | 19 September 2020  | C    |
| 10. | EN 12013:2000+A1:2008<br>Plastics and rubber machines — Internal mixers — Safety requirements  | 19 September 2020  | C    |
| 11. | EN 12999:2011+A1:2012<br>Cranes — Loader cranes  | 19 September 2020  | C    |
| 12. | EN 13001-3-1:2012+A1:2013<br>Cranes — General Design — Part 3-1: Limit States and proof competence of steel structure  | 19 September 2020  | C    |

## ▼ M3

| No  | Reference of standard   | Date of withdrawal | Type |
|-----|---|--------------------|------|
| 13. | EN 13135:2013<br>Cranes — Safety — Design — Requirements for equipment  | 19 September 2020  | C    |
| 14. | EN 13684:2004+A3:2009<br>Garden equipment — Pedestrian controlled lawn aerators and scarifiers<br>– Safety  | 19 September 2020  | C    |
| 15. | EN 15895:2011<br>Cartridge operated hand-held tools — Safety requirements — Fixing<br>and hard marking tools  | 19 September 2020  | C    |
| 16. | EN 692:2005+A1:2009<br>Machine tools — Mechanical presses — Safety  | 19 September 2021  | C    |
| 17. | EN 693:2001+A2:2011<br>Machine tools — Safety — Hydraulic presse  | 19 March 2021      | C    |
| 18. | EN 13736:2003+A1:2009<br>Safety of machine tools — Pneumatic presses  | 19 September 2021  | C    |
| 19. | EN 848-1:2007+A2:2012<br>Safety of woodworking machines — One side moulding machines with<br>rotating tool — Part 1: Single spindle vertical moulding machines                                  | 19 September 2020  | C    |
| 20. | EN 1710:2005+A1:2008<br>Equipment and components intended for use in potentially explosive<br>atmospheres in underground mines  | 19 September 2020  | C    |
| 21. | EN 50569:2013<br>Household and similar electrical appliances — Safety — Particular<br>requirements for commercial electric spin extractors  | 12 January 2021    | C    |
| 22. | EN 50570:2013<br>Household and similar electrical appliances — Safety — Particular<br>requirements for commercial electric tumble dryers  | 12 January 2021    | C    |
| 23. | EN 50571:2013<br>Household and similar electrical appliances — Safety — Particular<br>requirements for commercial electric washing machines   | 12 January 2021    | C    |
| 24. | EN 50636-2-107:2015<br>Safety of household and similar appliances — Part 2-107: Particular<br>requirements for robotic battery powered electrical lawnmowers (IEC<br>60335-2-107:2012 Modified) | 12 January 2020    | C    |
| 25. | EN 60335-1:2012<br>Household and similar electrical appliances — Safety — Part 1:<br>General requirements (IEC 60335-1:2010 Modified)<br>EN 60335-1:2012/A11:2014                               | 3 May 2020         | C    |
| 26. | EN 60745-2-1:2010<br>Hand-held motor-operated electric tools — Safety — Part 2-1:<br>Particular requirements for drills and impact drills (IEC 60745-2-<br>1:2003 Modified + A1:2008)           | 19 January 2022    | C    |



## ▼ M3

| No  | Reference of standard   | Date of withdrawal | Type |
|-----|---|--------------------|------|
| 27. | EN 60745-2-17:2010<br>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<br>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<br>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<br>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<br>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<br>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<br>Industrial, commercial, garage doors and gates — Product standard, performance characteristics   | 19 September 2020  | C    |
| 34. | EN 786:1996+A2:2009<br>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<br>Safety of woodworking machines — Circular sawing machines — Part 14: Vertical panel sawing machines  | 19 September 2020  | C    |
| 36. | EN 61496-1:2013<br>Safety of machinery — Electro-sensitive protective equipment — Part 1: General requirements and tests  | 19 September 2020  | C    |
| 37. | EN ISO 11200:2014<br>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<br>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 |
|-------------|--|--------------------|------|
| ▼ <b>M4</b> |  |                    |      |
| 39.         | EN ISO 28927-4:2010<br>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<br>Safety of machinery – Fire prevention and fire protection (ISO 19353:2015)  | 2 October 2021     | B    |
| 41.         | EN 707:1999+A1:2009<br>Agricultural machinery – Slurry tankers – Safety  | 2 October 2021     | C    |
| 42.         | EN 792-13:2000+A1:2008<br>Hand-held non-electric power tools – Safety requirements – Part 13: Fastener driving tools   | 2 October 2021     | C    |
| 43.         | EN 1889-1:2011<br>Machines for underground mines – Mobile machines working underground – Safety – Part 1: Rubber tyred vehicles                                      | 2 October 2021     | C    |
| 44.         | EN ISO 3691-5:2014<br>Industrial trucks – Safety requirements and verification – Part 5: Pedestrian-propelled trucks (ISO 3691-5:2014)<br>EN ISO 3691-5:2014/AC:2014 | 2 October 2021     | C    |
| 45.         | EN ISO 10517:2009<br>Powered hand-held hedge trimmers – Safety (ISO 10517:2009)<br>EN ISO 10517:2009/A1:2013   | 2 October 2021     | C    |
| 46.         | EN 12012-1:2007+A1:2008<br>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<br>Plastics and rubber machines – Size reduction machines – Part 3: Safety requirements for shredders  | 2 October 2021     | C    |
| 48.         | EN 12312-8:2005+A1:2009<br>Aircraft ground support equipment – Specific requirements – Part 8: Maintenance stairs and platforms                                      | 2 October 2021     | C    |
| 49.         | EN 12733:2001+A1:2009<br>Agricultural and forestry machinery – Pedestrian controlled motor mowers – Safety   | 2 October 2021     | C    |
| 50.         | EN 12981:2005+A1:2009<br>Coating plants – Spray booths for application of organic powder coating material – Safety requirements                                      | 2 October 2021     | C    |
| 51.         | EN 13355:2004+A1:2009<br>Coating plants – Combined booths – Safety requirements  | 2 October 2021     | C    |
| 52.         | EN 14018:2005+A1:2009<br>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<br>Safety of machinery – Electrical equipment of machines – Part 1:<br>General requirements (IEC 60204-1:2005, Modified)<br>EN 60204-1:2006/AC:2010<br>EN 60204-1:2006/A1:2009  | 2 October 2021     | B    |
| 54.         | EN 60204-11:2000<br>Safety of machinery – Electrical equipment of machines – Part 11:<br>Requirements for HV equipment for voltages above 1 000 V a.c. or<br>1 500 V d.c. and not exceeding 36 kV (IEC 60204-11:2000)<br>EN 60204-11:2000/AC:2010 | 2 October 2021     | B    |
| 55.         | EN 848-3:2012<br>Safety of woodworking machines – One side moulding machines with<br>rotating tool – Part 3: Numerically controlled (NC) boring and routing<br>machines   | 2 October 2021     | C    |
| 56.         | EN ISO 28927-2:2009<br>Hand-held portable power tools – Test methods for evaluation of<br>vibration emission – Part 2: Wrenches, nutrunners and screwdrivers<br>(ISO 28927-2:2009)  | 2 October 2021     | C    |
| 57.         | EN 60745-2-21:2009<br>Hand-held motor-operated electric tools – Safety – Part 2-21: Particular<br>requirements for drain cleaners (IEC 60745-2-21:2002, Modified)<br>EN 60745-2-21:2009/A1:2010   | 2 October 2021     | C    |
| 58.         | EN 859:2007+A2:2012<br>Safety of woodworking machines – Hand fed surface planing machines   | 2 October 2021     | C    |
| 59.         | EN 860:2007+A2:2012<br>Safety of woodworking machines – One side thickness planing<br>machines  | 2 October 2021     | C    |
| 60.         | EN 861:2007+A2:2012<br>Safety of woodworking machines – Surface planing and thicknessing<br>machines  | 2 October 2021     | C    |
| 61.         | EN 1114-3:2001+A1:2008<br>Plastics and rubber machines – Extruders and extrusion lines – Part 3:<br>Safety requirements for haul-offs   | 2 October 2021     | C    |
| 62.         | EN 1127-1:2011<br>Explosive atmospheres – Explosion prevention and protection – Part 1:<br>Basic concepts and methodology   | 2 October 2021     | B    |
| 63.         | EN 1459-2:2015<br>Rough-terrain trucks – Safety requirements and verification – Part 2:<br>Slewing variable-reach trucks  | 2 October 2021     | C    |
| ▼ <b>M5</b> |   |                    |      |
| 64.         | EN 12301:2000+A1:2008<br>Plastics and rubber machines - Calenders - Safety requirements   | 3 September 2022   | C    |

▼ **M5**

| No          | Reference of standard  | Date of withdrawal | Type |
|-------------|--|--------------------|------|
| 65.         | EN 12643:2014<br>Earth-moving machinery - Rubber-tyred machines - Steering requirements (ISO 5010:1992, Modified)  | 3 September 2022   | C    |
| 66.         | EN 12965:2003+A2:2009<br>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<br>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<br>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<br>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<br>Safety of machinery - Minimum gaps to avoid crushing of parts of the human body   | 3 September 2022   | B    |
| 71          | EN 574:1996+A1:2008<br>Safety of machinery - Two-hand control devices - Functional aspects - Principles for design   | 3 September 2022   | B    |
| 72.         | EN 50636-2-107:2015<br>Safety of household and similar appliances - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers (IEC 60335-2-107:2012, Modified)<br>EN 50636-2-107:2015/A1:2018                                  | 3 September 2022   | C    |
| ▼ <b>M6</b> |  |                    |      |
| 73.         | EN 60745-2-13:2009<br>Hand-held motor-operated electric tools - Safety - Part 2-13: Particular requirements for chain saws (IEC 60745-2-13:2006, Modified)<br>EN 60745-2-13:2009/A1:2010   | 3 May 2023         | C    |
| ▼ <b>M5</b> |  |                    |      |
| 74.         | EN 62841-2-11:2016<br>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<br>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)<br>EN 62841-3-4:2016/A11:2017 | 3 September 2022   | C    |

▼ **M5**

| No          | Reference of standard  | Date of withdrawal | Type |
|-------------|--|--------------------|------|
| 76.         | EN 62841-3-9:2015<br>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)<br>EN 62841-3-9:2015/AC:2016-09<br>EN 62841-3-9:2015/A11:2017 | 3 September 2022   | C    |
| 77.         | EN 940:2009+A1:2012<br>Safety of woodworking machines - Combined woodworking machines  | 3 September 2022   | C    |
| 78.         | EN ISO 11203:2009<br>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<br>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<br>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<br>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<br>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)<br>EN ISO 3691-1:2015/AC:2016         | 3 September 2022   | C    |
| 83.         | EN ISO 4254-11:2010<br>Agricultural machinery - Safety - Part 11: Pick-up balers (ISO 4254-11:2010)  | 3 September 2022   | C    |
| 84.         | EN ISO 7096:2008<br>Earth-moving machinery - Laboratory evaluation of operator seat vibration (ISO 7096:2000)<br>EN ISO 7096:2008/AC:2009  | 3 September 2022   | C    |
| 85.         | EN ISO 15012-4:2016<br>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    |
| ▼ <b>M6</b> |  |                    |      |
| 86.         | EN 1175-1:1998+A1:2010<br>Safety of industrial trucks - Electrical requirements - Part 1: General requirements for battery powered trucks  | 15 April 2023      | C    |

▼ **M6**

| No   | Reference of standard  | Date of withdrawal | Type |
|------|--|--------------------|------|
| 87.  | EN 1175-2:1998+A1:2010<br>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<br>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<br>Aircraft ground support equipment - Specific requirements - Part 3: Conveyor belt vehicles  | 15 April 2023      | C    |
| 90.  | EN 12312-7:2005+A1:2009<br>Aircraft ground support equipment - Specific requirements - Part 7: Air-craft movement equipment  | 15 April 2023      | C    |
| 91.  | EN 13411-1:2002+A1:2008<br>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<br>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<br>Terminations for steel wire ropes - Safety - Part 3: Ferrules and ferrule-securing  | 15 April 2023      | C    |
| 94.  | EN 13411-4:2011<br>Terminations for steel wire ropes - Safety - Part 4: Metal and resin socketing  | 15 April 2023      | C    |
| 95.  | EN 13411-5:2003+A1:2008<br>Terminations for steel wire ropes - Safety - Part 5: U-bolt wire rope grips   | 15 April 2023      | C    |
| 96.  | EN 13411-6:2004+A1:2008<br>Terminations for steel wire ropes - Safety - Part 6: Asymmetric wedge socket  | 15 April 2023      | C    |
| 97.  | EN 13411-7:2006+A1:2008<br>Terminations for steel wire ropes - Safety - Part 7: Symmetric wedge socket   | 15 April 2023      | C    |
| 98.  | EN 13411-8:2011<br>Terminations for steel wire ropes - Safety - Part 8: Swage terminals and swaging  | 15 April 2023      | C    |
| 99.  | EN 13586:2004+A1:2008<br>Cranes - Access   | 15 April 2023      | C    |
| 100. | EN 15011:2011+A1:2014<br>Cranes - Bridge and gantry cranes   | 15 April 2023      | C    |

▼ **M6**

| No          | Reference of standard   | Date of withdrawal | Type |
|-------------|---|--------------------|------|
| 101.        | EN 16307-1:2013+A1:2015<br>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<br>Machines for compacting waste materials or recyclable fractions - Compactors - Safety requirements   | 15 April 2023      | C    |
| 103.        | EN 16851:2017<br>Cranes - Light crane systems   | 15 April 2023      | C    |
| 104.        | EN 1804-1:2001+A1:2010<br>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<br>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<br>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<br>Safety of machinery - Integral lighting of machines   | 15 April 2023      | B    |
| 108.        | EN 1974:1998+A1:2009<br>Food processing machinery - Slicing machines - Safety and hygiene requirements  | 15 April 2023      | C    |
| 109.        | EN 201:2009<br>Plastics and rubber machines - Injection moulding machines - Safety requirements   | 15 April 2023      | C    |
| 110.        | EN 60745-2-6:2010<br>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<br>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<br>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<br>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    |
| ▼ <b>M7</b> |   |                    |      |
| 114.        | EN 12312-5:2005+A1:2009<br>Aircraft ground support equipment – Specific requirements – Part 5: Aircraft fuelling equipment  | 11 October 2023    | C    |

## ▼M7

| No   | Reference of standard  | Date of withdrawal | Type |
|------|--|--------------------|------|
| 115. | EN 13001-2:2014<br>Crane safety – General design – Part 2: Load actions  | 11 October 2023    | C    |
| 116. | EN 1501-1:2011+A1:2015<br>Refuse collection vehicles – General requirements and safety requirements – Part 1: Rear loaded refuse collection vehicles   | 11 October 2023    | C    |
| 117. | EN 1501-2:2005+A1:2009<br>Refuse collection vehicles and associated lifting devices – General requirements and safety requirements – Part 2: Side loaded refuse collection vehicles  | 11 October 2023    | C    |
| 118. | EN 1501-3:2008<br>Refuse collection vehicles and their associated lifting devices – General requirements and safety requirements – Part 3: Front loaded refuse collection vehicles   | 11 October 2023    | C    |
| 119. | EN 1501-5:2011<br>Refuse collection vehicles – General requirements and safety requirements – Part 5: Lifting devices for refuse collection vehicles   | 11 October 2023    | C    |
| 120. | EN 1756-1:2001+A1:2008<br>Tail lifts – Platform lifts for mounting on wheeled vehicles – Safety requirements – Part 1: Tail lifts for goods  | 11 October 2023    | C    |
| 121. | EN 1829-1:2010<br>High pressure water jet machines – Safety requirements – Part 1: Machines  | 11 October 2023    | C    |
| 122. | EN 303-5:2012<br>Heating boilers – Part 5: Heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500 kW – Terminology, requirements, testing and marking  | 11 October 2023    | C    |
| 123. | EN 62061:2005<br>Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems IEC 62061:2005<br>EN 62061:2005/AC:2010<br>EN 62061:2005/A1:2013<br>EN 62061:2005/A2:2015        | 11 October 2023    | B    |
| 124. | EN ISO 11202:2010<br>Acoustics – Noise emitted by machinery and equipment – Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections (ISO 11202:2010) | 11 October 2023    | B    |
| 125. | EN ISO 19085-1:2017<br>Woodworking machines – Safety – Part 1: Common requirements (ISO 19085-1:2017)  | 11 October 2023    | C    |
| 126. | EN ISO 22868:2011<br>Forestry and gardening machinery – Noise test code for portable hand-held machines with internal combustion engine – Engineering method (Grade 2 accuracy) (ISO 22868:2011)   | 11 October 2023    | C    |