<u>WORK PROGRAMME</u> of General Directorate of Standardization - ALBANIA (Period 1 July to 31 December 2020)

Technical Committee No. 1

| No. | Standard Number | Standard Title |
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| 1. | EN ISO/IEC | Conformity assessment - Requirements for bodies providing |
| | 17021-2:2018 | audit and certification of management systems - Part 2: |
| | | Competence requirements for auditing and certification of |
| | | environmental management systems (ISO/IEC 17021-2:2016) |
| 2. | EN ISO/IEC | Conformity assessment - Requirements for bodies providing |
| | 17021-3:2018 | audit and certification of management systems - Part 3: |
| | | Competence requirements for auditing and certification of |
| | | quality management systems (ISO/IEC 17021-3:2017) |
| 3. | EN ISO/IEC | Conformity Assessment - General principles and requirements |
| | 17029:2019 | for validation and verification bodies (ISO/IEC 17029:2019) |
| 4. | EN ISO | Security and resilience - Business continuity management |
| | 22301:2019 | systems - Requirements (ISO 22301:2019) |

"Quality assurance and social responsibility", 4 standards

Technical Committee No. 3

"Electrical and electronical materials", 67 standards

| No. | Standard Number | Standard Title |
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| 1. | EN 17267:2019 | Energy measurement and monitoring plan - Design and |
| | | implementation - Principles for energy data collection |
| 2. | EN 50377-18-1:2019 | Connector sets and interconnect components to be used |
| | | in optical fibre communication systems - Product |
| | | specifications - Part 18-1: type 4+4x10.3125 Gb/s MPO |
| | | (QFSP) transceiver mated with an MPO connector |
| | | equipped with 12 fibre PPS ferrules terminated on EN |
| | | 60793-2-10 category A1a.3a or A1a.3b 50/125 micron |
| | | multimode fibre |
| 3. | EN 60127-5:2017 | Miniature fuses - Part 5: Guidelines for quality |
| | | assessment of miniature fuse-links |
| 4. | EN IEC 60309-5:2019 | Plugs, socket-outlets and couplers for industrial purposes |
| | | - Part 5: Dimensional compatibility and |
| | | interchangeability requirements for plugs, socket-outlets, |
| | | ship connectors and ship inlets for low-voltage shore |
| | | connection systems (LVSC) |

| 5. | EN IEC 60404-13:2018 | Magnetic materials - Part 13: Methods of measurement of resistivity, density and stacking factor of electrical steel strip and sheet |
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| 6. | EN 60570:2003/A2:2020 | Electrical supply track systems for luminaires |
| 7. | EN 60598-2- 22:2014/A1:2020 | Luminaires - Part 2-22: Particular requirements - Luminaires for emergency lighting |
| 8. | EN 60691:2016/A1:2019 | Thermal-links - Requirements and application guide |
| 9. | EN IEC 60794-1- 23:2019 | Optical fibre cables - Part 1-23: Generic specification - Basic optical cable test procedures - Cable element test methods |
| 10. | EN IEC 60794-2- 50:2020 | Optical fibre cables - Part 2-50: Indoor cables - Family specification for simplex and duplex cables for use in terminated cable assemblies |
| 11. | EN IEC 60966-1:2019 | Radio frequency and coaxial cable assemblies - Part 1: Generic specification - General requirements and test methods |
| 12. | EN 60968:2015/AC:2015 | Self-ballasted fluorescent lamps for general lighting services - Safety requirements |
| 13. | | Electromechanical switches for use in electrical and electronic equipment - Part 1: Generic specification |
| 14. | EN IEC 61058-2- 6:2019 | Switches for appliances - Part 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery |
| 15. | EN 61169-11:2017 | Radio-frequency connectors - Part 11: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 9,5 mm with threaded coupling - Characteristic impedance 50 Ω (type 4,1-9,5) |
| 16. | EN IEC 61280-4- 1:2019 | Fibre-optic communication subsystem test procedures - Part 4-1: Installed cabling plant - Multimode attenuation measurement |
| 17. | EN IEC 61281-1:2018 | Fibre optic communication subsystems - Part 1: Generic specification |
| 18. | EN 61290-4-1:2016 | Optical amplifiers - Test methods - Part 4-1: Gain transient parameters - Two-wavelength method |
| 19. | EN IEC 61290-4- 3:2018 | Optical amplifiers - Test methods - Part 4-3: Power transient parameters - Single channel optical amplifiers in output power control |
| 20. | | Optical amplifiers - Part 1: Generic specification |
| 21. | EN IEC 61300-2- 4:2019 | Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-4: Tests - Fibre or cable retention |
| 22. | EN IEC 61300-2- | Fibre optic interconnecting devices and passive |
| | 46:2019 | components - Basic test and measurement procedures - |

| | | Part 2-46: Tests - Damp heat, cyclic |
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| 23. | EN IEC 61300-3- 21:2019 | Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-21: Examinations and measurements - Switching |
| 24. | EN IEC 61300-3- 54:2019 | time Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-54: Examinations and measurements - Angular misalignment between ferrule bore axis and ferrule axis |
| 25. | EN 61347-2- | for cylindrical ferrules Lamp controlgear - Part 2-7: Particular requirements for |
| | 7:2012/A1:2019 | battery supplied electronic controlgear for emergency lighting (self-contained) |
| 26. | EN 61347-2- 11:2001/A1:2019 | Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires |
| 27. | EN 61753-121-2:2017 | Fibre optic interconnecting devices and passive components - Performance standard - Part 121-2: Simplex and duplex cords with single-mode fibre and cylindrical ferrule connectors for category C - Controlled environment |
| 28. | EN IEC 61754-7- 3:2019 | Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 7-3: Type MPO connector family - Two fibre rows 16 fibre wide |
| 29. | EN IEC 61755-6- 2:2018 | Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 6-2: Connection of 50 µm core diameter multimode physically contacting fibres - Non-angled for reference connector application, at wavelength of 850 nm using selected A1a fibre only |
| 30. | EN IEC 61757:2018 | Fibre optic sensors - Generic specification |
| 31. | EN IEC 61810-10:2019 | Electromechanical elementary relays - Part 10: Additional functional aspects and safety requirements for high-capacity relays |
| 32. | 4:2018 | Fibre optic interconnecting devices and passive components - Reliability - Part 9-4: High power qualification of passive optical components for environmental category C |
| 33. | EN 62035:2014/A1:2019 | Discharge lamps (excluding fluorescent lamps) - Safety specifications |
| 34. | EN IEC 62129-3:2019 | Calibration of wavelength/optical frequency measurement instruments - Part 3:Optical frequency meters internally referenced to a frequency comb |
| 35. | EN IEC 62148-1:2018 | Fibre optic active components and devices - Package and interface standards - Part 1: General and guidance |
| 36. | EN IEC 62148-19:2019 | Fibre optic active components and devices - Package and |

| | | interface standards - Part 19: Photonic chip scale package |
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| 37 | EN IEC 62149-10:2018 | Fibre optic active components and devices - Performance |
| 57. | LIVILLE 02149 10.2010 | standards - Part 10: Radio-over-fibre (RoF) transceivers |
| | | for mobile fronthaul |
| 20 | EN IEC 62275:2019 | |
| 50. | EN IEC 02275:2019 | Cable management systems - Cable ties for electrical |
| 20 | ENLIEC (229) | installations |
| 39. | | Digital addressable lighting interface - Part 104: General |
| | 104:2019 | requirements - Wireless and alternative wired system |
| | | components |
| 40. | | Digital addressable lighting interface - Part 332: |
| | 332:2018/AC:2019-12 | Particular requirements - Input devices - Feedback |
| 41. | | Obsolescence management |
| 42. | EN IEC 62961:2018 | Insulating liquids - Test methods for the determination of |
| | | interfacial tension of insulating liquids - Determination |
| | | with the ring method |
| 43. | EN IEC 62962:2019 | Particular requirements for load-shedding equipment |
| | | (LSE) |
| 44. | EN IEC 63012:2019 | Insulating liquids - Unused modified or blended esters for |
| | | electrotechnical applications |
| 45. | EN IEC 63013:2019 | LED packages - Long-term luminous and radiant flux |
| | | maintenance projection |
| 46. | EN IEC 63032:2018 | Fibre optic interconnecting devices and passive |
| | | components - Fibre optic tuneable bandpass filters - |
| | | Generic specification |
| 47. | IEC 60061- | Amendment 55 - Lamp caps and holders together with |
| | 2:1969/AMD55:2020 | gauges for the control of interchangeability and safety - |
| | | Part 2: Lampholders |
| 48. | IEC 60061- | Amendment 56 - Lamp caps and holders together with |
| | 2:1969/AMD56:2020 | gauges for the control of interchangeability and safety - |
| | | Part 2: Lampholders |
| 49. | IEC 60061- | Amendment 57 - Lamp caps and holders together with |
| | 3:1969/AMD57:2020 | gauges for the control of interchangeability and safety - |
| | | Part 3: Gauges |
| 50 | IEC 60061- | Amendment 58 - Lamp caps and holders together with |
| | 3:1969/AMD58:2020 | gauges for the control of interchangeability and safety - |
| | 0.1707/1 IIII 00.2020 | Part 3: Gauges |
| 51. | IEC 60317-27-1:2020 | Specifications for particular types of winding wires - Part |
| 51. | | 27-1: Paper tape covered round copper wire |
| 52. | IEC 60317-27-4:2020 | Specifications for particular types of winding wires - Part |
| 52. | 11.0 00517-27-4.2020 | 27-4: Paper tape covered rectangular aluminium wire |
| 53. | IEC 60317-61:2020 | Specifications for particular types of winding wires - Part |
| 55. | ILC 00517-01.2020 | 61: Polyester glass-fibre wound, resin or varnish |
| | | |
| | | impregnated, bare or enamelled rectangular copper wire, |
| 51 | IEC 60664 1-2020 | temperature index 180 |
| 54. | IEC 60664-1:2020 | Insulation coordination for equipment within low-voltage |
| | | supply systems - Part 1: Principles, requirements and |

| | | tests | |
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| 55. | IEC 60667-2:2020 | Vulcanized fibre for electrical purposes - Part 2: Methods of test | |
| 56. | IEC 60840:2020 | Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um= 36 kV) up to 150 kV (Um = 170 kV) - Test methods and | |
| | | requirements | |
| 57. | IEC 61196-1-119:2020 | Coaxial communication cables - Part 1-119: Electrical test methods - RF average power rating | |
| 58. | IEC 61196-6-2:2020 | Coaxial communication cables - Part 6-2: Detail | |
| 50. | ILC 01170-0-2.2020 | specification for 75-4 type CATV drop cables | |
| 59. | IEC 61196-6-3:2020 | Coaxial communication cables - Part 6-3: Detail | |
| 57. | 120 01190 0 5.2020 | specification for 75-5 type CATV drop cables | |
| 60. | IEC 61196-6-4:2020 | Coaxial communication cables - Part 6-4: Detail specification for 75-7 type CATV drop cables | |
| 61. | IEC 61169-61:2020 | Radio-frequency connectors - Part 61: Sectional | |
| 01. | ILC 01107-01.2020 | specification for RF coaxial connectors with 9.5 mm | |
| | | inner diameter of outer conductor with quick lock | |
| | | coupling series Q4.1-9.5 | |
| 62. | IEC 61169-63:2020 | Radio frequency connectors - Part 63: Sectional | |
| | | specification - RF coaxial connectors with inner diameter | |
| | | of outer conductor 6,5 mm (0,256 in) with bayonet lock - | |
| | | Characteristic impedance 75 ohms (type BNC75) | |
| 63. | IEC 61300-3-55:2020 | Fibre optic interconnecting devices and passive | |
| | | components - Basic test and measurement procedures - | |
| | | Part 3-55:Examinations and measurements - Polarisation | |
| | | extinction ratio and keying accuracy of polarisation | |
| 61 | IEC 62294-2020 | maintaining, passive, optical components | |
| 64. | IEC 62384:2020 | DC or AC supplied electronic controlgear for LED modules - Performance requirements | |
| 65. | IEC 62496-4-214:2020 | Optical circuit boards - Part 4-214: Interface standards - | |
| 05. | ILC 02490 4 214.2020 | Terminated waveguide OCB assembly using a single-row | |
| | | thirty-two-channel symmetric PMT connector | |
| 66. | IEC 62868-1:2020 | Organic light emitting diode (OLED) Light sources for | |
| | | general lighting - Safety - Part 1: General requirements | |
| | | and tests | |
| 67. | IEC 62893-4-1:2020 | Charging cables for electric vehicles of rated voltages up | |
| | | to and including 0,6/1 kV - Part 4-1: Cables for DC | |
| | | charging according to mode 4 of IEC 61851-1 - DC | |
| | | charging without use of a thermal management system | |

"Electrical and electronic devices", 38 standards

| No. | Standard Number | Standard Title |
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| | EN 50645:2017 | Ecodesign requirements for small power transformers |
| 2. | EN IEC 60034-2-3:2020 | Rotating electrical machines - Part 2-3: Specific test methods for determining losses and efficiency of |
| 3. | EN 60034-18- | converter-fed AC motors |
| 5. | 41:2014/A1:2019 | Rotating electrical machines - Part 18-41: Partial discharge free electrical insulation systems (Type I) used in rotating electrical machines fed from voltage converters - Qualification and quality control tests |
| 4. | EN IEC 60276:2019 | Carbon brushes, brush holders, commutators and slip- rings - Definitions and nomenclature |
| 5. | EN 60947- 2:2017/A1:2020 | Low-voltage switchgear and controlgear - Part 2: Circuit-breakers |
| 6. | EN IEC 60947-5-2:2020 | Low-voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements - Proximity switches |
| 7. | EN IEC 61191-1:2018 | Printed board assemblies - Part 1: Generic specification - Requirements for soldered electrical and electronic assemblies using surface mount and related assembly technologies |
| 8. | EN 61360-1:2017 | Standard data element types with associated classification scheme - Part 1: Definitions - Principles and methods |
| 9. | EN 61360-6:2017 | Standard data element types with associated classification scheme for electric components - Part 6: IEC Common Data Dictionary (IEC CDD) quality guidelines |
| 10. | EN 61400-12- 1:2017/AC:2019-12 | Wind energy generation systems - Part 12-1: Power performance measurement of electricity producing wind turbines |
| 11. | EN IEC 61439-7:2020 | Low-voltage switchgear and controlgear assemblies - Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicle charging stations |
| 12. | EN 61482-2:2020 | Live working - Protective clothing against the thermal hazards of an electric arc - Part 2: Requirements |
| 13. | EN IEC 61558-1:2019 | Safety of transformers, reactors, power supply units and combinations thereof - Part 1: General requirements and tests |
| 14. | EN IEC 61857-32:2019 | Electrical insulation systems - Procedures for thermal evaluation - Part 32: Multifactor evaluation with increased factors during diagnostic testing |
| 15. | EN 62026- 2:2013/A1:2019 | Low-voltage switchgear and controlgear - Controller- device interfaces (CDIs) - Part 2: Actuator sensor interface (AS-i) |
| 16. | EN IEC 62097:2019 | Hydraulic machines, radial and axial - Methodology |

| | | for performance transposition from model to prototype |
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| 17. | EN IEC 62364:2019 | Hydraulic machines - Guidelines for dealing with hydro-abrasive erosion in kaplan, francis and pelton |
| | | turbines |
| 18. | EN IEC 62984-1:2020 | High-temperature secondary batteries - Part 1: General requirements |
| 19. | EN IEC 62984-2:2020 | High-temperature secondary batteries - Part 2: Safety requirements and tests |
| 20. | EN IEC 63056:2020 | Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries for use in electrical energy storage systems |
| 21. | EN IEC 63057:2020 | Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium batteries for use in road vehicles not for the propulsion |
| 22. | EN IEC 63115-1:2020 | Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride cells and batteries for use in industrial applications - Part 1: Performance |
| 23. | EN IEC 81346-2:2019 | Industrial systems, installations and equipment and industrial products - Structuring principles and reference designations - Part 2: Classification of objects and codes for classes |
| 24. | IEC 60034-3:2020 | Rotating electrical machines - Part 3: Specific requirements for synchronous generators driven by steam turbines or combustion gas turbines and for synchronous compensators |
| 25. | IEC 60045-1:2020 | Steam turbines - Part 1: Specifications |
| 26. | IEC 60076-10-1:2016 | Power transformers - Part 10-1: Determination of sound levels - Application guide |
| 27. | IEC/IEEE 60076-16:2018 | Power transformers - Part 16: Transformers for wind turbine applications |
| 28. | IEC/TS 60076-20:2017 | Power transformers - Part 20: Energy efficiency |
| 29. | IEC 60076-22-7:2020 | Power transformers - Part 22-7: Power transformer and reactor fittings - Accessories and fittings |
| 30. | IEC/TS 60076-23:2018 | Power transformers - Part 23: DC magnetic bias suppression devices |
| 31. | IEC/TR 60076-26:2020 | Power transformers - Part 26: Functional requirements of insulating liquids for use in power transformers |
| 32. | IEC/IEEE 60076-57- 1202:2017 | Power transformers - Part 57-1202: Liquid immersed phase-shifting transformers |
| 33. | IEC/IEEE 60076-57- 129:2017 | Power transformers - Part 57-129: Transformers for HVDC applications |
| 34. | IEC 60086- 4:2019/ISH1:2020 | Interpretation sheet 1 - Primary batteries - Part 4: Safety of lithium batteries |

| 35. | IEC 60900:2018/COR2:2020 | Corrigendum 2 - Live working - Hand tools for use up to 1 000 V AC and 1 500 V DC |
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| 36. | IEC 61439-1:2020 | Low-voltage switchgear and controlgear assemblies - Part 1: General rules |
| 37. | IEC 61643-12:2020 | Low-voltage surge protective devices - Part 12: Surge protective devices connected to low-voltage power systems - Selection and application principles |
| 38. | IEC 61643-341:2020 | Components for low-voltage surge protection - Part 341: Performance requirements and test circuits for thyristor surge suppressors (TSS) |

"Technical safety and environment" 57 standards

| No. | Standard Number | Standard Title |
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| 1. 1 | EN 50518:2019 | Monitoring and Alarm Receiving Centre |
| 2. | EN 50614:2020 | Requirements for the preparing for re-use of |
| | | waste electrical and electronic equipment |
| 3. | CLC/TS 50703-1:2019 | Lightning Protection System Components |
| | | (LPSC) - Part 1: Testing requirements for |
| | | metal sheets' joints used in LPS |
| 4. | EN 50980-1:2019 | Remote alcohol monitoring devices - Test |
| | | methods and performance requirements - |
| | | Part 1: Instruments for assessment |
| | | programmes |
| 5. | EN IEC 60079-19:2019 | Explosive atmospheres - Part 19: |
| | | Equipment repair, overhaul and reclamation |
| 6. | EN 60335-2- | Household and similar electrical appliances |
| | 5:2015/A11:2019 | - Safety - Part 2-5: Particular requirements |
| | | for dishwashers |
| 7. | EN 60335-2- | Household and similar electrical appliances |
| | 6:2015/A1:2020 | - Safety - Part 2-6: Particular requirements |
| | | for stationary cooking ranges, hobs, ovens |
| | | and similar appliances |
| 8. | EN 60335-2- | Household and similar electrical appliances |
| | 6:2015/A11:2020 | - Safety - Part 2-6: Particular requirements |
| | | for stationary cooking ranges, hobs, ovens |
| | EN (0005 0 | and similar appliances |
| 9. | EN 60335-2- | Household and similar electrical appliances |
| | 17:2013/A1:2020 | - Safety - Part 2-17: Particular requirements |
| | | for blankets, pads, clothing and similar |
| 10 | EN 60225 2 | flexible heating appliances |
| 10. | EN 60335-2- | Household and similar electrical appliances |
| | 26:2003/A11:2020 | - Safety - Part 2-26: Particular requirements |
| | | for clocks |

| 11. | EN 60335-2- | Household and similar electrical appliances |
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| 11. | 27:2013/A1:2020 | |
| | 27.2015/A1.2020 | - Safety - Part 2-27: Particular requirements |
| | | for appliances for skin exposure to ultraviolet and infrared radiation |
| 12. | EN 60335-2- | |
| 12. | | Household and similar electrical appliances |
| | 27:2013/A2:2020 | - Safety - Part 2-27: Particular requirements |
| | | for appliances for skin exposure to |
| 12 | EN (0225-2 | ultraviolet and infrared radiation |
| 13. | EN 60335-2- | Household and similar electrical appliances |
| | 30:2009/A1:2020 | - Safety - Part 2-30: Particular requirements |
| 1.4 | EN (0225.2 | for room heaters |
| 14. | EN 60335-2- | Household and similar electrical appliances |
| | 35:2016/A1:2019 | - Safety - Part 2-35: Particular requirements |
| 1.5 | EN 60225 2 | for instantaneous water heaters |
| 15. | EN 60335-2- | Household and similar electrical appliances |
| | 47:2003/A2:2019 | - Safety - Part 2-47: Particular requirements |
| | | for commercial electric boiling pans |
| 16. | EN 60335-2- | Household and similar electrical appliances |
| | 48:2003/A2:2019 | - Safety - Part 2-48: Particular requirements |
| | | for commercial electric grillers and toasters |
| 17. | EN 60335-2- | Household and similar electrical appliances |
| | 49:2003/A2:2019 | - Safety - Part 2-49: Particular requirements |
| | | for commercial electric appliances for |
| | | keeping food and crockery warm |
| 18. | EN 60335-2- | Household and similar electrical appliances |
| | 61:2003/A11:2019 | - Safety - Part 2-61: Particular requirements |
| | | for thermal-storage room heaters |
| 19. | EN 60335-2- | Household and similar electrical appliances |
| | 78:2003/A11:2020 | - Safety - Part 2-78: Particular requirements |
| | | for outdoor barbecues |
| 20. | EN 60335-2- | Household and similar electrical appliances |
| | 82:2003/A2:2020 | - Safety - Part 2-82: Particular requirements |
| | | for amusement machines and personal |
| | | service machines |
| 21. | EN 60335-2- | Household and similar electrical appliances |
| | 84:2003/A2:2019 | - Safety - Part 2-84: Particular requirements |
| | | for toilets |
| 22. | EN 60335-2- | Household and similar electrical appliances |
| | 85:2003/A2:2020 | - Safety - Part 2-85: Particular requirements |
| | | for fabric steamers |
| 23. | EN IEC 60335-2-87:2020 | Household and similar electrical appliances |
| | | - Safety - Part 2-87: Particular requirements |
| | | for electrical animal-stunning equipment |
| 24. | EN 60335-2- | Household and similar electrical appliances |
| | 98:2003/A11:2019 | - Safety - Part 2-98: Particular requirements |
| | | for humidifiers |

| 25. | EN 60335-2- | Household and similar algotrical appliances |
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| 23. | LIN 00555-2- 105:2005/A2:2020 | Household and similar electrical appliances - Safety - Part 2-105: Particular |
| | 103.2003/A2.2020 | • |
| | | requirements for multifunctional shower cabinets |
| 26. | EN IEC 60601-2-31:2020 | Medical electrical equipment - Part 2-31: |
| 20. | | Particular requirements for the basic safety |
| | | and essential performance of external |
| | | cardiac pacemakers with internal power |
| | | source |
| 27. | EN 60601-2- | Medical electrical equipment - Part 2-43: |
| | 43:2010/A2:2020 | Particular requirements for the basic safety |
| | | and essential performance of X-ray |
| | | equipment for interventional procedures |
| 28. | EN 60601-2- | Medical electrical equipment - Part 2-65: |
| | 65:2013/A1:2020 | Particular requirements for the basic safety |
| | | and essential performance of dental intra- |
| | | oral X-ray equipment |
| 29. | EN IEC 60904-4:2019 | Photovoltaic devices - Part 4: Reference |
| | | solar devices - Procedures for establishing |
| | | calibration traceability |
| 30. | EN IEC 62115:2020 | Electric toys - Safety |
| 31. | EN IEC 62282-5- | Fuel cell technologies - Part 5-100: Portable |
| | 100:2018 | fuel cell power systems - Safety |
| 32. | EN 62282-6-200:2017 | Fuel cell technologies - Part 6-200: Micro |
| | | fuel cell power systems - Performance test |
| | | methods |
| 33. | EN IEC 62282-6- | Fuel cell technologies - Part 6-400: Micro |
| | 400:2019 | fuel cell power systems - Power and data |
| 24 | | interchangeability |
| 34. | EN IEC 62430:2019 | Environmentally conscious design (ECD) - |
| 25 | | Principles, requirements and guidance |
| 35. | EN IEC 62446-2:2020 | Photovoltaic (PV) systems - Requirements |
| | | for testing, documentation and maintenance |
| | | - Part 2: Grid connected systems - |
| 26 | ENI 62552 1 2020 | Maintenance of PV systems |
| 36. | EN 62552-1:2020 | Household refrigerating appliances - |
| | | Characteristics and test methods - Part 1: |
| 27 | EN 62552 2.2020 | General requirements |
| 37. | EN 62552-2:2020 | Household refrigerating appliances - Characteristics and test methods - Part 2: |
| | | Performance requirements |
| 38. | EN 62552-3:2020 | Household refrigerating appliances - |
| 50. | | Characteristics and test methods - Part 3: |
| | | Energy consumption and volume |
| 39. | EN IEC 62788-5-1:2020 | Measurement procedures for materials used |
| 57. | LINILC 02700-J-1.2020 | in photovoltaic modules - Part 5-1: Edge |
| | | In photovoltate modules - 1 art 5-1. Edge |

| | | seals - Suggested test methods for use with edge seal materials |
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| 40. | EN IEC 62788-6-2:2020 | Measurement procedures for materials used in photovoltaic modules - Part 6-2: General tests - Moisture permeation testing of polymeric materials |
| 41. | EN IEC 63008:2020 | Household and similar electrical appliances - Accessibility of control elements, doors, lids, drawers and handles |
| 42. | EN IEC 63078:2020 | Installations for electroheating and electromagnetic processing - Test methods for induction through-heating installations |
| 43. | EN IEC 80601-2-26:2020 | Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs |
| 44. | EN IEC 80601-2-49:2019 | Medical electrical equipment - Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitoring equipment |
| 45. | EN 80601-2- 58:2015/A1:2019 | Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery |
| 46. | EN IEC 80601-2-59:2019 | Medical electrical equipment - Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening |
| 47. | EN IEC 80601-2-60:2020 | Medical electrical equipment - Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment |
| 48. | IEC 60079- 1:2014/ISH1:2020 | Interpretation sheet 1 - Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d" |
| 49. | IEC/TS 60364-8-3:2020 | Low-voltage electrical installations - Part 8- 3 : Functional aspects - Operation of prosumer's electrical installations |
| 50. | IEC 60436:2015/AMD1:2020 | Amendment 1 - Electric dishwashers for household use - Methods for measuring the performance |
| 51. | IEC 60519-8:2020 | Safety in installations for electroheating and electromagnetic processing - Part 8: Particular requirements for electroslag |

| | | remelting furnaces |
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| 52. | IEC/TS 62257-12-1:2020 | Recommendations for renewable energy and hybrid systems for rural electrification - Part 12-1: Laboratory evaluation of lamps and lighting appliances for off-grid electricity systems |
| 53. | IEC 62282-2-100:2020 | Fuel cell technologies - Part 2-100: Fuel cell modules – Safety |
| 54. | IEC 62788-1- 6:2017/AMD1:2020 | Amendment 1 - Measurement procedures for materials used in photovoltaic modules - Part 1-6: Encapsulants - Test methods for determining the degree of cure in Ethylene- Vinyl Acetate |
| 55. | IEC 62788-1- 6:2017+AMD1:2020 | Measurement procedures for materials used in photovoltaic modules - Part 1-6: Encapsulants - Test methods for determining the degree of cure in Ethylene- Vinyl Acetate |
| 56. | IEC 62938:2020 | Photovoltaic (PV) modules - Non-uniform snow load testing |
| 57. | IEC/TR 63212:2020 | Harmonization of environmental performance criteria for electrical and electronic products - Feasibility study |

"Semiconductor materials and devices. Electromechanical components and mechanical structures for electronic devices", 26 standards

| No. | Standard Number | Standard Title |
|-----|--------------------|--|
| 1. | EN 50119:2020 | Railway applications - Fixed installations - Electric |
| | | traction overhead contact lines |
| 2. | EN | Railway applications - Communication, signalling and |
| | 50128:2011/A1:2020 | processing systems - Software for railway control and |
| | | protection systems |
| 3. | EN | Railway applications - Rolling stock - Protective |
| | 50153:2014/A2:2020 | provisions relating to electrical hazards |
| 4. | EN | Railway applications - Communication, signalling and |
| | 50159:2010/A1:2020 | processing systems - Safety-related communication in |
| | | transmission systems |
| 5. | EN | Railway applications - Supply voltages of traction |
| | 50163:2004/A2:2020 | systems |
| 6. | EN | Railway applications - Requirements for running |
| | 50553:2012/A2:2020 | capability in case of fire on board of rolling stock |
| 7. | EN 50641:2020 | Railway applications - Fixed installations - |
| | | Requirements for the validation of simulation tools used |

| | | for the design of electric traction power supply systems |
|-----|----------------------------------|--|
| 8. | EN IEC 60077-3:2019 | Railway applications - Electric equipment for rolling stock - Part 3: Electrotechnical components - Rules for DC circuit-breakers |
| 9. | EN IEC 60077-4:2019 | Railway applications - Electric equipment for rolling stock - Part 4: Electrotechnical components - Rules for AC circuit-breakers |
| 10. | EN IEC 60077-5:2019 | Railway applications - Electric equipment for rolling stock - Part 5: Electrotechnical components - Rules for HV fuses |
| 11. | EN IEC 60376:2018 | Specification of technical grade sulphur hexafluoride (SF6) and complementary gases to be used in its mixtures for use in electrical equipment |
| 12. | EN IEC 62024-2:2020 | High frequency inductive components - Electrical characteristics and measuring methods - Part 2: Rated current of inductors for DC-to-DC converters |
| 13. | EN IEC 62435-3:2020 | Electronic components - Long-term storage of electronic semiconductor devices - Part 3: Data |
| 14. | EN IEC 62610-6:2020 | Mechanical structures for electrical and electronic equipment - Thermal management for cabinets in accordance with IEC 60297 and IEC 60917 series - Part 6: Air recirculation and bypass of indoor cabinets |
| 15. | EN IEC 63093-2:2020 | Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 2: Pot-cores for use in telecommunications, power supply, and filter applications |
| 16. | EN IEC 63093-3:2020 | Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 3: Half pot-cores made of ferrite for inductive proximity switches |
| 17. | IEC 60050- 102:2007/AMD2:2020 | Amendment 2 - International Electrotechnical Vocabulary (IEV) - Part 102: Mathematics - General concepts and linear algebra |
| 18. | IEC 60050-561:2014 | International Electrotechnical Vocabulary (IEV) - Part 561: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection |
| 19. | 561:2014/AMD1:2016 | Amendment 1 - International Electrotechnical Vocabulary (IEV) - Part 561: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection |
| 20. | IEC 60050- 561:2014/AMD2:2020 | Amendment 2 - International Electrotechnical Vocabulary (IEV) - Part 561: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection |
| 21. | IEC 60974-10:2020 | Arc welding equipment - Part 10: Electromagnetic compatibility (EMC) requirements |

| 22. | IEC 61631:2020 | Test method for the mechanical strength of cores made of magnetic oxides |
|-----|--------------------------------|---|
| 23. | IEC 61969-1:2020 | Mechanical structures for electrical and electronic equipment - Outdoor enclosures - Part 1: Design guidelines |
| 24. | IEC 61992- 6:2006/AMD2:2020 | Amendment 2 - Railway applications - Fixed installations - DC switchgear - Part 6: DC switchgear assemblies |
| 25. | IEC 62973-2:2020 | Railway applications - Rolling stock - Batteries for auxiliary power supply systems - Part 2: Nickel Cadmium (NiCd) batteries |
| 26. | IEC 63182-1:2020 | Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 1: General specification |

"Measuring equipment. Testing techniques", 31 standards

| No. | Standard Number | Standard Title |
|-----|---------------------|--|
| 1. | EN 50676:2019 | Electrical equipment used for detection and concentration |
| | | measurement of refrigerant gases - Performance |
| | | requirements and test methods |
| 2. | EN 50678:2020 | General procedure for verifying the effectiveness of the |
| | | protective measures of electrical equipment after repair |
| 3. | EN | Industrial, scientific and medical equipment - Radio- |
| | 55011:2016/A11:2020 | frequency disturbance characteristics - Limits and |
| | | methods of measurement |
| 4. | EN 55014- | Electromagnetic compatibility - Requirements for |
| | 1:2017/A11:2020 | household appliances, electric tools and similar apparatus |
| | | - Part 1: Emission |
| 5. | EN IEC | Limits and methods of measurement of radio disturbance |
| | 55015:2019/A11:2020 | characteristics of electrical lighting and similar |
| | | equipment |
| 6. | EN 55016-1- | Specification for radio disturbance and immunity |
| | 3:2006/A2:2020 | measuring apparatus and methods - Part 1-3: Radio |
| | | disturbance and immunity measuring apparatus - |
| | | Ancillary equipment - Disturbance power |
| 7. | EN | Electromagnetic compatibility of multimedia equipment - |
| | 55032:2015/A11:2020 | Emission Requirements |
| 8. | EN 60068-2- | Environmental testing - Part 2-64: Tests - Test Fh: |
| | 64:2008/A1:2019 | Vibration, broadband random and guidance |
| 9. | EN IEC 60068-2- | Environmental testing - Part 2-82: Tests - Test Xw1: |
| | 82:2019 | Whisker test methods for components and parts used in |
| | | electronic assemblies |
| 10. | EN IEC 60118- | Electroacoustics - Hearing aids - Part 13: Requirements |

| | 13:2020 | and methods of measurement for electromagnetic |
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| | | immunity to mobile digital wireless devices |
| 11. | EN IEC 60512-28- 100:2019 | Connectors for electrical and electronic equipment - Tests and measurements - Part 28-100: Signal integrity tests up to 2 000 MHz - Tests 28a to 28g |
| 12. | EN IEC 60695-1- 12:2020 | Fire hazard testing - Part 1-12: Guidance for assessing the fire hazard of electrotechnical products - Fire safety engineering |
| 13. | EN 61000-4- 25:2002/A2:2020 | Electromagnetic compatibility (EMC) - Part 4-25: Testing and measurement techniques - HEMP immunity test methods for equipment and systems |
| 14. | EN IEC 61010-2- 010:2020 | Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-010: Particular requirements for laboratory equipment for the heating of materials |
| 15. | EN IEC 61010-2- 081:2020 | Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes |
| 16. | EN IEC 61125:2018 | Insulating liquids - Test methods for oxidation stability - Test method for evaluating the oxidation stability of insulating liquids in the delivered state |
| 17. | EN IEC 61326-3- 2:2018 | Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-2: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - Industrial applications with specified electromagnetic environment |
| 18. | EN IEC 62311:2020 | Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz) |
| 19. | EN IEC 62368-3:2020 | Audio/video, information and communication technology equipment - Part 3: Safety aspects for DC power transfer through communication cables and ports |
| 20. | EN IEC 63171-6:2020 | Connectors for electrical and electronic equipment - Part 6: Detail specification for 2-way and 4-way (data/power), shielded, free and fixed connectors for power and data transmission with frequencies up to 600 MHz. |
| 21. | CLC/ETSI/TR 103288:2016 | Electromagnetic compatibility and Radio spectrum Matters (ERM); Report of the CENELEC/ETSI Joint Working Group in response to the EC letter ENTRP/F5/DP/MM/entr.f5.(2013)43164 to the ESOs |
| 22. | IEC 60721-3-0:2020 | Classification of environmental conditions - Part 3-0: Classification of groups of environmental parameters and their severities - Introduction |
| | | then severifies introduction |

| | | many moment control and laboratory yes. Dort 2.040. |
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| | | measurement, control, and laboratory use - Part 2-040: |
| | | Particular requirements for sterilizers and washer- |
| | | disinfectors used to treat medical materials |
| 24. | CISPR/TR 29:2020 | Television broadcast receivers and associated equipment |
| | | - Immunity characteristics - Methods of objective picture |
| | | assessment |
| 25. | IEC 61000-4-11:2020 | Electromagnetic compatibility (EMC) - Part 4-11: |
| | | Testing and measurement techniques - Voltage dips, short |
| | | interruptions and voltage variations immunity tests for |
| | | equipment with input current up to 16 A per phase |
| 26. | IEC 61000-4- | Corrigendum 1 - Electromagnetic compatibility (EMC) - |
| | 11:2020/COR1:2020 | Part 4-11: Testing and measurement techniques - Voltage |
| | | dips, short interruptions and voltage variations immunity |
| | | tests for equipment with input current up to 16 A per |
| | | phase |
| 27. | IEC 62056-8-8:2020 | Electricity metering data exchange - The DLMS/COSEM |
| | | suite - Part 8-8: Communication profile for ISO/IEC |
| | | 14908 series networks |
| 28. | IEC/TS 62056-41:1998 | Electricity metering - Data exchange for meter reading, |
| | | tariff and load control - Part 41: Data exchange using |
| | | wide area networks: Public switched telephone network |
| | | (PSTN) with LINK+ protocol |
| 29. | IEC/TS 62153-4- | Amendment 1 - Metallic communication cable test |
| | 1:2014/AMD1:2020 | methods - Part 4-1: Electromagnetic compatibility (EMC) |
| | | - Introduction to electromagnetic (EMC) screening |
| | | measurements |
| 30. | IEC/TS 62153-4- | Metallic communication cable test methods - Part 4-1: |
| | 1:2014+A1:2020 | Electromagnetic compatibility (EMC) - Introduction to |
| | | electromagnetic (EMC) screening measurements |
| 31. | IEC 63045:2020 | Ultrasonics - Non-focusing short pressure pulse sources |
| | | including ballistic pressure pulse sources - Characteristics |
| | | of fields |
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"Technology of communication and information", 61 standards

| No. | Standard Number | Standard Title |
|-----|-------------------|--|
| 1. | EN 50083-2-4:2019 | Cable networks for television signals, sound signals and |
| | | interactive services - Part 2-4: Interference Mitigation |
| | | Filters operating in the 700 MHz and 800 MHz bands for |
| | | DTT reception |
| 2. | CLC/TR 50173-99- | Information technology - Implementation of BCT |
| | 2:2020 | applications using cabling in accordance with EN 50173-4 |
| 3. | CLC/TR 50174-99- | Information technology - Cabling installation - Part 99-2: |
| | 2:2020 | Mitigation and protection from electrical interference |

| 4. EN 50491- General requirements for Home and H | Puilding Floatronia |
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| | |
| 11:2015/A1:2020 Systems (HBES) and Building Auton | |
| Systems (BACS) - Part 11: Smart Me | 0 11 |
| Specifications - Simple External Con | |
| 5. EN 50600-2-2:2019 Information technology - Data centre | |
| infrastructures - Part 2-2: Power supp | ly and distribution |
| 6. EN 50600-2-3:2019 Information technology - Data centre | facilities and |
| infrastructures - Part 2-3: Environmen | ntal control |
| 7. EN IEC 60746-4:2019 Expression of performance of electro | chemical analyzers - |
| Part 4: Dissolved oxygen in water me | asured by |
| membrane-covered amperometric sen | |
| 8. EN IEC 61131- Programmable controllers - Part 10: H | |
| 10:2019 exchange format | r |
| 9. EN IEC 61158-1:2019 Industrial communication networks - | Fieldbus |
| specifications - Part 1: Overview and | |
| 61158 and IEC 61784 series | guidance for the file |
| 10. EN IEC 61158-3- Industrial communication networks - | Fieldbug |
| | |
| 25:2019 specifications - Part 3-25: Data-link la | ayer service |
| definition - Type 25 elements | T , 1 11 |
| 11. EN IEC 61158-4- Industrial communication networks - | |
| 25:2019 specifications - Part 4-25: Data-link la | ayer protocol |
| specification - Type 25 elements | |
| 12. EN IEC 61158-5- Industrial communication networks - | |
| 26:2019 specifications - Part 5-26: Application | n layer service |
| definition - Type 26 elements | |
| 13. EN IEC 61158-6- Industrial communication networks - | Fieldbus |
| 10:2019 specifications - Part 6-10: Application | n layer protocol |
| specification - Type 10 elements | |
| 14. EN IEC 61207-2:2019 Expression of performance of gas ana | lyzers - Part 2: |
| Measuring oxygen in gas utilizing hig | |
| electrochemical sensors | 1 |
| 15. EN IEC 61784-1:2019 Industrial communication networks - | Profiles - Part 1: |
| Fieldbus profiles | |
| 16. EN IEC 61784-2:2019 Industrial communication networks - | Profiles - Part 2: |
| Additional fieldbus profiles for real-ti | |
| on ISO/IEC/IEEE 8802-3 | |
| 17. EN IEC 61784-5- Industrial communication networks - | Profiles - Part 5-3. |
| 3:2018 Installation of fieldbuses - Installation | |
| 18. EN IEC 61804-2:2018 Function blocks (FB) for process con | |
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| device description language (EDDL) | - 1 alt 2. |
| Specification of FB concept | - f |
| 19. EN 61850-7- Communication networks and system | 1 1 |
| 2:2010/A1:2020 automation - Part 7-2: Basic informat | ion and |
| | |
| communication structure - Abstract c | |
| | ommunication |

| | 3:2011/A1:2020 | automation - Part 7-3: Basic communication structure - |
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| | 5:2011/A1:2020 | Common data classes |
| 21. | EN 61850-7- | Communication networks and systems for power utility |
| 21. | 4:2010/A1:2020 | automation - Part 7-4: Basic communication structure - |
| | 4.2010/111.2020 | Compatible logical node classes and data object classes |
| 22. | EN 61850-8- | Communication networks and systems for power utility |
| 22. | 1:2011/A1:2020 | automation - Part 8-1: Specific communication service |
| | 1.2011/A1.2020 | 1 |
| | | mapping (SCSM) - Mappings to MMS (ISO 9506-1 and |
| - 22 | EN IEO (1050 0 | ISO 9506-2) and to ISO/IEC 8802-3 |
| 23. | | Communication networks and systems for power utility |
| | 2:2019 | automation - Part 8-2: Specific Communication Service |
| | | Mapping (SCSM) - Mapping to Extensible Messaging |
| | | Presence Protocol (XMPP) |
| 24. | EN 61850-9- | Communication networks and systems for power utility |
| | 2:2011/A1:2020 | automation - Part 9-2: Specific communication service |
| | | mapping (SCSM) - Sampled values over ISO/IEC 8802-3 |
| 25. | EN IEC 61970- | Energy management system application program interface |
| | 302:2018 | (EMS-API) - Part 302: Common information model (CIM) |
| | | dynamics |
| 26. | EN 61970- | Energy management system application program interface |
| | 453:2014/A1:2019 | (EMS-API) - Part 453: Diagram layout profile |
| 27. | EN IEC 61970- | Energy management system application program interface |
| | 456:2018 | (EMS-API) - Part 456: Solved power system state profiles |
| 28. | EN IEC 61987- | Industrial-process measurement and control - Data |
| | 92:2018 | structures and elements in process equipment catalogues - |
| | | Part 92: Lists of properties (LOP) of measuring equipment |
| | | for electronic data exchange - Aspect LOPs |
| 29. | EN IEC 62087-7:2019 | Audio, video, and related equipment - Methods of |
| | | measurement for power consumption Part 7: Computer |
| | | monitors |
| 30. | | Framework for energy market communications - Part 301: |
| | 301:2018 | Common information model (CIM) extensions for markets |
| 31. | | Framework for energy market communications - Part 451- |
| | 6:2018 | 6: Publication of information on market, contextual and |
| | | assembly models for European-style markets |
| 32. | EN IEC 62351-4:2018 | Power systems management and associated information |
| | | exchange - Data and communications security - Part 4: |
| | | Profiles including MMS and derivatives |
| 33. | EN IEC 62439-3:2018 | Industrial communication networks - High availability |
| | | automation networks - Part 3: Parallel Redundancy |
| | | Protocol (PRP) and High-availability Seamless |
| | | Redundancy (HSR) |
| 34. | EN IEC 62439-5:2018 | Industrial communication networks - High availability |
| | | automation networks - Part 5: Beacon Redundancy |
| | | Protocol (BRP) |
| 35. | EN IEC 62443-2- | Security for industrial automation and control systems - |
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| | 4:2019 | Part 2-4: Security program requirements for IACS service providers |
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| 36. | EN IEC 62443-4- 1:2018 | Security for industrial automation and control systems - Part 4-1: Secure product development lifecycle requirements |
| 37. | EN IEC 62443-4- 2:2019 | Security for industrial automation and control systems - Part 4-2: Technical security requirements for IACS components |
| 38. | CLC IEC/TR 62453- 52-150:2019 | Field device tool (FDT) interface specification - Part 52- 150: Communication implementation for common language infrastructure - IEC 61784 CPF 15 |
| 39. | EN IEC 62828-1:2018 | Reference conditions and procedures for testing industrial and process measurement transmitters - Part 1: General procedures for all types of transmitters |
| 40. | EN IEC 62828-2:2018 | Reference conditions and procedures for testing industrial and process measurement transmitters - Part 2: Specific procedures for pressure transmitters |
| 41. | EN IEC 62828-3:2018 | Reference conditions and procedures for testing industrial and process measurement transmitters - Part 3: Specific procedures for temperature transmitters |
| 42. | EN IEC 62881:2018 | Cause and Effect Matrix |
| 43. | | Wireless power transfer (WPT) - Glossary of terms |
| 44. | EN IEC 63033-3:2019 | Car multimedia systems and equipment - Drive monitoring system - Part 3: Measurement methods |
| 45. | EN IEC 63044-5- 1:2019 | Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-1: EMC requirements, conditions and test set-up |
| 46. | EN IEC 63044-5- 2:2019 | Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-2: EMC requirements for HBES/BACS used in residential, commercial and light-industrial environments |
| 47. | EN IEC 63044-5- 3:2019 | Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-3: EMC requirements for HBES/BACS used in industrial environments |
| 48. | ISO/IEC 7816-4:2020 | Identification cards - Integrated circuit cards - Part 4: Organization, security and commands for interchange |
| 49. | ISO/IEC/IEEE 12207:2017 | Systems and software engineering - Software life cycle processes |
| 50. | ISO/IEC/IEEE 15289:2019 | Systems and software engineering - Content of life-cycle information items (documentation) |
| 51. | ISO/IEC/IEEE 15939:2017 | Systems and software engineering - Measurement process |
| 52. | IEC/TS 61850-2:2019 | Communication networks and systems for power utility automation - Part 2: Glossary |
| 53. | IEC 61850-7- | Amendment 1 - Communication networks and systems for |

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| | 2:2010/AMD1:2020 | power utility automation - Part 7-2: Basic information and communication structure - Abstract communication |
| | | service interface (ACSI) |
| 54. | IEC 61850-7- | Amendment 1 - Communication networks and systems for |
| | 3:2010/AMD1:2020 | power utility automation - Part 7-3: Basic communication structure - Common data classes |
| 55. | IEC 61850-7- | Amendment 1 - Communication networks and systems for |
| | 4:2010/AMD1:2020 | power utility automation - Part 7-4: Basic communication |
| | | structure - Compatible logical node classes and data object |
| | | classes |
| 56. | IEC/TR 61850-7- | Communication networks and systems for power utility |
| | 6:2019 | automation - Part 7-6: Guideline for definition of Basic |
| | | Application Profiles (BAPs) using IEC 61850 |
| 57. | IEC/TS 61850-7- | Communication networks and systems for power utility |
| | 7:2018 | automation - Part 7-7: Machine-processable format of IEC |
| | | 61850-related data models for tools |
| 58. | IEC/IEEE 61850-9- | Communication networks and systems for power utility |
| | 3:2016 | automation - Part 9-3: Precision time protocol profile for |
| | | power utility automation |
| 59. | IEC/TR 61850-90- | Communication networks and systems for power utility |
| | 4:2020 | automation - Part 90-4: Network engineCommunication |
| | | networks and systems for power utility automation - Part |
| | | 90-17: Using IEC 61850 to transmit power quality |
| | | dataering guidelines |
| 60 | IEC/TR 61850-90- | Communication networks and systems for power utility |
| 00. | 17:2017 | automation - Part 90-17: Using IEC 61850 to transmit |
| | 17.4017 | power quality data |
| 61 | IE/TR 62629-51- | 3D display devices - Part 51-1: Generic introduction of |
| 01. | 1:2020 | |
| | 1.2020 | aerial display |

"Digital and analogue telecommunication systems", 300 standards

| No. | Standard Number | Standard Title |
|-----|--------------------|--|
| 1. | TR 103 509 | SmartM2M; SAREF extension investigation; Requirements for |
| | V1.1.1:2019 | eHealth/Ageing-well |
| 2. | TR 103 088 | Electromagnetic compatibility and Radio spectrum Matters |
| | V2.1.1:2019 | (ERM); Using the EN 301 489 series of EMC standards |
| 3. | TS 102 822-3-1 | Broadcast and On-line Services: Search, select, and rightful use |
| | V1.11.1:2019 | of content ("TV-Anytime"); Part 3: Metadata; Sub-part 1: Phase |
| | | 1 - Metadata schemas |
| 4. | TS 102 822-3-1 | Broadcast and On-line Services: Search, select, and rightful use |
| | V1.11.2:2019 | of content ("TV-Anytime"); Part 3: Metadata; Sub-part 1: Phase |

| | | 1 - Metadata schemas |
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| 5. | TS 138 521-3 | 5G; NR; User Equipment (UE) conformance specification; |
| | V15.4.1:2020 | Radio transmission and reception; Part 3: Range 1 and Range 2 |
| | | Interworking operation with other radios (3GPP TS 38.521-3 |
| | | version 15.4.1 Release 15) |
| 6. | TS 138 521-3 | 5G; NR; User Equipment (UE) conformance specification; |
| | V15.3.0:2019 | Radio transmission and reception; Part 3: Range 1 and Range 2 |
| | | Interworking operation with other radios (3GPP TS 38.521-3 |
| | | version 15.3.0 Release 15) |
| 7. | TS 138 521-3 | 5G; NR; User Equipment (UE) conformance specification; |
| | V15.2.0:2019 | Radio transmission and reception; Part 3: Range 1 and Range 2 |
| | | Interworking operation with other radios (3GPP TS 38.521-3 |
| | | version 15.2.0 Release 15) |
| 8. | TS 138 521-3 | 5G; NR; User Equipment (UE) conformance specification; |
| | V15.1.0:2019 | Radio transmission and reception; Part 3: Range 1 and Range 2 |
| | | Interworking operation with other radios (3GPP TS 38.521-3 |
| | | version 15.1.0 Release 15) |
| 9. | TS 138 101-3 | 5G; NR; User Equipment (UE) radio transmission and |
| | V15.9.0:2020 | reception; Part 3: Range 1 and Range 2 Interworking operation |
| | | with other radios (3GPP TS 38.101-3 version 15.9.0 Release 15) |
| 10. | TS 138 101-3 | 5G; NR; User Equipment (UE) radio transmission and |
| | V15.8.0:2020 | reception; Part 3: Range 1 and Range 2 Interworking operation |
| | | with other radios (3GPP TS 38.101-3 version 15.8.0 Release 15) |
| 11. | TS 138 101-3 | 5G; NR; User Equipment (UE) radio transmission and |
| | V15.7.0:2019 | reception; Part 3: Range 1 and Range 2 Interworking operation |
| | | with other radios (3GPP TS 38.101-3 version 15.7.0 Release 15) |
| 12. | TS 138 101-3 | 5G; NR; User Equipment (UE) radio transmission and |
| | V15.6.0:2019 | reception; Part 3: Range 1 and Range 2 Interworking operation |
| 10 | TG 100 101 0 | with other radios (3GPP TS 38.101-3 version 15.6.0 Release 15) |
| 13. | TS 138 101-3 | 5G; NR; User Equipment (UE) radio transmission and |
| | V15.5.0:2019 | reception; Part 3: Range 1 and Range 2 Interworking operation |
| 1.4 | TG 120 101 2 | with other radios (3GPP TS 38.101-3 version 15.5.0 Release 15) |
| 14. | TS 138 101-3 | 5G; NR; User Equipment (UE) radio transmission and |
| | V15.4.0:2019 | reception; Part 3: Range 1 and Range 2 Interworking operation |
| 15 | TE 126 402 | with other radios (3GPP TS 38.101-3 version 15.4.0 Release 15) LTE; Evolved Universal Terrestrial Radio Access Network (E- |
| 15. | TS 136 423 | |
| | V15.9.0:2020 | UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 version 15.9.0 Release 15) |
| 16. | TS 136 423 | LTE; Evolved Universal Terrestrial Radio Access Network (E- |
| 10. | V15.8.0:2020 | UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 |
| | V13.8.0.2020 | version 15.8.0 Release 15) |
| 17. | TS 136 423 | LTE; Evolved Universal Terrestrial Radio Access Network (E- |
| 1/. | V15.6.0:2019 | UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 |
| | , 15.0.0.2017 | version 15.6.0 Release 15) |
| 18. | TS 136 423 | LTE; Evolved Universal Terrestrial Radio Access Network (E- |
| 10. | V15.5.0:2019 | UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 |

| | | version 15.5.0 Release 15) |
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| 19. | TS 136 423 | LTE; Evolved Universal Terrestrial Radio Access Network (E- |
| | V15.4.0:2019 | UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 |
| | | version 15.4.0 Release 15) |
| 20. | TS 138 533 | 5G; NR; User Equipment (UE) conformance specification; |
| | V15.1.0:2019 | Radio Resource Management (RRM) (3GPP TS 38.533 version |
| | | 15.1.0 Release 15) |
| 21. | TS 138 533 | 5G; NR; User Equipment (UE) conformance specification; |
| | V15.0.0:2019 | Radio Resource Management (RRM) (3GPP TS 38.533 version |
| | | 15.0.0 Release 15) |
| 22. | TS 138 522 | 5G; NR; User Equipment (UE) conformance specification; |
| | V15.3.0:2019 | Applicability of radio transmission, radio reception and radio |
| | | resource management test cases (3GPP TS 38.522 version |
| - 22 | TC 120 122 | 15.3.0 Release 15) |
| 23. | TS 138 133 | 5G; NR; Requirements for support of radio resource |
| 24. | V15.9.0:2020 TS 138 523-1 | management (3GPP TS 38.133 version 15.9.0 Release 15) |
| 24. | V15.4.0:2019 | 5G; 5GS; User Equipment (UE) conformance specification; Part |
| 25. | TS 138 133 | 1: Protocol (3GPP TS 38.523-1 version 15.4.0 Release 15)5G; NR; Requirements for support of radio resource |
| 25. | V15.8.0:2020 | management (3GPP TS 38.133 version 15.8.0 Release 15) |
| 26. | TS 138 133 | 5G; NR; Requirements for support of radio resource |
| 20. | V15.6.0:2019 | management (3GPP TS 38.133 version 15.6.0 Release 15) |
| 27. | TS 138 133 | 5G; NR; Requirements for support of radio resource |
| _/. | V15.5.0:2019 | management (3GPP TS 38.133 version 15.5.0 Release 15) |
| 28. | TS 138 523-1 | 5G; 5GS; User Equipment (UE) conformance specification; Part |
| | V15.3.0:2019 | 1: Protocol (3GPP TS 38.523-1 version 15.3.0 Release 15) |
| 29. | TS 138 133 | 5G; NR; Requirements for support of radio resource |
| | V15.4.0:2019 | management (3GPP TS 38.133 version 15.4.0 Release 15) |
| 30. | TS 138 523-1 | 5G; 5GS; UE conformance specification; Part 1: Protocol |
| | V15.2.0:2019 | (3GPP TS 38.523-1 version 15.2.0 Release 15) |
| 31. | TS 101 570-2 | Interoperability Testing for Maritime Digital Selective Calling |
| | V1.2.1:2020 | (DSC) Radios; Part 2: Class A/B Test Descriptions |
| 32. | TS 138 523-3 | 5G; 5GS; User Equipment (UE) conformance specification; Part |
| | V15.7.0:2020 | 3: Protocol Test Suites (3GPP TS 38.523-3 version 15.7.0 |
| | FG 100 (F 0 | Release 15) |
| 33. | TS 128 659 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | V15.4.0:2020 | Telecommunication management; Evolved Universal Terrestrial |
| | | Radio Access Network (E-UTRAN) Network Resource Model |
| | | (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.659 version 15.4.0 Release 15) |
| 34. | TS 128 659 | Universal Mobile Telecommunications System (UMTS); LTE; |
| J - . | V15.3.0:2019 | Telecommunication management; Evolved Universal Terrestrial |
| | 13.3.0.2017 | Radio Access Network (E-UTRAN) Network Resource Model |
| | | (NRM) Integration Reference Point (IRP); Solution Set (SS) |
| | | definitions (3GPP TS 28.659 version 15.3.0 Release 15) |
| 35. | TS 128 659 | Universal Mobile Telecommunications System (UMTS); LTE; |
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| | V14.3.0:2019 | Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.659 version 14.3.0 Release 14) |
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| 36. | TS 101 570-3 V1.2.1:2020 | Interoperability Testing for Maritime Digital Selective Calling (DSC) Radios; Part 3: Class D Test Descriptions |
| 37. | TS 128 659 V11.7.0:2019 | Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.659 version 11.7.0 Release 11) |
| 38. | TS 128 659 V13.2.0:2019 | Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.659 version 13.2.0 Release 13) |
| 39. | TS 128 659 V12.3.0:2019 | Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.659 version 12.3.0 Release 12) |
| 40. | TS 138 523-3 V15.6.0:2020 | 5G; 5GS; User Equipment (UE) conformance specification; Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 15.6.0 Release 15) |
| 41. | TS 101 570-5 V1.2.1:2020 | Interoperability Testing for Maritime Digital Selective Calling (DSC) Radios; Part 5: VHF Class H Test Descriptions |
| 42. | TS 138 522 V15.2.0:2019 | 5G; NR; User Equipment (UE) conformance specification; Applicability of radio transmission, radio reception and radio resource management test cases (3GPP TS 38.522 version 15.2.0 Release 15) |
| 43. | TS 138 508-1 V15.4.0:2019 | 5G; 5GS; User Equipment (UE) conformance specification; Part 1: Common test environment (3GPP TS 38.508-1 version 15.4.0 Release 15) |
| 44. | TS 138 521-4 V15.1.0:2019 | 5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 4: Performance (3GPP TS 38.521-4 version 15.1.0 Release 15) |
| 45. | TS 138 523-2 V15.4.0:2019 | 5G; 5GS; User Equipment (UE) conformance specification; Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 15.4.0 Release 15) |
| 46. | TS 105 174-2 V1.3.1:2020 | Access, Terminals, Transmission and Multiplexing (ATTM); Broadband Deployment and Lifecycle Resource Management; Part 2: ICT Sites: Implementation of energy and lifecycle management practices |
| 47. | TS 138 508-1 V15.3.0:2019 | 5G; 5GS; User Equipment (UE) conformance specification; Part 1: Common test environment (3GPP TS 38.508-1 version 15.3.0 Release 15) |

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| 48. | TS 138 523-2 | 5G; 5GS; UE conformance specification; Part 2: Applicability |
| | V15.2.0:2019 | of protocol test cases (3GPP TS 38.523-2 version 15.2.0 |
| | | Release 15) |
| 49. | TS 138 523-2 | 5G; 5GS; User Equipment (UE) conformance specification; Part |
| | V15.3.0:2019 | 2: Applicability of protocol test cases (3GPP TS 38.523-2 |
| | | version 15.3.0 Release 15) |
| 50. | TS 103 412 | Mobile Standards Group (MSG); Pan-European eCall end to |
| | V1.3.1:2020 | end and in-band modem conformance testing; Prose test |
| | | specification |
| 51. | TS 136 300 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) |
| | V15.9.0:2020 | and Evolved Universal Terrestrial Radio Access Network (E- |
| | | UTRAN); Overall description; Stage 2 (3GPP TS 36.300 |
| | | version 15.9.0 Release 15) |
| 52. | TS 136 300 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) |
| 52. | V15.8.0:2020 | and Evolved Universal Terrestrial Radio Access Network (E- |
| | ¥15.0.0.2020 | UTRAN); Overall description; Stage 2 (3GPP TS 36.300 |
| | | version 15.8.0 Release 15) |
| 53. | TS 136 300 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) |
| 55. | V15.6.0:2019 | and Evolved Universal Terrestrial Radio Access (E-01RA) |
| | V13.0.0.2019 | |
| | | UTRAN); Overall description; Stage 2 (3GPP TS 36.300 |
| 5 4 | TG 105 174 5 1 | version 15.6.0 Release 15) |
| 54. | TS 105 174-5-1 | Access, Terminals, Transmission and Multiplexing (ATTM); |
| | V1.4.1:2020 | Broadband Deployment and Lifecycle Resource Management; |
| | | Part 5: Customer network infrastructures; Sub-part 1: Homes |
| | | (single-tenant) |
| 55. | TS 136 300 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) |
| | V15.5.0:2019 | and Evolved Universal Terrestrial Radio Access Network (E- |
| | | UTRAN); Overall description; Stage 2 (3GPP TS 36.300 |
| | | version 15.5.0 Release 15) |
| 56. | TS 138 522 | 5G; NR; User Equipment (UE) conformance specification; |
| | V15.1.1:2019 | Applicability of radio transmission, radio reception and radio |
| | | resource management test cases (3GPP TS 38.522 version |
| | | 15.1.1 Release 15) |
| 57. | TS 137 340 | Universal Mobile Telecommunications System (UMTS); LTE; |
| 1 | V15.8.0:2020 | 5G; NR; Multi-connectivity; Overall description; Stage-2 |
| | | (3GPP TS 37.340 version 15.8.0 Release 15) |
| 58. | TR 103 684 | Electronic Signatures and Infrastructures (ESI); Global |
| | V1.1.1:2020 | Acceptance of EU Trust Services |
| 59. | TS 138 508-2 | 5G; 5GS; User Equipment (UE) conformance specification; Part |
| | V15.4.0:2019 | 2: Common Implementation Conformance Statement (ICS) |
| | | proforma (3GPP TS 38.508-2 version 15.4.0 Release 15) |
| 60. | TS 138 508-2 | 5G; 5GS; User Equipment (UE) conformance specification; Part |
| | V15.3.0:2019 | 2: Common Implementation Conformance Statement (ICS) |
| | | proforma (3GPP TS 38.508-2 version 15.3.0 Release 15) |
| 61. | TS 137 340 | Universal Mobile Telecommunications System (UMTS); LTE; |
| 01. | V15.7.0:2019 | 5G; NR; Multi-connectivity; Overall description; Stage-2 |
| | ¥13.7.0.2017 | 1 50, m, mun-connectivity, Overan description, stage-2 |

| | | (3GPP TS 37.340 version 15.7.0 Release 15) |
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| 62. | TS 102 869-2 V1.6.1:2020 | Intelligent Transport Systems (ITS); Testing; Conformance test specifications for Decentralized Environmental Notification Basic Service (DEN); Part 2: Test Suite Structure and Test Purposes (TSS & TP) |
| 63. | TS 138 508-1 V15.2.0:2019 | 5G; 5GS; User Equipment (UE) conformance specification; Part 1: Common test environment (3GPP TS 38.508-1 version 15.2.0 Release 15) |
| 64. | TS 137 340 V15.6.0:2019 | Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR; Multi-connectivity; Overall description; Stage-2 (3GPP TS 37.340 version 15.6.0 Release 15) |
| 65. | TS 137 340 V15.5.0:2019 | Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR; Multi-connectivity; Overall description; Stage-2 (3GPP TS 37.340 version 15.5.0 Release 15) |
| 66. | TS 138 101-4 V15.5.0:2020 | 5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101- 4 version 15.5.0 Release 15) |
| 67. | TS 138 101-4 V15.4.0:2020 | 5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101- 4 version 15.4.0 Release 15) |
| 68. | TS 138 523-3 V15.4.0:2019 | 5G; 5GS; User Equipment (UE) conformance specification; Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 15.4.0 Release 15) |
| 69. | TS 137 340 V15.4.0:2019 | Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR; Multi-connectivity; Overall description; Stage-2 (3GPP TS 37.340 version 15.4.0 Release 15) |
| 70. | TS 136 300 V15.4.0:2019 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E- UTRAN); Overall description; Stage 2 (3GPP TS 36.300 version 15.4.0 Release 15) |
| 71. | TS 136 413 V15.8.0:2020 | LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP) (3GPP TS 36.413 version 15.8.0 Release 15) |
| 72. | TS 138 101-4 V15.2.0:2019 | 5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101- 4 version 15.2.0 Release 15) |
| 73. | TS 102 636-4-2 V1.2.1:2020 | Intelligent Transport Systems (ITS); Vehicular Communications; GeoNetworking; Part 4: Geographical addressing and forwarding for point-to-point and point-to- multipoint communications; Sub-part 2: Media-dependent functionalities for ITS-G5 |
| 74. | TS 136 413 V15.6.0:2019 | LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP) (3GPP TS 36.413 version 15.6.0 Release 15) |
| 75. | TS 138 306 V15.9.0:2020 | 5G; NR; User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 15.9.0 Release 15) |

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| 76. | TR 103 664 | System Reference document (SRdoc); Security Scanners (SSc) |
| | V1.1.1:2020 | within the frequency range from 60 GHz to 90 GHz |
| 77. | TS 183 036 | Core Network and Interoperability Testing (INT); ISDN/SIP |
| | V3.6.2:2020 | interworking; Protocol specification |
| 78. | TS 183 036 | Core Network and Interoperability Testing (INT); ISDN/SIP |
| | V3.6.1:2019 | interworking; Protocol specification |
| 79. | TS 136 133 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); |
| | V15.9.0:2020 | Requirements for support of radio resource management (3GPP |
| | 10.910.2020 | TS 36.133 version 15.9.0 Release 15) |
| 80. | TR 138 905 | 5G; NR; Derivation of test points for radio transmission and |
| 00. | V15.3.0:2019 | reception User Equipment (UE) conformance test cases (3GPP |
| | V15.5.0.2017 | TR 38.905 version 15.3.0 Release 15) |
| 81. | TS 103 285 | |
| 01. | | Digital Video Broadcasting (DVB); MPEG-DASH Profile for |
| | V1.3.1:2020 | Transport of ISO BMFF Based DVB Services over IP Based |
| 00 | TO 105 174 0 | Networks |
| 82. | TS 105 174-8 | Access, Terminals, Transmission and Multiplexing (ATTM); |
| | V1.2.1:2019 | Broadband Deployment and Lifecycle Resource Management; |
| | | Part 8: Implementation of WEEE practices for ICT equipment |
| | | during maintenance and at end-of-life |
| 83. | TS 138 101-4 | 5G; NR; User Equipment (UE) radio transmission and |
| | V15.1.0:2019 | reception; Part 4: Performance requirements (3GPP TS 38.101- |
| | | 4 version 15.1.0 Release 15) |
| 84. | TS 138 101-4 | 5G; NR; User Equipment (UE) radio transmission and |
| | V15.0.0:2019 | reception; Part 4: Performance requirements (3GPP TS 38.101- |
| | | 4 version 15.0.0 Release 15) |
| 85. | TS 136 331 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); |
| | V15.5.1:2019 | Radio Resource Control (RRC); Protocol specification (3GPP |
| | | TS 36.331 version 15.5.1 Release 15) |
| 86. | TS 138 521-4 | 5G; NR; User Equipment (UE) conformance specification; |
| | V15.0.0:2019 | Radio transmission and reception; Part 4: Performance (3GPP |
| | | TS 38.521-4 version 15.0.0 Release 15) |
| 87. | TS 138 306 | 5G; NR; User Equipment (UE) radio access capabilities (3GPP |
| | V15.7.0:2019 | TS 38.306 version 15.7.0 Release 15) |
| 88. | TS 138 307 | 5G; NR; Requirements on User Equipments (UEs) supporting a |
| | V15.5.0:2020 | release-independent frequency band (3GPP TS 38.307 version |
| | | 15.5.0 Release 15) |
| 89. | TS 138 307 | 5G; NR; Requirements on User Equipments (UEs) supporting a |
| | V15.4.0:2020 | release-independent frequency band (3GPP TS 38.307 version |
| | | 15.4.0 Release 15) |
| 90. | TS 138 306 | 5G; NR; User Equipment (UE) radio access capabilities (3GPP |
| | V15.8.0:2020 | TS 38.306 version 15.8.0 Release 15) |
| 91. | TS 138 307 | 5G; NR; Requirements on User Equipments (UEs) supporting a |
| / 1. | V15.3.0:2019 | release-independent frequency band (3GPP TS 38.307 version |
| | , 15.5.0.2017 | 15.3.0 Release 15) |
| 92. | TS 136 331 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); |
| 12. | V15.9.0:2020 | Radio Resource Control (RRC); Protocol specification (3GPP |
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| 15.6.0:2019 | TS 38.306 version 15.6.0 Release 15) |
| S 102 868-2 | Intelligent Transport Systems (ITS); Testing; Conformance test |
| 1.5.1:2020 | specifications for Cooperative Awareness Basic Service (CA); |
| | Part 2: Test Suite Structure and Test Purposes (TSS & TP) |
| S 136 331 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); |
| 15.4.0:2019 | Radio Resource Control (RRC); Protocol specification (3GPP |
| | TS 36.331 version 15.4.0 Release 15) |
| S 128 541 | 5G; Management and orchestration; 5G Network Resource |
| 15.5.0:2020 | Model (NRM); Stage 2 and stage 3 (3GPP TS 28.541 version |
| | 15.5.0 Release 15) |
| S 119 412-1 | Electronic Signatures and Infrastructures (ESI); Certificate |
| 1.4.0:2020 | Profiles; Part 1: Overview and common data structures |
| S 138 306 | 5G; NR; User Equipment (UE) radio access capabilities (3GPP |
| | TS 38.306 version 15.5.0 Release 15) |
| | SmartM2M; SAREF extension investigation; Requirements for |
| | Automotive |
| | 5G; 5GS; User Equipment (UE) conformance specification; Part |
| 15.3.0:2019 | 3: Protocol Test Suites (3GPP TS 38.523-3 version 15.3.0 |
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| | 5G; NR; Radio Resource Control (RRC); Protocol specification |
| | (3GPP TS 38.331 version 15.9.0 Release 15) |
| | Access, Terminals, Transmission and Multiplexing (ATTM); |
| 1.1.1:2020 | Comparison of sustainability parameters between internal and |
| 0 101 540 1 | external, including "cloud-based", ICT hosting solutions |
| | Access, Terminals, Transmission and Multiplexing (ATTM); |
| 2.4.1:2020 | European Requirements for Reverse Powering of Remote |
| 0 101 540 1 | Access Equipment; Part 1: Twisted pair networks |
| | Access, Terminals, Transmission and Multiplexing (ATTM); |
| 2.5.1.2020 | European Requirements for Reverse Powering of Remote |
| S 126 221 | Access Equipment; Part 1: Twisted pair networks LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); |
| | Radio Resource Control (RRC); Protocol specification (3GPP |
| 13.0.0.2019 | TS 36.331 version 15.6.0 Release 15) |
| S 138 331 | 5G; NR; Radio Resource Control (RRC); Protocol specification |
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| 110. | TS 119 412-1 | Electronic Signatures and Infrastructures (ESI); Certificate |
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| | V1.3.1:2019 | Profiles; Part 1: Overview and common data structures |
| 111. | TR 103 149 | System Reference document (SRdoc); DECT operating in the 1 |
| | V1.2.1:2019 | 900 MHz - 1 920 MHz band |
| 112. | TS 136 133 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); |
| | V15.6.0:2019 | Requirements for support of radio resource management (3GPP |
| | | TS 36.133 version 15.6.0 Release 15) |
| 113. | TS 119 511 | Electronic Signatures and Infrastructures (ESI); Policy and |
| | V1.1.1:2019 | security requirements for trust service providers providing long- |
| | | term preservation of digital signatures or general data using |
| | | digital signature techniques |
| 114. | TS 103 205 | Digital Video Broadcasting (DVB); Extensions to the CI |
| | V1.4.1:2019 | PlusTM Specification |
| 115. | | 5G; NR; Requirements on User Equipments (UEs) supporting a |
| | V15.2.0:2019 | release-independent frequency band (3GPP TS 38.307 version |
| | | 15.2.0 Release 15) |
| 116. | TS 138 331 | 5G; NR; Radio Resource Control (RRC); Protocol specification |
| | V15.8.0:2020 | (3GPP TS 38.331 version 15.8.0 Release 15) |
| 117. | TS 119 495 | Electronic Signatures and Infrastructures (ESI); Sector Specific |
| | V1.4.1:2019 | Requirements; Qualified Certificate Profiles and TSP Policy |
| | | Requirements under the payment services Directive (EU) |
| | | 2015/2366 |
| 118. | TS 119 495 | Electronic Signatures and Infrastructures (ESI); Sector Specific |
| | V1.3.2:2019 | Requirements; Qualified Certificate Profiles and TSP Policy |
| | | Requirements under the payment services Directive (EU) |
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| 119. | TS 119 495 | Electronic Signatures and Infrastructures (ESI); Sector Specific |
| | V1.3.1:2019 | Requirements; Qualified Certificate Profiles and TSP Policy |
| | | Requirements under the payment services Directive (EU) |
| | | 2015/2366 |
| 120. | TS 103 301 | Intelligent Transport Systems (ITS); Vehicular |
| | V1.3.1:2020 | Communications; Basic Set of Applications; Facilities layer |
| | | protocols and communication requirements for infrastructure |
| | | services |
| 121. | | 5G; Management and orchestration; 5G Network Resource |
| | V15.3.0:2019 | Model (NRM); Stage 2 and stage 3 (3GPP TS 28.541 version |
| | | 15.3.0 Release 15) |
| 122. | TS 128 541 | 5G; Management and orchestration; 5G Network Resource |
| | V15.2.0:2019 | Model (NRM); Stage 2 and stage 3 (3GPP TS 28.541 version |
| | | 15.2.0 Release 15) |
| 123. | | Access, Terminals, Transmission and Multiplexing (ATTM); |
| | V1.3.1:2019 | Energy management; Operational infrastructures; |
| | | Implementation of Global KPIs; Part 2: Specific requirements; |
| | | Sub-part 2: Fixed broadband access networks |
| 124. | TS 128 541 | 5G; Management and orchestration; 5G Network Resource |
| | V15.1.0:2019 | Model (NRM); Stage 2 and stage 3 (3GPP TS 28.541 version |

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| 125. | TS 138 306 | 5G; NR; User Equipment (UE) radio access capabilities (3GPP |
| | V15.4.0:2019 | TS 38.306 version 15.4.0 Release 15) |
| 126. | TS 138 401 | 5G; NG-RAN; Architecture description (3GPP TS 38.401 |
| | V15.5.0:2019 | version 15.5.0 Release 15) |
| 127. | TS 138 401 | 5G; NG-RAN; Architecture description (3GPP TS 38.401 |
| | V15.4.0:2019 | version 15.4.0 Release 15) |
| 128. | TS 138 331 | 5G; NR; Radio Resource Control (RRC); Protocol specification |
| | V15.4.0:2019 | (3GPP TS 38.331 version 15.4.0 Release 15) |
| 129. | TR 103 611 | Satellite Earth Stations and Systems (SES); Seamless |
| | V1.1.1:2020 | integration of satellite and/or HAPS (High Altitude Platform |
| | | Station) systems into 5G and related architecture options |
| 130. | TR 103 306 | CYBER; Global Cyber Security Ecosystem |
| | V1.4.1:2020 | |
| 131. | TS 138 401 | 5G; NG-RAN; Architecture description (3GPP TS 38.401 |
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| 132. | TS 138 401 | 5G; NG-RAN; Architecture description (3GPP TS 38.401 |
| | V15.6.0:2019 | version 15.6.0 Release 15) |
| 133. | TS 119 512 | Electronic Signatures and Infrastructures (ESI); Protocols for |
| | V1.1.1:2020 | trust service providers providing long-term data preservation |
| 10.1 | TG 12 < 5 00 | services |
| 134. | TS 136 508 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) |
| | V15.4.0:2019 | and Evolved Packet Core (EPC); Common test environments |
| | | for User Equipment (UE) conformance testing (3GPP TS |
| 125 | TC 127 571 2 | 36.508 version 15.4.0 Release 15) |
| 155. | TS 137 571-3 V15.5.0:2019 | Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved |
| | v15.5.0.2019 | UTRA (E-UTRA) and Evolved Packet Core (EPC); User |
| | | Equipment (UE) conformance specification for UE positioning; |
| | | Part 3: Implementation Conformance Statement (ICS) (3GPP |
| | | TS 37.571-3 version 15.5.0 Release 15) |
| 136 | TS 136 508 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) |
| | V15.5.0:2019 | and Evolved Packet Core (EPC); Common test environments |
| | | for User Equipment (UE) conformance testing (3GPP TS |
| | | 36.508 version 15.5.0 Release 15) |
| 137. | TS 137 571-3 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | V15.4.0:2019 | Universal Terrestrial Radio Access (UTRA) and Evolved |
| | | UTRA (E-UTRA) and Evolved Packet Core (EPC); User |
| | | Equipment (UE) conformance specification for UE positioning; |
| | | Part 3: Implementation Conformance Statement (ICS) (3GPP |
| | | TS 37.571-3 version 15.4.0 Release 15) |
| 138. | TR 136 903 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) |
| | V15.1.0:2019 | and Evolved Universal Terrestrial Radio Access Network (E- |
| | | UTRAN); Derivation of test tolerances for Radio Resource |
| | | Management (RRM) conformance tests (3GPP TR 36.903 |
| | | version 15.1.0 Release 15) |

| 139. | TR 103 535 | SmartM2M; Guidelines for using semantic interoperability in |
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| | V1.1.1:2019 | the industry |
| 140. | TR 121 915 | Digital cellular telecommunications system (Phase 2+) (GSM); |
| | V15.0.0:2019 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | | 5G; Release description; Release 15 (3GPP TR 21.915 version |
| | | 15.0.0 Release 15) |
| 141. | TR 103 477 | eHEALTH; Standardization use cases for eHealth |
| | V1.1.1:2019 | |
| 142. | TR 103 534-2 | SmartM2M; Teaching material; Part 2: Privacy |
| | V1.1.1:2019 | |
| 143. | TR 133 926 | LTE; Security Assurance Specification (SCAS) threats and |
| | V15.2.0:2019 | critical assets in 3GPP network product classes (3GPP TR |
| | | 33.926 version 15.2.0 Release 15) |
| 144. | TR 103 591 | SmartM2M; Privacy study report; Standards Landscape and |
| | V1.1.1:2019 | best practices |
| 145. | TR 103 331 | CYBER; Structured threat information sharing |
| | V1.2.1:2019 | |
| 146. | TR 103 537 | SmartM2M; PlugtestsTM preparation on Semantic |
| | V1.1.1:2019 | Interoperability |
| 147. | | Intelligent Transport System (ITS); Vulnerable Road Users |
| | V2.1.1:2019 | (VRU) awareness; Part 1: Use Cases definition; Release 2 |
| 148. | TR 103 533 | SmartM2M; Security; Standards Landscape and best practices |
| | V1.1.1:2019 | |
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| 149. | TR 103 534-1 | SmartM2M; Teaching material; Part 1: Security |
| | V1.1.1:2019 | |
| | V1.1.1:2019 TR 103 583 | System Reference document (SRdoc); Technical characteristics |
| | V1.1.1:2019 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio |
| 150. | V1.1.1:2019 TR 103 583 V1.1.1:2019 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz |
| | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best |
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| 150. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; |
| 150. 151. 152. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum |
| 150. 151. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 138 903 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum 5G; NR; Derivation of test tolerances and measurement |
| 150. 151. 152. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum 5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases |
| 150. 151. 152. 153. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 138 903 V15.3.0:2019 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum 5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 15.3.0 Release 15) |
| 150. 151. 152. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 138 903 V15.3.0:2019 TR 133 916 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum 5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 15.3.0 Release 15) Universal Mobile Telecommunications System (UMTS); LTE; |
| 150. 151. 152. 153. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 138 903 V15.3.0:2019 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum 5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 15.3.0 Release 15) Universal Mobile Telecommunications System (UMTS); LTE; Security Assurance Methodology (SCAS) for 3GPP network |
| 150. 151. 152. 153. 154. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 138 903 V15.3.0:2019 TR 133 916 V15.1.0:2020 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum 5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 15.3.0 Release 15) Universal Mobile Telecommunications System (UMTS); LTE; Security Assurance Methodology (SCAS) for 3GPP network products (3GPP TR 33.916 version 15.1.0 Release 15) |
| 150. 151. 152. 153. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 138 903 V15.3.0:2019 TR 133 916 V15.1.0:2020 TR 122 982 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum 5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 15.3.0 Release 15) Universal Mobile Telecommunications System (UMTS); LTE; Security Assurance Methodology (SCAS) for 3GPP network products (3GPP TR 33.916 version 15.1.0 Release 15) Digital cellular telecommunications system (Phase 2+) (GSM); |
| 150. 151. 152. 153. 154. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 138 903 V15.3.0:2019 TR 133 916 V15.1.0:2020 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum 5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 15.3.0 Release 15) Universal Mobile Telecommunications System (UMTS); LTE; Security Assurance Methodology (SCAS) for 3GPP network products (3GPP TR 33.916 version 15.1.0 Release 15) Digital cellular telecommunications System (UMTS); LTE; |
| 150. 151. 152. 153. 154. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 138 903 V15.3.0:2019 TR 133 916 V15.1.0:2020 TR 122 982 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum 5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 15.3.0 Release 15) Universal Mobile Telecommunications System (UMTS); LTE; Security Assurance Methodology (SCAS) for 3GPP network products (3GPP TR 33.916 version 15.1.0 Release 15) Digital cellular telecommunications system (UMTS); LTE; Study of Customised Alerting Tone (CAT) requirements (3GPP |
| 150. 151. 152. 153. 154. 155. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 138 903 V15.3.0:2019 TR 133 916 V15.1.0:2020 TR 122 982 V15.0.0:2019 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum 5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 15.3.0 Release 15) Universal Mobile Telecommunications System (UMTS); LTE; Security Assurance Methodology (SCAS) for 3GPP network products (3GPP TR 33.916 version 15.1.0 Release 15) Digital cellular telecommunications system (UMTS); LTE; Study of Customised Alerting Tone (CAT) requirements (3GPP TR 22.982 version 15.0.0 Release 15) |
| 150. 151. 152. 153. 154. 155. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 138 903 V15.3.0:2019 TR 133 916 V15.1.0:2020 TR 122 982 V15.0.0:2019 TR 122 988 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum 5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 15.3.0 Release 15) Universal Mobile Telecommunications System (UMTS); LTE; Security Assurance Methodology (SCAS) for 3GPP network products (3GPP TR 33.916 version 15.1.0 Release 15) Digital cellular telecommunications System (UMTS); LTE; Study of Customised Alerting Tone (CAT) requirements (3GPP TR 22.982 version 15.0.0 Release 15) Universal Mobile Telecommunications System (UMTS); LTE; Study of Customised Alerting Tone (CAT) requirements (3GPP TR 22.982 version 15.0.0 Release 15) |
| 150. 151. 152. 153. 154. 155. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 138 903 V15.3.0:2019 TR 133 916 V15.1.0:2020 TR 122 982 V15.0.0:2019 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum 5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 15.3.0 Release 15) Universal Mobile Telecommunications System (UMTS); LTE; Security Assurance Methodology (SCAS) for 3GPP network products (3GPP TR 33.916 version 15.1.0 Release 15) Digital cellular telecommunications System (UMTS); LTE; Study of Customised Alerting Tone (CAT) requirements (3GPP TR 22.982 version 15.0.0 Release 15) Universal Mobile Telecommunications System (UMTS); LTE; Study on alternatives to E.164 for Machine-Type |
| 150. 151. 152. 153. 154. 155. | V1.1.1:2019 TR 103 583 V1.1.1:2019 TR 103 559 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 103 580 V1.1.1:2019 TR 138 903 V15.3.0:2019 TR 133 916 V15.1.0:2020 TR 122 982 V15.0.0:2019 TR 122 988 | System Reference document (SRdoc); Technical characteristics of Multiple Gigabit Wireless Systems (MGWS) in radio spectrum between 57 GHz and 71 GHz Speech and multimedia Transmission Quality (STQ); Best practices for robust network QoS benchmark testing and scoring Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Investigations for the shared use of spectrum 5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 15.3.0 Release 15) Universal Mobile Telecommunications System (UMTS); LTE; Security Assurance Methodology (SCAS) for 3GPP network products (3GPP TR 33.916 version 15.1.0 Release 15) Digital cellular telecommunications System (UMTS); LTE; Study of Customised Alerting Tone (CAT) requirements (3GPP TR 22.982 version 15.0.0 Release 15) Universal Mobile Telecommunications System (UMTS); LTE; Study of Customised Alerting Tone (CAT) requirements (3GPP TR 22.982 version 15.0.0 Release 15) |

| 157 | TD 100 047 | Inima Mahile Talescon munications System (IIMTS), Study |
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| 157. | TR 122 947 | Universal Mobile Telecommunications System (UMTS); Study |
| | V15.0.0:2019 | on Personal Broadcast Service (PBS) (3GPP TR 22.947 version |
| 150 | TD 100 000 | 15.0.0 Release 15) |
| 158. | TR 122 980 | Digital cellular telecommunications system (Phase 2+) (GSM); |
| | V15.0.0:2019 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | | Network composition feasibility study (3GPP TR 22.980 |
| 1.70 | | version 15.0.0 Release 15) |
| 159. | TR 122 906 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | V15.0.0:2019 | Study on IMS based peer-to-peer content distribution services |
| | | (3GPP TR 22.906 version 15.0.0 Release 15) |
| 160. | TR 136 903 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) |
| | V15.2.0:2020 | and Evolved Universal Terrestrial Radio Access Network (E- |
| | | UTRAN); Derivation of test tolerances for Radio Resource |
| | | Management (RRM) conformance tests (3GPP TR 36.903 |
| | | version 15.2.0 Release 15) |
| 161. | TR 103 549 | SmartM2M; Guidelines for consolidating SAREF with new |
| | V1.1.1:2019 | reference ontology patterns, based on the experience from the |
| | | ITEA SEAS project |
| 162. | TR 103 608 | SmartM2M; SAREF publication framework reinforcing the |
| | V1.1.1:2019 | engagement of its community of users |
| 163. | TR 103 582 | EMTEL; Study of use cases and communications involving IoT |
| | V1.1.1:2019 | devices in provision of emergency situations |
| 164. | EG 203 499 | Human Factors (HF); User-centred terminology for existing and |
| | V1.1.1:2019 | upcoming ICT devices, services and applications |
| 165. | EG 203 602 | User Group; User Centric Approach: Guidance for users; Best |
| | V1.1.1:2019 | practices to interact in the Digital Ecosystem |
| 166. | EN 300 392-9 | Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); |
| | V1.7.1:2020 | Part 9: General requirements for supplementary services |
| 167. | EN 300 392-3-8 | Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); |
| | V1.4.1:2020 | Part 3: Interworking at the Inter-System Interface (ISI); Sub- |
| | | part 8: Generic Speech Format Implementation |
| 168. | EN 300 392-3-9 | Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); |
| | V1.2.1:2020 | Part 3: Interworking at the Inter-System Interface (ISI); Sub- |
| | | part 9: Transport layer independent, General design |
| 169. | EN 300 392-3- | Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); |
| | 10 V1.2.1:2020 | Part 3: Interworking at the Inter-System Interface (ISI); Sub- |
| | | part 10: General design, PSS1 over E.1 |
| 170. | EN 300 392-3- | Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); |
| | 11 V1.2.1:2020 | Part 3: Interworking at the Inter-System Interface (ISI); Sub- |
| | | part 11: General design, SIP/IP |
| 171. | EN 300 392-3- | Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); |
| | 12 V1.2.1:2020 | Part 3: Interworking at the Inter-System Interface (ISI); Sub- |
| | | part 12: Transport layer independent Additional Network |
| | | Feature Individual Call (ANF-ISIIC) |
| 172. | | Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); |
| | 13 V1.2.1:2020 | Part 3: Interworking at the Inter-System Interface (ISI); Sub- |

| | | part 13: Transport layer independent Additional Network Feature Group Call (ANF-ISIGC) |
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| 173. | EN 300 392-3- 14 V1.2.1:2020 | Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 3: Interworking at the Inter-System Interface (ISI); Sub- part 14: Transport layer independent Additional Network Feature Short Data Service (ANF-ISISDS) |
| 174. | EN 300 392-3- 15 V1.2.1:2020 | Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 3: Interworking at the Inter-System Interface (ISI); Sub- part 15: Transport layer independent Additional Network Feature, Mobility Management (ANF-ISIMM) |
| 175. | EN 300 392-1 V1.6.1:2020 | Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 1: General network design |
| 176. | EN 300 392-5 V2.7.1:2020 | Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D) and Direct Mode Operation (DMO); Part 5: Peripheral Equipment Interface (PEI) |
| 177. | EN 319 412-5 V2.3.1:2020 | Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 5: QCStatements |
| 178. | EN 303 258 V1.1.1:2020 | Wireless Industrial Applications (WIA); Equipment operating in the 5 725 MHz to 5 875 MHz frequency range with power levels ranging up to 400 mW; Harmonised Standard for access to radio spectrum |
| 179. | EN 303 213-5-1 V1.1.1:2020 | Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 5: Harmonised Standard for access to radio spectrum for Multilateration (MLAT) equipment; Sub-part 1: Receivers and Interrogators |
| 180. | EN 300 019-2-8 V2.2.1:2020 | Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2- 8: Specification of environmental tests; Stationary use at underground locations |
| 181. | EN 303 345-2 V1.1.1:2020 | Broadcast Sound Receivers; Part 2: AM broadcast sound service; Harmonised Standard for access to radio spectrum |
| 182. | EN 303 345-5 V1.1.1:2020 | Broadcast Sound Receivers; Part 5: DRM broadcast sound service; Harmonised Standard for access to radio spectrum |
| 183. | EN 302 636-4-1 V1.4.1:2020 | Intelligent Transport Systems (ITS); Vehicular Communications; GeoNetworking; Part 4: Geographical addressing and forwarding for point-to-point and point-to- multipoint communications; Sub-part 1: Media-Independent Functionality |
| 184. | EN 301 908-15 V15.1.1:2020 | IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 15: Evolved Universal Terrestrial Radio Access (E-UTRA FDD) Repeaters |
| 185. | EN 303 613 V1.1.1:2020 | Intelligent Transport Systems (ITS); LTE-V2X Access layer specification for Intelligent Transport Systems operating in the 5 GHz frequency band |
| 186. | EN 302 663 V1.3.1:2020 | Intelligent Transport Systems (ITS); ITS-G5 Access layer specification for Intelligent Transport Systems operating in the |

| | | 5 GHz frequency band |
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| 187. | ES 203 539 | Environmental Engineering (EE); Measurement method for |
| | V1.1.1:2019 | energy efficiency of Network Functions Virtualisation (NFV) in |
| | | laboratory environment |
| 188. | ES 203 311-6 | Integrated broadband cable telecommunication networks |
| | V1.1.1:2019 | (CABLE); Fourth generation transmission systems for |
| | | interactive cable television services - IP cable modems; Part 6: |
| | | Security; DOCSIS® 3.1 [ANSI/SCTE 220-5 2016] |
| 189. | ES 203 311-5 | Integrated broadband cable telecommunication networks |
| | V1.1.1:2019 | (CABLE); Fourth generation transmission systems for |
| | | interactive cable television services - IP cable modems; Part 5: |
| | | Converged cable access platform operations support system |
| | | interface; DOCSIS® 3.1 [ANSI/SCTE 220-4 2016] |
| 190. | ES 203 311-4 | Integrated broadband cable telecommunication networks |
| | V1.1.1:2019 | (CABLE); Fourth generation transmission systems for |
| | | interactive cable television services - IP cable modems; Part 4: |
| | | Cable modem operations support system interface; DOCSIS® |
| | | 3.1 [ANSI/SCTE 220-3 2016] |
| 191. | | Integrated broadband cable telecommunication networks |
| | V1.1.1:2019 | (CABLE); Fourth generation transmission systems for |
| | | interactive cable television services - IP cable modems; Part 3: |
| | | MAC and upper layer protocols interface; DOCSIS® 3.1 |
| | | [ANSI/SCTE 220-2 2016] |
| 192. | ES 203 311-2 | Integrated broadband cable telecommunication networks |
| | V1.1.1:2019 | (CABLE); Fourth generation transmission systems for |
| | | interactive cable television services - IP cable modems; Part 2: |
| | | Physical layer; DOCSIS® 3.1 [ANSI/SCTE 220-1 2016] |
| 193. | ES 203 311-1 | Integrated broadband cable telecommunication networks |
| | V1.1.1:2019 | (CABLE); Fourth generation transmission systems for |
| | | interactive cable television services - IP cable modems; Part 1: |
| | | General; DOCSIS® 3.1 |
| 194. | ES 202 336-12 | Environmental Engineering (EE); Monitoring and control |
| | V1.2.1:2019 | interface for infrastructure equipment (power, cooling and |
| | | building environment systems used in telecommunication |
| | | networks); Part 12: ICT equipment power, energy and |
| 105 | | environmental parameters monitoring information model |
| 195. | ES 202 740 | Speech and multimedia Transmission Quality (STQ); |
| | V1.8.1:2020 | Transmission requirements for wideband VoIP loudspeaking |
| | | and handsfree terminals from a QoS perspective as perceived by |
| 10.6 | 50.000 510 | the user |
| 196. | ES 202 718 | Speech and multimedia Transmission Quality (STQ); |
| | V1.4.1:2020 | Transmission Requirements for IP-based Narrowband and |
| | | Wideband Home and Network Media Gateways from a QoS |
| 105 | | Perspective as Perceived by the User |
| 197. | ES 202 737 | Speech and multimedia Transmission Quality (STQ); |
| | V1.8.1:2020 | Transmission requirements for narrowband VoIP terminals |

| | | (handset and headset) from a QoS perspective as perceived by the user |
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| 198. | ES 202 738 V1.8.1:2020 | Speech and multimedia Transmission Quality (STQ); Transmission requirements for narrowband VoIP loudspeaking and handsfree terminals from a QoS perspective as perceived by the user |
| 199. | ES 202 739 V1.8.1:2020 | Speech and multimedia Transmission Quality (STQ); Transmission requirements for wideband VoIP terminals (handset and headset) from a QoS perspective as perceived by the user |
| 200. | ES 203 700 V1.1.0:2020 | Environmental Engineering (EE); Sustainable power feeding solutions for 5G network |
| 201. | TS 103 267 V2.1.1:2020 | SmartM2M; Smart Applications; Communication Framework |
| 202. | TS 103 666-2 V15.1.0:2020 | Smart Secure Platform (SSP); Part 2: Integrated SSP (iSSP) characteristics (Release 15) |
| 203. | TS 136 211 V14.13.1:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.211 version 14.13.1 Release 14) |
| 204. | TS 136 211 V15.8.1:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.211 version 15.8.1 Release 15) |
| 205. | TS 134 123-3 V15.4.0:2020 | Universal Mobile Telecommunications System (UMTS); User Equipment (UE) conformance specification; Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 15.4.0 Release 15) |
| 206. | TS 136 101 V12.24.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 12.24.0 Release 12) |
| | TS 136 101 V13.18.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 13.18.0 Release 13) |
| 208. | TS 136 101 V14.14.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 14.14.0 Release 14) |
| | TS 136 101 V15.9.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.9.0 Release 15) |
| | TS 136 133 V13.18.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 13.18.0 Release 13) |
| | TS 136 133 V14.14.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 14.14.0 Release 14) |
| | TS 103 713 V15.1.0:2020 | Smart Secure Platform (SSP); SPI interface (Release 15) |
| 213. | TS 102 965 | Intelligent Transport Systems (ITS); Application Object |

| | V1.5.1:2020 | Identifier (ITS-AID); Registration |
|------|--------------|---|
| 214. | TS 103 666-1 | Smart Secure Platform (SSP); Part 1: General characteristics |
| | V15.1.0:2020 | (Release 15) |
| 215. | TS 103 652-2 | Reconfigurable Radio Systems (RRS); evolved Licensed Shared |
| | V1.1.1:2020 | Access (eLSA); Part 2: System architecture and high-level |
| | | procedures |
| 216. | TS 103 553-3 | Environmental Engineering (EE); Innovative energy storage |
| | V1.1.1:2020 | technology for stationary use; Part 3: Supercapacitor |
| 217. | TS 138 423 | 5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS |
| | V15.6.0:2020 | 38.423 version 15.6.0 Release 15) |
| 218. | TS 122 240 | Digital cellular telecommunications system (Phase 2+) (GSM); |
| | V15.0.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | | Service requirements for 3GPP Generic User Profile (GUP); |
| | | Stage 1 (3GPP TS 22.240 version 15.0.0 Release 15) |
| 219. | TS 131 103 | Digital cellular telecommunications system (Phase 2+) (GSM); |
| | V15.5.1:2020 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | | 5G; Characteristics of the IP Multimedia Services Identity |
| | | Module (ISIM) application (3GPP TS 31.103 version 15.5.1 |
| | | Release 15) |
| 220. | TS 131 130 | Digital cellular telecommunications system (Phase 2+) (GSM); |
| | V15.2.1:2020 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | | 5G; (U)SIM Application Programming Interface (API); (U)SIM |
| | | API for Java [™] Card (3GPP TS 31.130 version 15.2.1 Release |
| | | 15) |
| 221. | TS 131 121 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | V15.6.1:2020 | 5G; UICC-terminal interface; Universal Subscriber Identity |
| | | Module (USIM) application test specification (3GPP TS 31.121 |
| | | version 15.6.1 Release 15) |
| 222. | TS 138 101-2 | 5G; NR; User Equipment (UE) radio transmission and |
| | V15.8.0:2020 | reception; Part 2: Range 2 Standalone (3GPP TS 38.101-2 |
| | | version 15.8.0 Release 15) |
| 223. | TS 138 141-1 | 5G; NR; Base Station (BS) conformance testing Part 1: |
| | V15.4.0:2020 | Conducted conformance testing (3GPP TS 38.141-1 version |
| | | 15.4.0 Release 15) |
| 224. | TS 138 141-2 | 5G; NR; Base Station (BS) conformance testing Part 2: |
| | V15.4.0:2020 | Radiated conformance testing (3GPP TS 38.141-2 version |
| | | 15.4.0 Release 15) |
| 225. | TS 138 104 | 5G; NR; Base Station (BS) radio transmission and reception |
| | V15.8.0:2020 | (3GPP TS 38.104 version 15.8.0 Release 15) |
| 226. | | 5G; NR; Base Station (BS) ElectroMagnetic Compatibility |
| | V15.8.0:2020 | (EMC) (3GPP TS 38.113 version 15.8.0 Release 15) |
| 227. | TS 138 171 | 5G; NR; Requirements for support of Assisted Global |
| | V15.2.0:2020 | Navigation Satellite System (A-GNSS) (3GPP TS 38.171 |
| | | version 15.2.0 Release 15) |
| 228. | TS 138 202 | 5G; NR; Services provided by the physical layer (3GPP TS |
| | V15.6.0:2020 | 38.202 version 15.6.0 Release 15) |

| 220 | TC 120 015 | 5C. ND. Divisional lower measurements (2CDD TS 20 215 version |
|------|---------------|---|
| 229. | TS 138 215 | 5G; NR; Physical layer measurements (3GPP TS 38.215 version |
| 220 | V15.6.0:2020 | 15.6.0 Release 15) |
| 230. | TS 138 211 | 5G; NR; Physical channels and modulation (3GPP TS 38.211 |
| 0.01 | V15.8.0:2020 | version 15.8.0 Release 15) |
| 231. | | 5G; NR; Multiplexing and channel coding (3GPP TS 38.212 |
| | V15.8.0:2020 | version 15.8.0 Release 15) |
| 232. | TS 138 213 | 5G; NR; Physical layer procedures for control (3GPP TS 38.213 |
| | V15.8.0:2020 | version 15.8.0 Release 15) |
| 233. | TS 138 214 | 5G; NR; Physical layer procedures for data (3GPP TS 38.214 |
| | V15.8.0:2020 | version 15.8.0 Release 15) |
| 234. | TS 131 124 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | V15.6.0:2020 | 5G; Mobile Equipment (ME) conformance test specification; |
| | | Universal Subscriber Identity Module Application Toolkit |
| | | (USAT) conformance test specification (3GPP TS 31.124 |
| | | version 15.6.0 Release 15) |
| 235. | TS 151 010-4 | Digital cellular telecommunications system (Phase 2+) (GSM); |
| | V15.2.0:2020 | Mobile Station (MS) conformance specification; Part 4: |
| | | Subscriber Identity Module (SIM) application toolkit |
| | | conformance test specification (3GPP TS 51.010-4 version |
| | | 15.2.0 Release 15) |
| 236. | TS 138 101-1 | 5G; NR; User Equipment (UE) radio transmission and |
| | V15.8.2:2020 | reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 |
| | | version 15.8.2 Release 15) |
| 237. | TS 137 104 | Digital cellular telecommunications system (Phase 2+) (GSM); |
| | V15.9.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | | 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard |
| | | Radio (MSR) Base Station (BS) radio transmission and |
| | | reception (3GPP TS 37.104 version 15.9.0 Release 15) |
| 238. | TS 137 105 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | V15.8.0:2020 | Active Antenna System (AAS) Base Station (BS) transmission |
| | | and reception (3GPP TS 37.105 version 15.8.0 Release 15) |
| 239. | TS 137 113 | Digital cellular telecommunications system (Phase 2+) (GSM); |
| | V15.8.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | | NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio |
| | | (MSR) Base Station (BS) Electromagnetic Compatibility |
| 0.10 | TTG 107 114 | (EMC) (3GPP TS 37.113 version 15.8.0 Release 15) |
| 240. | TS 137 114 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | V15.7.0:2020 | Active Antenna System (AAS) Base Station (BS) |
| | | Electromagnetic Compatibility (EMC) (3GPP TS 37.114 |
| 0.41 | TC 107 141 | version 15.7.0 Release 15) |
| 241. | | Digital cellular telecommunications system (Phase 2+) (GSM); |
| | V13.13.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | | 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard |
| | | Radio (MSR) Base Station (BS) conformance testing (3GPP TS |
| 0.42 | TR 107 141 | 37.141 version 13.13.0 Release 13) |
| 242. | TS 137 141 | Digital cellular telecommunications system (Phase 2+) (GSM); |

| | V14.11.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 14.11.0 Release 14) |
|------|-------------------------------|---|
| | TS 137 141 V15.9.0:2020 | Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 15.9.0 Release 15) |
| 244. | TS 137 145-1 V15.6.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 1: conducted conformance testing (3GPP TS 37.145-1 version 15.6.0 Release 15) |
| 245. | TS 137 145-2 V13.12.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 2: radiated conformance testing (3GPP TS 37.145- 2 version 13.12.0 Release 13) |
| 246. | TS 137 145-2 V14.10.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 2: radiated conformance testing (3GPP TS 37.145- 2 version 14.10.0 Release 14) |
| 247. | TS 137 145-2 V15.6.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 2: radiated conformance testing (3GPP TS 37.145- 2 version 15.6.0 Release 15) |
| 248. | TS 103 650-1 V1.1.1:2020 | EMTEL; Testing - Conformance test specifications for core elements for network independent access to emergency services (NG112); Part 1: Protocol Implementation Conformance Statement (PICS), Test Suite Structure and Test Purposes (TSS & TP) |
| 249. | TS 103 650-2 V1.1.1:2020 | EMTEL; Testing - Conformance test specifications for core elements for network independent access to emergency services (NG112); Part 2: Abstract Test Suite (ATS) and Protocol Implementation eXtra Information for Testing (PIXIT) |
| 250. | TS 103 643 V1.1.1:2020 | Techniques for assurance of digital material used in legal proceedings |
| 251. | TS 136 355 V15.6.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 15.6.0 Release 15) |
| 252. | TS 136 420 V15.2.0:2020 | LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 general aspects and principles (3GPP TS 36.420 version 15.2.0 Release 15) |
| 253. | V15.1.0:2020 | LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 data transport (3GPP TS 36.424 version 15.1.0 Release 15) |
| 254. | TS 137 460 | Universal Mobile Telecommunications System (UMTS); LTE; |

| | V15.2.0:2020 | 5G; Iuant interface: General aspects and principles (3GPP TS 37.460 version 15.2.0 Release 15) |
|------|-----------------------------|---|
| | TS 137 462 V15.2.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; 5G; Iuant interface: Signalling transport (3GPP TS 37.462 version 15.2.0 Release 15) |
| 256. | TS 137 466 V15.5.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; 5G; Iuant interface: Application part (3GPP TS 37.466 version 15.5.0 Release 15) |
| 257. | TS 138 412 V15.4.0:2020 | 5G; NG-RAN; NG signalling transport (3GPP TS 38.412 version 15.4.0 Release 15) |
| 258. | TS 138 413 V15.6.0:2020 | 5G; NG-RAN; NG Application Protocol (NGAP) (3GPP TS 38.413 version 15.6.0 Release 15) |
| 259. | TS 138 422 V15.4.0:2020 | 5G; NG-RAN; Xn signalling transport (3GPP TS 38.422 version 15.4.0 Release 15) |
| 260. | TS 138 470 V15.7.0:2020 | 5G; NG-RAN; F1 general aspects and principles (3GPP TS 38.470 version 15.7.0 Release 15) |
| 261. | TS 138 473 V15.8.0:2020 | 5G; NG-RAN; F1 Application Protocol (F1AP) (3GPP TS 38.473 version 15.8.0 Release 15) |
| 262. | TS 138 472 V15.6.0:2020 | 5G; NG-RAN; F1 signalling transport (3GPP TS 38.472 version 15.6.0 Release 15) |
| 263. | TS 138 463 V15.6.0:2020 | 5G; NG-RAN; E1 Application Protocol (E1AP) (3GPP TS 38.463 version 15.6.0 Release 15) |
| 264. | TS 136 211 V13.13.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.211 version 13.13.0 Release 13) |
| 265. | TS 136 212 V13.10.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (3GPP TS 36.212 version 13.10.0 Release 13) |
| 266. | TS 136 212 V14.11.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (3GPP TS 36.212 version 14.11.0 Release 14) |
| 267. | TS 136 212 V15.8.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (3GPP TS 36.212 version 15.8.0 Release 15) |
| 268. | TS 136 509 V15.3.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 15.3.0 Release 15) |
| 269. | TS 136 509 V14.7.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 14.7.0 Release 14) |
| 270. | TS 136 331 V13.15.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 13.15.0 Release 13) |
| 271. | TS 136 331 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); |

| | V14.13.0:2020 | Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 14.13.0 Release 14) |
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| 272. | TS 136 579-1 | LTE; Mission Critical (MC) services over LTE; Part 1: |
| | V14.5.0:2020 | Common test environment (3GPP TS 36.579-1 version 14.5.0 Release 14) |
| 273. | TS 138 300 V15.8.0:2020 | 5G; NR; Overall description; Stage-2 (3GPP TS 38.300 version 15.8.0 Release 15) |
| 274. | TS 131 102 V15.8.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; 5G; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 15.8.0 Release 15) |
| 275. | TS 131 111 V15.8.0:2020 | Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 15.8.0 Release 15) |
| 276. | TS 136 214 V15.5.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer; Measurements (3GPP TS 36.214 version 15.5.0 Release 15) |
| 277. | TS 136 304 V15.5.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 15.5.0 Release 15) |
| 278. | TS 136 306 V15.7.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 15.7.0 Release 15) |
| 279. | TS 136 321 V14.12.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 14.12.0 Release 14) |
| 280. | TS 136 321 V15.8.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 15.8.0 Release 15) |
| 281. | TS 136 323 V15.5.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 15.5.0 Release 15) |
| 282. | TS 138 304 V15.6.0:2020 | 5G; NR; User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 15.6.0 Release 15) |
| 283. | TS 138 321 V15.8.0:2020 | 5G; NR; Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 15.8.0 Release 15) |
| 284. | | 5G; NG Radio Access Network (NG-RAN); Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 15.5.0 Release 15) |
| 285. | TS 134 229-2 V15.2.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) specification (3GPP TS 34.229-2 version 15.2.0 Release |

| | | 15) |
|------|------------------------------|---|
| 286. | TS 134 229-3 V15.3.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 15.3.0 Release 15) |
| 287. | TR 103 593 V1.1.1:2020 | System Reference document (SRdoc); Transmission characteristics; Technical characteristics for radiodetermination equipment for ground based vehicular applications within the frequency range 77 GHz to 81 GHz |
| 288. | TR 105 177 V1.1.1:2020 | Access, Terminals, Transmission and Multiplexing (ATTM); Benefit Analysis of Ethernet and power over coaxial cables - IP Video Surveillance Case Studies |
| 289. | TR 103 546 V1.1.1:2020 | SmartM2M; Requirements & Feasibility study for Smart Lifts in IoT |
| 290. | TR 136 903 V14.4.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E- UTRAN); Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 14.4.0 Release 14) |
| 291. | TR 136 905 V15.5.0:2020 | LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E- UTRAN); Derivation of test points for radio transmission and reception conformance test cases (3GPP TR 36.905 version 15.5.0 Release 15) |
| 292. | TR 103 626 V1.1.1:2020 | Autonomic network engineering for the self-managing Future Internet (AFI); An Instantiation and Implementation of the Generic Autonomic Network Architecture (GANA) Model onto Heterogeneous Wireless Access Technologies using Cognitive Algorithms |
| 293. | TR 103 637 V1.1.1:2020 | Digital Enhanced Cordless Telecommunications (DECT); DECT-2020 New Radio (NR) interface; Study on Security Architecture |
| 294. | TR 101 607 V1.2.1:2020 | Intelligent Transport Systems (ITS); Cooperative ITS (C-ITS); Release 1 |
| | TR 103 576-2 V1.1.1:2020 | Intelligent Transport Systems (ITS); Pre-standardization study on ITS architecture; Part 2: Interoperability among heterogeneous ITS systems and backward compatibility |
| 296. | TS 132 298 V15.9.0:2020 | Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 15.9.0 Release 15) |
| 297. | TS 129 571 V15.6.0:2020 | 5G; 5G System; Common Data Types for Service Based Interfaces; Stage 3 (3GPP TS 29.571 version 15.6.0 Release 15) |

| 298. | EG 203 336 | Guide for the selection of technical parameters for the |
|------|--------------|--|
| | V1.2.1:2020 | production of Harmonised Standards covering article 3.1(b) and |
| | | article 3.2 of Directive 2014/53/EU |
| 299. | TS 129 519 | 5G; 5G System; Usage of the Unified Data Repository Service |
| | V15.6.0:2020 | for Policy Data, Application Data and Structured Data for |
| | | Exposure; Stage 3 (3GPP TS 29.519 version 15.6.0 Release 15) |
| 300. | TS 132 274 | Digital cellular telecommunications system (Phase 2+) (GSM); |
| | V15.3.0:2020 | Universal Mobile Telecommunications System (UMTS); LTE; |
| | | Telecommunication management; Charging management; Short |
| | | Message Service (SMS) charging (3GPP TS 32.274 version |
| | | 15.3.0 Release 15) |

"Metrology and measurements", 17 standards

| No. | Standard Number | Standard Title |
|-----|-----------------|--|
| 1. | EN ISO 10360- | Geometrical product specifications (GPS) - Acceptance and |
| | 5:2020 | reverification tests for coordinate measuring systems (CMS) |
| | | - Part 5: Coordinate measuring machines (CMMs) using |
| | | single and multiple stylus contacting probing systems using |
| | | discrete point and/or scanning measuring mode (ISO 10360- 5:2020) |
| 2. | EN ISO 13385- | Geometrical product specifications (GPS) - Dimensional |
| | 2:2020 | measuring equipment - Part 2: Design and metrological |
| | | characteristics of calliper depth gauges (ISO 13385-2:2020) |
| 3. | EN ISO 16610- | Geometrical product specifications (GPS) - Filtration - Part |
| | 29:2020 | 29: Linear profile filters: Wavelets (ISO 16610-29:2020) |
| 4. | EN ISO 16610- | Geometrical product specification (GPS) - Filtration - Part |
| | 61:2015/A1:2020 | 61: Linear areal filters - Gaussian filters - Amendment 1 |
| | | (ISO 16610-61:2015/Amd 1:2019) |
| 5. | EN ISO | Geometrical product specifications (GPS) - Transition |
| | 21204:2020 | specification (ISO 21204:2020) |
| | | |
| 6. | ISO 4373:2008 | Hydrometry - Water level measuring devices |
| 7. | ISO 3846:2008 | Hydrometry - Open channel flow measurement using |
| | | rectangular broad-crested weirs |
| 8. | ISO 3455:2007 | Hydrometry - Calibration of current-meters in straight open |
| | | tanks |
| 9. | ISO 2537:2007 | Hydrometry - Rotating-element current-meters |
| 10 | ISO 4366:2007 | Hydrometry - Echo sounders for water depth measurements |
| 11 | ISO 1088:2007 | Hydrometry - Velocity-area methods using current-meters |
| | | Collection and processing of data for determination of |
| | | uncertainties in flow measurement |

| 12 | ISO 4365:2005 | Liquid flow in open channels Sediment in streams and |
|----|----------------|---|
| | | canals Determination of concentration, particle size |
| | | distribution and relative density |
| 13 | ISO 11329:2001 | Hydrometric determinations - Measurement of suspended |
| | | sediment transport in tidal channels |
| 14 | ISO 4363:2002 | Measurement of liquid flow in open channels - Methods for |
| | | measurement of characteristics of suspended sediment |
| 1. | ISO 4362:1999 | Hydrometric determinations - Flow measurement in open |
| | | channels using structures - Trapezoidal broad-crested weirs |
| 10 | ISO 14139:2000 | Hydrometric determinations - Flow measurements in open |
| | | channels using structures - Compound gauging structures |
| 17 | ISO 13550:2002 | Hydrometric determinations - Flow measurements in open |
| | | channels using structures - Use of vertical underflow gates |
| | | and radial gates |

"Petroleum products, lubricants and related products", 20 standards

| No | Ston dand Namehan | Stondard Title |
|-----|--------------------|--|
| No. | Standard Number | Standard Title |
| 1. | EN ISO 20321:2020 | Petroleum, petrochemical and natural gas industries - |
| | | Safety of machineries - Powered elevators (ISO |
| | | 20321:2020) |
| 2. | CEN/TR 15367- | Petroleum products - Guidelines for good housekeeping - |
| | 1:2020 | Part 1: Automotive diesel fuels |
| 3. | CEN/TR 17491:2020 | Automotive fuels - Information on aniline, N-methyl |
| | | aniline, N-ethyl aniline, N,N di-methyl aniline and |
| | | secondary-butyl acetate when used as blending |
| | | components in unleaded petrol |
| 4. | EN ISO 12922:2020 | Lubricants, industrial oils and related products (class L) - |
| | | Family H (Hydraulic systems) - Specifications for |
| | | hydraulic fluids in categories HFAE, HFAS, HFB, HFC, |
| | | HFDR and HFDU (ISO 12922:2020) |
| 5. | EN ISO | Liquefied petroleum gases - Assessment of the dryness of |
| | 13758:1996/A1:2020 | propane - Valve freeze method - Amendment 1 (ISO |
| | | 13758:1996/Amd 1:2020) |
| 6. | EN ISO 14935:2020 | Petroleum and related products - Determination of wick |
| 1 | | flame persistence of fire-resistant fluids (ISO |
| | | 14935:2020) |
| 7. | EN ISO 4259-3:2020 | Petroleum and related products - Precision of |
| | | measurement methods and results - Part 3: Monitoring |
| 1 | | and verification of published precision data in relation to |
| | | methods of test (ISO 4259-3:2020) |
| 8. | EN ISO 8222:2020 | Petroleum measurement systems - Calibration - |

| | | T 7 1 , 1 1 (* 1 1 |
|-----|---------------------|---|
| | | Volumetric measures, proving tanks and field measures |
| | | (including formulae for properties of liquids and |
| | | materials) (ISO 8222:2020) |
| 9. | EN ISO | Liquefied petroleum gases - Calculation method for |
| | 8973:1999/A1:2020 | density and vapour pressure - Amendment 1 (ISO |
| | | 8973:1997/Amd 1:2020) |
| 10. | EN ISO 14935:2020 | Petroleum and related products - Determination of wick |
| | | flame persistence of fire-resistant fluids (ISO |
| | | 14935:2020) |
| 11. | | Petroleum and related products - Precision of |
| | EN ISO 4259-3:2020 | measurement methods and results - Part 3: Monitoring |
| | | and verification of published precision data in relation to |
| | | methods of test (ISO 4259-3:2020) |
| 12. | EN ISO 8222:2020 | Petroleum measurement systems - Calibration - |
| | | Volumetric measures, proving tanks and field measures |
| | | (including formulae for properties of liquids and |
| | | materials) (ISO 8222:2020) |
| 13. | EN 267:2020 | Forced draught burners for liquid fuels |
| 14. | EN 676:2020 | Forced draught burners for gaseous fuels |
| | EN 16436- | Rubber and plastics hoses, tubing and assemblies for use |
| 15. | 1:2014+A3:2020 | with propane and butane and their mixtures in the vapour |
| | | phase - Part 1: Hoses and tubings |
| 16. | EN 484:2019/AC:2020 | Specification for dedicated liquefied petroleum gas |
| | | appliances - Independent stoves, including those |
| | | incorporating a grill for outdoor use |
| 17. | EN ISO 20024:2020 | Solid biofuels - Safe handling and storage of solid biofuel |
| | | pellets in commercial and industrial applications (ISO |
| | | 20024:2020) |
| 18. | EN ISO 20049-1:2020 | Solid biofuels - Determination of self-heating of |
| | | pelletized biofuels - Part 1: Isothermal calorimetry (ISO |
| | | 20049-1:2020) |
| 19. | EN ISO 21404:2020 | Solid biofuels - Determination of ash melting behaviour |
| | | (ISO 21404:2020) |
| 20. | EN ISO 21945:2020 | Solid biofuels - Simplified sampling method for small |
| | | scale applications (ISO 21945:2020) |
| | | |

Ceramic in building. Advanced Ceramics. Refractory products and materials. Thermal insularity, 29 standards

| No. | Standard | Standard Title |
|-----|----------|----------------|
| | Number | Standard Title |

| - | | |
|-----|-------------|---|
| 1. | EN ISO | Thermal insulating products for building applications - |
| | 16536:2019 | Determination of long-term water absorption by diffusion (ISO |
| | | 16536:2019) |
| 2. | EN 16809- | Thermal insulation products of buildings - In-situ formed products |
| | 1:2019 | from loose-fill expanded polystyrene (EPS) beads and bonded |
| | | expanded polystyrene beads - Part 1: Specification for the bonded |
| | | and loose-fill products before installation |
| 3. | EN | Thermal insulation products for building applications - |
| | 13494:2019 | Determination of the tensile bond strength of the adhesive and of |
| | | the base coat to the thermal insulation material |
| 4. | EN ISO | Thermal insulating products for building applications - |
| | 29767:2019 | Determination of short-term water absorption by partial immersion |
| | | (ISO 29767:2019) |
| 5. | EN ISO | Thermal insulating products for building applications - |
| | 16535:2019 | Determination of long-term water absorption by immersion (ISO |
| | | 16535:2019) |
| 6. | EN 508- | Roofing and cladding products from metal sheet - Specification for |
| | 2:2019 | self-supporting products of steel, aluminium or stainless steel sheet |
| | | - Part 2: Aluminium |
| 7. | EN 507:2019 | Roofing and cladding products from metal sheet - Specification for |
| | | fully supported products of aluminium sheet |
| 8. | EN ISO | Thermal insulating products for building applications - |
| | 16536:2019 | Determination of long-term water absorption by diffusion (ISO |
| | | 16536:2019) |
| 9. | EN | Thermal insulation products for building applications - |
| | 13495:2019 | Determination of the pull-off resistance of external thermal |
| | | insulation composite systems (ETICS) (foam block test) |
| 10. | EN ISO | Fine ceramics (advanced ceramics, advanced technical ceramics) - |
| | 20504:2019 | Mechanical properties of ceramic composites at room temperature - |
| | | Determination of compressive properties (ISO 20504:2019) |
| | | |
| 11. | ISO | Fine ceramics (advanced ceramics, advanced technical ceramics) - |
| | 21822:2019 | Measurement of iso-electric point of ceramic powder |
| 12. | ISO | Fine ceramics (advanced ceramics, advanced technical ceramics) - |
| | 18754:2020 | Determination of density and apparent porosity |
| 13. | ISO | Fine ceramics (advanced ceramics, advanced technical ceramics) - |
| | 21712:2020 | Test method for flexural bond strength of ceramics |
| 14. | ISO | Fine ceramics (advanced ceramics, advanced technical ceramics) - |
| | 21713:2020 | Determination of elastic modulus of ceramics at high temperature |
| | | by thin wall C-ring method |
| 15. | ISO | Fine ceramics (advanced ceramics, advanced technical ceramics) - |
| | 22551:2020 | Determination of bacterial reduction rate by semiconducting |
| | | photocatalytic materials under indoor lighting environment - Semi- |
| | | dry method for estimating antibacterial activity on the actual |
| | | environmental bacteria contamination surface |
| 16. | ISO | Fine ceramics (advanced ceramics, advanced technical ceramics) - |

| | | - |
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| | 23242:2020 | Test method for flexural strength of monolithic ceramic thin plates |
| | | at room temperature by three-point or four-point bending |
| 17. | ISO | Fine ceramics (advanced ceramics, advanced technical ceramics) - |
| | 23458:2020 | Test method for determining thermal expansion coefficient and |
| | | residual stress of CVD ceramic coatings |
| 18. | ISO 17738- | Thermal insulation products - Exterior insulation and finish systems |
| | 1:2017 | - Part 1: Materials and systems |
| 19. | ISO 17738- | Thermal insulation products - Exterior insulation and finish systems |
| | 2:2019 | (EIFS) - Part 2: Installation |
| 20. | ISO 17738- | Thermal insulation products - Exterior insulation and finish systems |
| | 3:2019 | (EIFS) - Part 3: Design requirements |
| 21. | ISO | Thermal insulation products - Sheep wool mat and board - |
| | 17749:2018 | Specification |
| 22. | ISO | Thermal insulation for building equipment and industrial |
| | 20310:2018 | installations - Aluminosilicate wool products - Specification |
| 23. | ISO 21105- | Performance of buildings - Building enclosure thermal performance |
| | 1:2019 | verification and commissioning - Part 1: General requirements |
| 24. | ISO 9869- | Thermal insulation - Building elements - In-situ measurement of |
| | 1:2014 | thermal resistance and thermal transmittance - Part 1: Heat flow |
| | | meter method |
| 25. | ISO 9869- | Thermal insulation - Building elements - In-situ measurement of |
| | 2:2018 | thermal resistance and thermal transmittance - Part 2: Infrared |
| | | method for frame structure dwelling |
| 26. | ISO | Thermal insulating products for building applications - |
| | 16535:2019 | Determination of long-term water absorption by immersion |
| 27. | ISO | Thermal insulating products for building applications - |
| | 16536:2019 | Determination of long-term water absorption by diffusion |
| 28. | ISO | Thermal performance of windows and doors - Determination of |
| | 19467:2017 | solar heat gain coefficient using solar simulator |
| 29. | ISO | Preparation of silicon carbide and similar materials for analysis by |
| | 16169:2018 | ISO 12677 X-ray fluorescence (XRF) - Fused cast-bead method |

"Safety of machinery and fire safety", 26 standards

| No. | Standard Number | Standard Title |
|-----|-----------------|---|
| 1. | EN 81-20:2020 | Safety rules for the construction and installation of lifts - |
| | | Lifts for the transport of persons and goods - Part 20: |
| | | Passenger and goods passenger lifts |
| 2. | EN 54- | Fire detection and fire alarm systems - Part 22: Resettable |
| | 22:2015+A1:2020 | line-type heat detectors |
| 3. | CEN ISO/TR | Safety of machinery - Relationship with ISO 12100 - Part 4: |
| | 22100-4:2020 | Guidance to machinery manufacturers for consideration of |

| | | related IT-security (cyber security) aspects (ISO/TR 22100- 4:2018) |
|-----|--------------------------------|--|
| 4. | EN ISO 9241- 110:2020 | Ergonomics of human-system interaction - Part 110: Interaction principles (ISO 9241-110:2020) |
| 5. | EN 13381-10:2020 | Test methods for determining the contribution to the fire resistance of structural members - Part 10: Applied protection to solid steel bars in tension |
| 6. | EN 1363-1:2020 | Fire resistance tests - Part 1: General requirements |
| 7. | EN 13823:2020 | Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item |
| 8. | EN 15269- 1:2019/AC:2020 | Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 1: General requirements |
| 9. | EN ISO 11925- 2:2020 | Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test (ISO 11925-2:2020) |
| 10. | EN 1459- 1:2017+A1:2020 | Rough-terrain trucks - Safety requirements and verification - Part 1: Variable-reach trucks |
| 11. | EN 16796-6:2020 | Energy efficiency of Industrial trucks - Test methods - Part 6: Container straddle carrier |
| 12. | EN 16842- 9:2019/AC:2020 | Powered industrial trucks - Visibility - Test methods and verification - Part 9: Order-picking, lateral- and front- stacking trucks with elevating operator position |
| 13. | EN 17314:2020 | Industrial trucks - Specifications and test methods - Operator restraint systems other than lap-type seat belts |
| 14. | EN ISO 3691- 1:2015/A1:2020 | Industrial trucks - Safety requirements and verification - Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks - Amendment 1 (ISO 3691-1:2011/Amd 1:2020) |
| 15. | EN ISO 3691- 4:2020 | Industrial trucks - Safety requirements and verification - Part 4: Driverless industrial trucks and their systems (ISO 3691- 4:2020) |
| 16. | EN ISO 3691- 5:2015/A1:2020 | Industrial trucks - Safety requirements and verification - Part 5: Pedestrian-propelled trucks - Amendment 1 (ISO 3691- 5:2014/Amd 1:2020) |
| 17. | EN 1009-1:2020 | Machines for mechanical processing of minerals and similar solid materials - Safety - Part 1: Common requirements for machinery and processing plants |
| 18. | EN 1009-2:2020 | Machines for mechanical processing of minerals and similar solid materials - Safety - Part 2: Specific requirements for feeding machinery and continuous handling equipment |
| 19. | EN 1009-3:2020 | Machines for mechanical processing of minerals and similar solid materials - Safety - Part 3: Specific requirements for crushing and milling machinery |

| 20. | EN 1009-4:2020 | Machines for mechanical processing of minerals and similar solid materials - Safety - Part 4: Specific requirements for screening machinery |
|-----|-------------------------|--|
| 21. | EN 1009-5:2020 | Machines for mechanical processing of minerals and similar solid materials - Safety - Part 5: Specific requirements for cleaning, recycling, sorting and mud treatment machinery |
| 22. | 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) |
| 23. | EN ISO 7096:2020 | Earth-moving machinery - Laboratory evaluation of operator seat vibration (ISO 7096:2020) |
| 24. | EN 14276-1:2020 | Pressure equipment for refrigerating systems and heat pumps - Part 1: Vessels - General requirements |
| 25. | EN 14276-2:2020 | Pressure equipment for refrigerating systems and heat pumps - Part 2: Piping - General requirements |
| 26. | EN 14624:2020 | Performance of portable locating leak detectors and of fixed gas detectors for all refrigerants |

"Glass", 11 standards

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| No. | Standard Number | Standard Title |
| 1. | ISO 12822:2020 | Glass packaging - 26 H 126 crown finish — Dimensions |
| 2. | ISO 12821:2019 | Glass packaging — 26 H 180 crown finish — Dimensions |
| 3. | ISO/TS 18178:2018 | Glass in building - Laminated solar photovoltaic glass for use in |
| | | buildings |
| 4. | ISO 19916-1:2018 | Glass in building - Vacuum insulating glass - Part 1: Basic |
| | | specification of products and evaluation methods for thermal and |
| | | sound insulating performance |
| 5. | ISO 16932:2020 | Glass in building - Destructive-windstorm-resistant security glazing - |
| | | Test and classification |
| 6. | ISO 16936-1:2020 | Glass in building - Forced-entry security glazing - Part 1: Test and |
| | | classification by repetitive ball drop |
| 7. | ISO 6486-1:2019 | Ceramic ware, glass ceramic ware and glass dinnerware in contact |
| | | with food - Release of lead and cadmium - Part 1: Test method |
| 8. | ISO 7086-1:2019 | Glass hollowware in contact with food - Release of lead and cadmium |
| | | - Part 1: Test method |
| 9. | ISO 16934:2007/Cor | Glass in building - Explosion-resistant security glazing - |
| | 1:2008 | Test and classification by shock-tube loading |
| | | |
| 10. | ISO 16933:2007/Cor | Glass in building Explosion-resistant security glazing |

| | 1:2008 | Test and classification for arena air-blast loading |
|-----|------------------------------|--|
| 11. | ISO 16935:2007/Cor 1:2008 | Glass in building Bullet-resistant security glazing Test and classification |

"Metals and their alloys", 37 standards

| No. | Standard Number | Standard Title |
|-----|------------------------|--|
| 1. | EN 1676:2020 | Aluminium and aluminium alloys - Alloyed ingots for remelting - Specifications |
| 2. | EN 1706:2020 | Aluminium and aluminium alloys - Castings - Chemical composition and mechanical properties |
| 3. | EN ISO 2106:2020 | Anodizing of aluminium and its alloys - Determination of mass per unit area (surface density) of anodic oxidation coatings - Gravimetric method (ISO 2106:2019) |
| 4. | CEN/TS 13388:2020 | Copper and copper alloys - Compendium of compositions and products |
| 5. | EN 12735- 1:2020 | Copper and copper alloys - Seamless, round tubes for air conditioning and refrigeration - Part 1: Tubes for piping systems |
| 6. | EN ISO 10111:2019 | Metallic and other inorganic coatings - Measurement of mass per unit area - Review of gravimetric and chemical analysis methods (ISO 10111:2019) |
| 7. | EN ISO 14713-2:2020 | Zinc coatings - Guidelines and recommendations for the protection against corrosion of iron and steel in structures - Part 2: Hot dip galvanizing (ISO 14713-2:2019) |
| 8. | EN ISO 7526:2020 | Ferronickels - Determination of sulfur content - Infrared absorption method after induction furnace combustion (ISO 7526:2020) |
| 9. | ISO/TS 7705:2017 | Guidelines for specifying Charpy V-notch impact prescriptions in steel specifications |
| 10. | ISO 22055:2019 | Switch and crossing rails |
| 11. | ISO 5948:2018 | Railway rolling stock material - Ultrasonic acceptance testing |
| 12. | ISO 5003:2016 | Flat bottom (Vignole) railway rails 43 kg/m and above |
| 13. | ISO 5948:2018 | Railway rolling stock material - Ultrasonic acceptance testing |

| 14. | ISO 6305- | Railway components - Technical delivery requirements - Part 2: |
|------|--------------|---|
| | 2:2007 | Non-alloy carbon steel baseplates |
| 15. | ISO 6305- | Railway components - Technical delivery requirements - Part 3: |
| | 3:1983 | Steel sleepers |
| 16. | ISO 6305- | Railway components - Technical delivery requirements - Part 4: |
| | 4:1985 | Untreated steel nuts and bolts and high-strength nuts and bolts for |
| | | fish-plates and fastenings |
| 17. | ISO | Zinc alloys - Determination of magnesium content - Flame atomic |
| | 3750:2006 | absorption spectrometric method |
| 18. | ISO | Zinc alloys - Determination of aluminium content - Titrimetric |
| | 1169:2006 | method |
| 19. | ISO | Zinc alloys - Determination of magnesium content - Flame atomic |
| | 3750:2006 | absorption spectrometric method |
| 20. | ISO | Zinc and zinc alloys - Castings - Specifications |
| | 15201:2006 | |
| 21. | ISO | Zinc and zinc alloys - Method of sampling - Specifications |
| | 20081:2005 | |
| 22. | ISO 185:2020 | Grey cast irons - Classification |
| 23. | ISO | Founding - Ausferritic spheroidal graphite cast irons - |
| | 17804:2020 | Classification |
| 24. | ISO | Welding for aerospace applications - Resistance spot and seam |
| | 16338:2017 | welding |
| 25. | ISO | Welding for aerospace applications - Welding information in |
| | 17533:2015 | design documents |
| 26. | ISO 17927- | Welding for aerospace applications - Fusion welding of metallic |
| | 1:2020 | components - Part 1: Process specification |
| 27. | ISO 17927- | Welding for aerospace applications - Fusion welding of metallic |
| | 2:2020 | components - Part 2: Acceptance criteria |
| 28. | ISO | Welding for aerospace applications - Visual inspection of welds |
| | 19828:2017 | |
| 29. | ISO | Welding for aerospace applications - Qualification test for welders |
| | 24394:2018 | and welding operators - Fusion welding of metallic components |
| 30. | ISO | Aluminium alloy castings - Visual method for assessing porosity |
| - 21 | 10049:2019 | |
| 31. | ISO | Aluminium and aluminium alloys - Foil and thin strip - |
| | 7271:2011 | Dimensional tolerances |
| 32. | ISO 6363- | Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, |
| | 1:2012 | tubes and wires - Part 1: Technical conditions for inspection and |
| - 22 | 100 (2(2 | delivery |
| 33. | ISO 6363- | Wrought aluminium and aluminium alloys - Cold-drawn rods/bars |
| 24 | 2:2012 | and tubes and wires - Part 2: Mechanical properties |
| 34. | ISO 6363- | Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, |
| | 3:2012 | tubes and wires - Part 3: Drawn round bars and wires - Tolerances |
| | | on form and dimensions (symmetric plus and minus tolerances on |
| 25 | 150 (2(2 | diameter) |
| 35. | ISO 6363- | Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, |

| | 4:2012 | tubes and wires - Part 4: Drawn rectangular bars and wires - Tolerances on form and dimensions |
|-----|---------------------|--|
| 36. | ISO 6363- 5:2012 | Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, tubes and wires - Part 5: Drawn square and hexagonal bars and wires - Tolerances on form and dimensions |

"Sports, playground and other recreational equipment", 27 standards

| No. | Standard Number | Standard Title |
|-----|--------------------|---|
| 1. | EN 17229:2019 | Fitness centres - Requirements for centre amenities and |
| | | operation - Operational and managerial requirements |
| 2. | EN | Playing field equipment - Portable and permanent |
| | 16579:2018+AC:2019 | socketed goals - Functional, safety requirements and |
| | | test methods |
| 3. | EN 893:2019 | Mountaineering equipment - Crampons - Safety |
| | | requirements and test methods |
| 4. | EN 913:2018 | Gymnastic equipment - General safety requirements |
| | | and test methods |
| 5. | EN 14836:2018 | Surfaces for sports areas - Synthetic surfaces for |
| | | outdoor sports areas - Test method for artificial |
| | | weathering |
| 6. | EN 13878:2019 | Leisure accommodation vehicles - Terms and |
| | | definitions |
| 7. | EN 721:2019 | Leisure accommodation vehicles - Safety ventilation |
| | | requirements |
| 8. | EN 15898:2019 | Conservation of cultural heritage - Main general terms |
| | | and definitions |
| 9. | EN 17121:2019 | Conservation of cultural heritage - Historic timber |
| | | structures - Guidelines for the on-site assessment of |
| | | load-bearing timber structures |
| 10. | EN 1176- | Playground equipment and surfacing - Part 2: |
| | 2:2017+AC:2019 | Additional specific safety requirements and test |
| | | methods for swings |
| 11. | EN 1176-7:2020 | Playground equipment and surfacing - Part 7: |
| | | Guidance on installation, inspection, maintenance and |
| | | operation |
| 12. | EN 14619:2019 | Roller sports equipment - Kick scooters - Safety |
| | | requirements and test methods |
| 13. | EN 14960-2:2019 | Inflatable play equipment - Part 2: Additional safety |
| | | requirements for inflatable bouncing pillows intended |
| | | for permanent installation |
| 14. | EN 15567- | Sports and recreational facilities - Ropes courses - Part |
| | 1:2015+A1:2020 | 1: Construction and safety requirements |

| 15. | EN | Paragliding equipment - Harnesses - Safety |
|-----|-------------------|---|
| 15. | | |
| 16 | 1651:2018+A1:2020 | requirements and strength tests |
| 16. | EN 17109:2020 | Mountaineering equipment - Individual safety systems |
| | | for rope courses - Safety requirements and test |
| | | methods |
| 17. | EN 17232:2020 | Water play equipment and features - Safety |
| | | requirements, test methods and operational |
| | | requirements |
| 18. | EN 914:2020 | Gymnastic equipment - Parallel bars and combination |
| | | asymmetric/parallel bars - Requirements and test |
| | | methods including safety |
| 19. | EN ISO 21853:2020 | Kite boarding - Release system - Safety requirements |
| | | and test methods (ISO 21853:2020) |
| 20. | EN ISO 5912:2020 | Camping tents - Requirements and test methods (ISO |
| | | 5912:2020) |
| 21. | EN 1517:2020 | Surfaces for sports areas - Determination of resistance |
| | | to impact |
| 22. | EN 1569:2020 | Surfaces for sports areas - Determination of the |
| | | behaviour under a rolling load |
| 23. | EN 17324:2020 | Surfaces for sports areas - Test method for the |
| | | determination of the resistance to dynamic fatigue of |
| | | shock pads and sports surfaces |
| 24. | EN 17326:2020 | Surfaces for sports areas - Determination of |
| | | dimensional stability of shock pads used within sports |
| | | systems |
| 25. | EN 17409:2020 | Surfaces for sports areas - Code of practice for the |
| | | sampling of performance infills used within synthetic |
| | | turf surfaces |
| 26. | EN 17406:2020 | Classification for bicycles usage |
| 27. | EN 17187:2020 | Conservation of Cultural Heritage - Characterization of |
| | | mortars used in cultural heritage |
| L | L | mortano upou in cultura nortango |

"Tractors and machinery for agriculture and forestry", 15 standards

| No. | Standard Number | Standard Title |
|-----|------------------|---|
| 1. | EN 17344:2020 | Agricultural machinery - Self-propelled agricultural and |
| | | forestry vehicles - Requirements for braking |
| 2. | EN ISO 4254- | Agricultural machinery - Safety - Part 11: Pick-up balers - |
| | 11:2010/A1:2020 | Amendment 1 (ISO 4254-11:2010/Amd 1:2020) |
| 3. | EN ISO 4254- | Agricultural machinery - Safety - Part 6: Sprayers and liquid |
| | 6:2020 | fertilizer distributors (ISO 4254-6:2020) |
| 4. | ISO 11680-1:2011 | Machinery for forestry Safety requirements and testing |

| | | for pole-mounted powered pruners Part 1: Machines fitted |
|-----|-------------------|--|
| | | with an integral combustion engine |
| 5. | ISO 11680-2:2011 | Machinery for forestry Safety requirements and testing |
| | | for pole-mounted powered pruners Part 2: Machines for |
| | | use with back-pack power source |
| 6. | ISO 11001-1:2016 | Agricultural wheeled tractors Three-point hitch couplers - |
| 7. | ISO 11681-1:2011 | Part 1: U-frame couplerMachinery for forestry Portable chain-saw safety |
| /. | 150 11001-1.2011 | requirements and testing Part 1: Chain-saws for forest |
| | | service |
| 8. | ISO 11681-2:2011 | Machinery for forestry Portable chain-saw safety |
| | | requirements and testing Part 2: Chain-saws for tree |
| | | service |
| 9. | ISO 11681- | Machinery for forestry Portable chain-saw safety |
| | 2:2011/Amd 1:2017 | requirements and testing Part 2: Chain-saws for tree |
| 10 | 100 1100 6 1 0011 | service |
| 10. | ISO 11806-1:2011 | Agricultural and forestry machinery Safety requirements |
| | | and testing for portable, hand-held, powered brush-cutters |
| | | and grass-trimmers Part 1: Machines fitted with an integral combustion engine |
| 11. | ISO 11806-2:2011 | Agricultural and forestry machinery Safety requirements |
| | 150 11000 2.2011 | and testing for portable, hand-held, powered brush-cutters |
| | | and grass-trimmers Part 2: Machines for use with back- |
| | | pack power unit |
| 12. | ISO 12003-1:2008 | Agricultural and forestry tractors Roll-over protective |
| | | structures on narrow-track wheeled tractors Part 1: Front- |
| | | mounted ROPS |
| 13. | ISO 12003-2:2008 | Agricultural and forestry tractors Roll-over protective |
| | | structures on narrow-track wheeled tractors Part 2: Rear- |
| 1.4 | 100 10100 1 0010 | mounted ROPS |
| 14. | ISO 12188-1:2010 | Tractors and machinery for agriculture and forestry Test |
| | | procedures for positioning and guidance systems in agriculture Part 1: Dynamic testing of satellite-based |
| | | positioning devices |
| 15. | ISO 12188-2:2012 | Tractors and machinery for agriculture and forestry Test |
| | | procedures for positioning and guidance systems in |
| | | agriculture Part 2: Testing of satellite-based auto- |
| | | guidance systems during straight and level travel |

"Pulp, paper and board", 33 standards

| No. Standard Number Standard Title | |
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| 1. | EN ISO 18526-1:2020 | Eye and face protection - Test methods - Part 1: Geometrical optical properties (ISO 18526-1:2020) |
|-----|---------------------------------|---|
| 2. | EN ISO 18526-2:2020 | Eye and face protection - Test methods - Part 2 : Physical optical properties (ISO 18526-2:2020) |
| 3. | EN ISO 18526-3:2020 | Eye and face protection - Test methods - Part 3: Physical and mechanical properties (ISO 18526- 3:2020) |
| 4. | EN ISO 18526-4:2020 | Eye and face protection - Test methods - Part 4: Headforms (ISO 18526-4:2020) |
| 5. | CEN/TR 17512:2020 | Personal protective equipment - Smart garments - Terms and definitions |
| 6. | EN 17092-1:2020 | Protective garments for motorcycle riders - Part 1: Test methods |
| 7. | EN 17092-2:2020 | Protective garments for motorcycle riders - Part 2: Class AAA garments - Requirements |
| 8. | EN 17092-3:2020 | Protective garments for motorcycle riders - Part 3: Class AA garments - Requirements |
| 9. | EN 17092-4:2020 | Protective garments for motorcycle riders - Part 4: Class A garments - Requirements |
| 10. | EN 17092-5:2020 | Protective garments for motorcycle riders - Part 5: Class B garments - Requirements |
| 11. | EN 17092-6:2020 | Protective garments for motorcycle riders - Part 6: Class C garments - Requirements |
| 12. | EN 407:2020 | Protective gloves and other hand protective equipments against thermal risks (heat and/or fire) |
| 13. | EN 510:2019 | Specification for protective clothing for use where there is a risk of entanglement with moving parts |
| 14. | EN ISO 11393-2:2019 | Protective clothing for users of hand-held chainsaws – Part 2: Performance requirements and test methods for leg protectors (ISO 11393-2:2018) |
| 15. | EN ISO 11393-4:2019 | Protective clothing for users of hand-held chainsaws - Part 4: Performance requirements and test methods for protective gloves (ISO 11393-4:2018) |
| 16. | EN ISO 11393-5:2019 | Protective clothing for users of hand-held chainsaws - Part 5: Performance requirements and test methods for protective gaiters (ISO 11393-5:2018) |
| 17. | EN ISO 11393-6:2019 | Protective clothing for users of hand-held chainsaws - Part 6: Performance requirements and test methods for upper body protectors (ISO 11393-6:2018, Corrected version 2019-11) |
| 18. | EN ISO 15384:2020 | Protective clothing for firefighters - Laboratory test methods and performance requirements for wildland firefighting clothing (ISO 15384:2018) |
| 19. | EN ISO 18640- 1:2018/A1:2019 | Protective clothing for firefighters - Physiological impact - Part 1: Measurement of coupled heat and moisture transfer with the sweating torso - Amendment |

| | | 1 (ISO 18640-1:2018/Amd 1:2019) |
|-----|--------------------|---|
| 20. | EN ISO 18640- | Protective clothing for firefighters - Physiological |
| | 2:2018/A1:2019 | impact - Part 2: Determination of physiological heat |
| | | load caused by protective clothing worn by firefighters |
| | | - Amendment 1 (ISO 18640-2:2018/Amd 1:2019) |
| 21. | EN ISO 20320:2020 | Protective clothing for use in Snowboarding - Wrist |
| | | Protectors - Requirements and test methods (ISO |
| | | 20320:2020) |
| 22. | EN ISO | Protective clothing - Performance requirements for |
| | 27065:2017/A1:2019 | protective clothing worn by operators applying |
| | | pesticides and for re-entry workers - Amendment 1: |
| | | Surrogate test chemical (ISO 27065:2017/Amd 1:2019) |
| 23. | EN ISO 374-2:2019 | Protective gloves against dangerous chemicals and |
| | | micro-organisms - Part 2: Determination of resistance |
| | | to penetration (ISO 374-2:2019) |
| 24. | EN ISO 374-4:2019 | Protective gloves against dangerous chemicals and |
| | | micro-organisms - Part 4: Determination of resistance |
| | | to degradation by chemicals (ISO 374-4:2019) |
| 25. | ISO/TS 16973:2016 | Respiratory protective devices - Classification for |
| | | respiratory protective device (RPD), excluding RPD for |
| | | underwater application |
| 26. | ISO 22609:2004 | Clothing for protection against infectious agents - |
| | | Medical face masks - Test method for resistance against |
| | | penetration by synthetic blood (fixed volume, |
| | | horizontally projected) |
| 27. | ISO 13999-3:2002 | Protective clothing - Gloves and arm guards protecting |
| | | against cuts and stabs by hand knives - Part 3: Impact |
| | | cut test for fabric, leather and other materials |
| 28. | ISO 13999-2:2003 | Protective clothing - Gloves and arm guards protecting |
| | | against cuts and stabs by hand knives - Part 2: Gloves |
| | | and arm guards made of material other than chain mail |
| 29. | ISO 10333-4:2002 | Personal fall-arrest systems - Part 4: Vertical rails and |
| | | vertical lifelines incorporating a sliding-type fall |
| • | 100 10000 0 0000 | arrester |
| 30. | ISO 10333-3:2000 | Personal fall-arrest systems - Part 3: Self-retracting |
| 01 | | lifelines |
| 31. | ISO 16603:2004 | Clothing for protection against contact with blood and |
| | | body fluids - Determination of the resistance of |
| | | protective clothing materials to penetration by blood |
| 22 | 190 10222 2 2000 | and body fluids - Test method using synthetic blood |
| 32. | ISO 10333-2:2000 | Personal fall-arrest systems - Part 2: Lanyards and |
| 22 | 100 10222 1 2000 | energy absorbers |
| 33. | ISO 10333-1:2000 | Personal fall-arrest systems - Part 1: Full-body |
| | | harnesses |

"Pulp, paper and board", 9 standards

| No. | Standard Number | Standard Title |
|-----|-----------------------|---|
| 1. | ISO 20494:2017 | Paper - Requirements for stability for general graphic applications |
| 2. | ISO 12625- 9:2015 | Tissue paper and tissue products - Part 9: Determination of ball burst strength |
| 3. | ISO 12625- 3:2014 | Tissue paper and tissue products - Part 3: Determination of thickness, bulking thickness and apparent bulk density and bulk |
| 4. | ISO 12625- 11:2012 | Tissue paper and tissue products - Part 11: Determination of wet ball burst strength |
| 5. | ISO 12625- 7:2014 | Tissue paper and tissue products Part 7: Determination of optical properties Measurement of brightness and colour with D65/10° (outdoor daylight) |
| 6. | ISO 12625- 8:2010 | Tissue paper and tissue products - Part 8: Water-absorption time and water-absorption capacity, basket-immersion test method |
| 7. | ISO 12625- 1:2011 | Tissue paper and tissue products - Part 1: General guidance on terms |
| 8. | ISO 8784- 1:2014 | Pulp, paper and board - Microbiological examination - Part 1: Enumeration of bacteria and bacterial spores based on disintegration |
| 9. | ISO 12625- 12:2010 | Tissue paper and tissue products - Part 12: Determination of tensile strength of perforated lines - Calculation of perforation efficiency |

Technical Committee No. 175

"Round and sawn timber", 22 standards

| No. | Standard Number | Standard Title |
|-----|-----------------|---|
| 1. | EN 12404:2020 | Durability of wood and wood-based products - |
| | | Assessment of the effectiveness of masonry fungicide to |
| | | prevent growth into wood of Dry Rot Serpula lacrymans |
| | | (Schumacher ex Fries) S.F. Gray - Laboratory method |
| 2. | EN 1390:2020 | Wood preservatives - Determination of the eradicant |
| | | action against Hylotrupes bajulus (Linnaeus) larvae - |
| | | Laboratory method |
| 3. | EN 14128:2020 | Durability of wood and wood-based products - Efficacy |
| | | criteria for curative wood preservatives as determined by |
| | | biological tests |

| 4. | EN 73:2020 | Durability of wood and wood-based products - Accelerated ageing of treated wood prior to biological testing - Evaporative ageing procedure |
|-----|-----------------------------|--|
| 5. | EN 84:2020 | Durability of wood and wood-based products - Accelerated ageing of treated wood prior to biological testing - Leaching procedure |
| 6. | EN 131-4:2020 | Ladders - Part 4: Single or multiple hinge-joint ladders |
| 7. | EN 235:2020 | Wallcoverings - Vocabulary and symbols |
| 8. | EN ISO 8970:2020 | Timber structures - Testing of joints made with mechanical fasteners - Requirements for timber density (ISO 8970:2020) |
| 9. | EN ISO 19085-9:2020 | Woodworking machines - Safety - Part 9: Circular saw benches (with and without sliding table) (ISO 19085- 9:2019) |
| 10. | EN ISO 19085- 11:2020 | Woodworking machines - Safety - Part 11: Combined machines (ISO 19085-11:2020) |
| 11. | 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) |
| 12. | EN 14915:2013+A2:2020 | Solid wood panelling and cladding - Characteristics, requirements and marking |
| 13. | EN 17333-1:2020 | Characterisation of one component foam - Part 1: Foam yield characteristics |
| 14. | EN 17333-2:2020 | Characterisation of one component foam - Part 2: Expansion characteristics |
| 15. | EN 17333- 2:2020/AC:2020 | Characterisation of one component foam - Part 2: Expansion characteristics |
| 16. | EN 17333-3:2020 | Characterisation of one component foam - Part 3: Application |
| 17. | EN 17333-4:2020 | Characterisation of one component foam - Part 4: Mechanical strength |
| 18. | EN 17333-5:2020 | Characterisation of one component foam - Part 5: Insulation |
| 19. | EN ISO 17178:2020 | Adhesives - Adhesives for bonding parquet to subfloor - Test methods and minimum requirements (ISO 17178:2013) |
| 20. | EN 13150:2020 | Workbenches for laboratories in educational institutions - Dimensions, safety and durability requirements and test methods |
| 21. | EN 1335-1:2020 | Office furniture - Office work chair - Part 1: Dimensions - Determination of dimensions |
| 22. | EN 14988:2017+A1:2020 | Children's high chairs - Requirements and test methods |

| No. | Standard | Standard Title |
|-----|-----------------------------|---|
| | Number | |
| 1. | EN ISO | Fasteners - Hexagon socket countersunk head screws with |
| _ | 10642:2019 | reduced loadability (ISO 10642:2019) |
| 2. | EN ISO | Fasteners - Acceptance inspection (ISO 3269:2019) |
| 2 | 3269:2019 | |
| 3. | EN ISO 3506- | Fasteners - Mechanical properties of corrosion-resistant stainless |
| | 1:2020 | steel fasteners - Part 1: Bolts, screws and studs with specified |
| 4. | EN ISO 3506- | grades and property classes (ISO 3506-1:2020) Fasteners - Mechanical properties of corrosion-resistant stainless |
| 4. | 2:2020 | steel fasteners - Part 2: Nuts with specified grades and property |
| | 2.2020 | classes (ISO 3506-2:2020) |
| 5. | EN ISO | Fasteners - Hexagon socket countersunk head screws with |
| | 10642:2019 | reduced loadability (ISO 10642:2019) |
| 6. | EN ISO | Fasteners - Acceptance inspection (ISO 3269:2019) |
| | 3269:2019 | |
| 7. | EN ISO 3506- | Fasteners - Mechanical properties of corrosion-resistant stainless |
| | 1:2020 | steel fasteners - Part 1: Bolts, screws and studs with specified |
| | | grades and property classes (ISO 3506-1:2020) |
| 8. | EN ISO 3506- | Fasteners - Mechanical properties of corrosion-resistant stainless |
| | 2:2020 | steel fasteners - Part 2: Nuts with specified grades and property |
| - | | classes (ISO 3506-2:2020) |
| 9. | ISO 7053:2019 | Fasteners - Hexagon washer head tapping screws |
| 10. | ISO | Fasteners - Hexagon washer head drilling screws with tapping |
| | 15480:2019 | screw thread |
| | SSH EN ISO | |
| 11. | 15480:2004 ISO 1085:2016 | Assembly tools for sorous and puts. Double anded wronches |
| 11. | 130 1085:2010 | Assembly tools for screws and nuts - Double-ended wrenches - Size pairing |
| 12. | ISO 1711- | Assembly tools for screws and nuts - Technical specifications - |
| | 1:2019 | Part 1: Hand-operated wrenches and sockets |
| 13. | ISO 1711- | Assembly tools for screws and nuts - Technical specifications - |
| | 2:2019 | Part 2: Machine-operated sockets (impact) |
| 14. | ISO 2725- | Assembly tools for screws and nuts - Square drive sockets - Part |
| | 1:2017 | 1: Hand-operated sockets |
| 15. | ISO 2725- | Assembly tools for screws and nuts - Square drive sockets - Part |
| | 2:2017 | 2: Machine-operated sockets ("impact") |
| 16. | ISO 2725- | Assembly tools for screws and nuts - Square drive sockets - Part |
| | 3:2017 | 3: Machine-operated sockets ("non-impact") |
| 17. | ISO 2296:2018 | Metal slitting saws with fine and coarse teeth - Metric series |

"Threaded and non-threaded mechanical fasteners and accessories.", 29 standards

| 18. | ISO 2584:2016 | Cylindrical cutters with plain bore and key drive - Metric series |
|-----|---------------|---|
| | | |
| 19. | ISO 2780:2018 | Milling cutters with tenon drive - Interchangeability dimensions |
| | | for cutter arbors - Metric series |
| 20. | ISO 3364:2017 | Indexable hardmetal (carbide) inserts with rounded corners, with |
| | | cylindrical fixing hole - Dimensions |
| 21. | ISO 3365:2016 | Indexable hardmetal (carbide) inserts with wiper edges, without |
| | | fixing hole - Dimensions |
| 22. | ISO 10889- | Tool holders with cylindrical shank - Part 1: Cylindrical shank, |
| | 1:2004 | location bore - Technical delivery conditions |
| 23. | ISO 10889- | |
| 23. | | Tool holders with cylindrical shank - Part 2: Type A, shanks for |
| | 2:2016 | tool holders of special designs |
| 24. | ISO 10889- | Tool holders with cylindrical shank - Part 3: Type B with |
| | 3:2016 | rectangular radial seat |
| 25. | ISO 10889- | Tool holders with cylindrical shank - Part 4: Type C with |
| | 4:2016 | rectangular axial seat |
| 26 | | |
| 26. | ISO 10889- | Tool holders with cylindrical shank - Part 5: Type D with more |
| | 5:2016 | than one rectangular seat |
| 27. | ISO 10889- | Tool holders with cylindrical shank - Part 6: Type E with |
| | 6:2016 | cylindrical seat |
| 28. | ISO 10889- | Tool holders with cylindrical shank - Part 7: Type F with taper |
| -0. | 7:2016 | seat |
| | | |
| 29. | ISO 10889- | Tool holders with cylindrical shank - Part 8: Type Z, accessories |
| | 8:1997 | |

"Water, air and soil quality", 19 standards

| No. | Standard Number | Standard Title |
|-----|--------------------|---|
| 1. | EN ISO 21832:2020 | Workplace air - Metals and metalloids in airborne |
| | | particles - Requirements for evaluation of measuring |
| | | procedures (ISO 21832:2018) |
| 2. | EN ISO 22065:2019 | Workplace air - Gases and vapours - Requirements for |
| | | evaluation of measuring procedures using pumped |
| | | samplers (ISO 22065:2019) |
| 3. | EN 12873-3:2019 | Influence of materials on water intended for human |
| | | consumption - Influence due to migration - Part 3: Test |
| | | method for ion exchange and adsorbent resins |
| 4. | EN | Water supply - Specification for indirectly heated |
| | 12897:2016+A1:2020 | unvented (closed) storage water heaters |
| 5. | EN 17215:2019 | Chemicals used for treatment of water intended for human |
| | | consumption - Iron-based coagulants - Analytical methods |
| 6. | EN 13071-1:2019 | Stationary waste containers up to 5 000 l, top lifted and |

| | | bottom emptied - Part 1: General requirements |
|-----|-------------------|---|
| 7. | EN 13071-2:2019 | Stationary waste containers up to 5 000 l, top lifted and |
| | | bottom emptied - Part 2: Additional requirements for |
| | | underground or partly underground systems |
| 8. | EN 13071-3:2019 | Stationary waste containers up to 5 000 l, top lifted and |
| | | bottom emptied - Part 3: Recommended lifting |
| | | connections |
| 9. | EN 14803:2020 | Identification and/or determination of the quantity of |
| | | waste |
| 10. | EN 17366:2020 | Waste management - Access control to collection |
| | | containers - Identification and authorization |
| 11. | EN 840-1:2020 | Mobile waste and recycling containers - Part 1: Containers |
| | | with 2 wheels with a capacity up to 400 l for comb lifting |
| | | devices - Dimensions and design |
| 12. | EN 840-2:2020 | Mobile waste and recycling containers - Part 2: Containers |
| | | with 4 wheels with a capacity up to 1 300 l with flat lid(s), |
| | | for trunnion and/or comb lifting devices - Dimensions and |
| | | design |
| 13. | EN 840-3:2020 | Mobile waste and recycling containers - Part 3: Containers |
| | | with 4 wheels with a capacity up to 1 300 l with dome |
| | | lid(s), for trunnion and/or comb lifting devices - |
| | | Dimensions and design |
| 14. | EN 840-4:2020 | Mobile waste and recycling containers - Part 4: Containers |
| | | with 4 wheels with a capacity up to 1 700 l with flat lid(s), |
| | | for wide trunnion or BG- and/or wide comb lifting devices |
| | | - Dimensions and design |
| 15. | EN 840-5:2020 | Mobile waste and recycling containers - Part 5: |
| | | Performance requirements and test methods |
| 16. | EN 840-6:2020 | Mobile waste and recycling containers - Part 6: Safety and |
| | | health requirements |
| 17. | EN ISO 29464:2019 | Cleaning of air and other gases - Terminology (ISO |
| | | 29464:2017) |
| 18. | EN 17211:2019 | Water quality - Guidance on mapping of seagrasses and |
| | | macroalgae in the eulittoral zone |
| 19. | EN 17218:2019 | Water quality - Guidance on sampling of |
| | | mesozooplankton from marine and brackish water using |
| | | mesh |

"Railway applications", 22 standards

| No. | Standard Number | Standard Title |
|-----|-------------------|---|
| 1. | CEN/TR 17420:2020 | Railway applications - Vehicle end design for trams and |
| | | light rail vehicles with respect to pedestrian safety |

| 2. | CEN/TR 17469:2020 | Railway applications - Axle design method |
|-----|--------------------|--|
| 3. | EN 13230- | Railway applications - Track - Concrete sleepers and |
| | 4:2016+A1:2020 | bearers - Part 4: Prestressed bearers for switches and |
| | | crossings |
| 4. | EN 13230-6:2020 | Railway applications - Track - Concrete sleepers and |
| | | bearers - Part 6: Design |
| 5. | EN 13272-1:2019 | Railway applications - Electrical lighting for rolling stock |
| | | in public transport systems - Part 1: Heavy rail |
| 6. | EN 13272-2:2019 | Railway applications - Electrical lighting for rolling stock |
| | | in public transport systems - Part 2: Urban rail |
| 7. | EN 13674-2:2019 | Railway applications - Track - Rail - Part 2: Switch and |
| | | crossing rails used in conjunction with Vignole railway |
| | | rails 46 kg/m and above |
| 8. | EN 14033-4:2019 | Railway applications - Track - Railbound construction |
| | | and maintenance machines - Part 4: Technical |
| | | requirements for running, travelling and working on |
| | | urban rail |
| 9. | EN 14752:2019 | Railway applications - Bodyside entrance systems for |
| | | rolling stock |
| 10. | EN 14811:2019 | Railway applications - Track - Special purpose rail - |
| | | Grooved rails and associated construction profiles |
| 11. | EN 15152:2019 | Railway applications - Windscreens for trains |
| 12. | EN 15153-1:2020 | Railway applications - External visible and audible |
| | | warning devices - Part 1: Head, marker and tail lamps for |
| | | heavy rail |
| 13. | EN 15153-2:2020 | Railway applications - External visible and audible |
| | | warning devices - Part 2: Warning horns for heavy rail |
| 14. | EN 15153-3:2020 | Railway applications - External visible and audible |
| | | warning devices - Part 3: Visible warning devices for |
| | | urban rail |
| 15. | EN 15153-4:2020 | Railway applications - External visible and audible |
| | | warning devices - Part 4: Audible warning devices for |
| 1.5 | ENI 15007 0000 | urban rail |
| 16. | EN 15227:2020 | Railway applications - Crashworthiness requirements for |
| 17 | EN 15(11,2020 | rail vehicles |
| 17. | EN 15611:2020 | Railway applications - Braking - Relay valves |
| 18. | EN 16185- | Railway applications - Braking systems of multiple unit |
| 10 | 1:2014+A1:2020 | trains - Part 1: Requirements and definitions |
| 19. | EN 16185- | Railway applications - Braking systems of multiple unit |
| 20 | 2:2014+A1:2019 | trains - Part 2: Test methods |
| 20. | EN | Railway applications - Braking - Functional and |
| | 16207:2014+A1:2019 | performance criteria of Magnetic Track Brake systems |
| 01 | EN 16224 0.0000 | for use in railway rolling stock |
| 21. | EN 16334-2:2020 | Railway applications - Passenger alarm system - Part 2: |
| 22 | EN | System requirements for urban rail |
| 22. | EN | Railway applications - Ground based services - Vehicle |

16922:2017+A1:2019 waste water discharge equipment

Technical Committee No. 261

"Packaging", 9 standards

| No. | Standard Number | Standard Title |
|-----|--------------------|---|
| 1. | EN | Glass packaging - Crown cap - 26 mm diameter, 6 mm height |
| | 17220:2019 | crown cap |
| 2. | EN ISO | Packaging - Accessible design - Ease of opening (ISO |
| | 17480:2018 | 17480:2015) |
| 3. | EN ISO | Packaging - Complete, filled transport packages - General rules for |
| | 4180:2019 | the compilation of performance test schedules (ISO 4180:2019) |
| 4. | EN | Intermodal loading units and commercial vehicles - Lashing points |
| | 12640:2019 | for cargo securing - Minimum requirements and testing |
| 5. | EN 12641- | Intermodal loading units and commercial vehicles - Tarpaulins - |
| | 1:2019 | Part 1: Minimum requirements |
| 6. | EN 12641- | Intermodal loading units and commercial vehicles - Tarpaulins - |
| | 2:2019 | Part 2: Minimum requirements for curtainsiders |
| 7. | EN ISO | Glass packaging - 26 H 180 crown finish - Dimensions (ISO |
| | 12821:2019 | 12821:2019) |
| 8. | EN ISO | Glass packaging - 26 H 126 crown finish - Dimensions (ISO |
| | 12822:2020 | 12822:2020) |
| 9. | EN ISO | Transport packages for dangerous goods - Dangerous goods |
| | 16106:2020 | packagings, intermediate bulk containers (IBCs) and large |
| | | packagings - Guidelines for the application of ISO 9001 (ISO |
| | | 16106:2020) |

Technical Committee No. 269

"Transportable gas cylinders and Shell and water-tube boilers", 19 standards

| No. | Standard Number | Standard Title |
|-----|---------------------|--|
| 1. | EN 14134:2019 | Ventilation for buildings - Performance measurement and |
| | | checks for residential ventilation systems |
| 2. | EN 16798-1:2019 | Energy performance of buildings - Ventilation for |
| | | buildings - Part 1: Indoor environmental input parameters |
| | | for design and assessment of energy performance of |
| | | buildings addressing indoor air quality, thermal |
| | | environment, lighting and acoustics - Module M1-6 |
| 3. | EN ISO 12759-4:2019 | Fans - Efficiency classification for fans - Part 4: Driven |
| | | fans at maximum operating speed (ISO 12759-4:2019) |

| 4. | EN 17082:2019 | Domestic and non-domestic gas-fired forced convection air heaters for space heating not exceeding a net heat input of 300 kW |
|-----|-----------------------------|--|
| 5. | EN 17175:2019 | Gas-fired overhead radiant strip heaters and multi-burner continuous radiant tube heater systems for non-domestic use - Safety and energy efficiency |
| 6. | EN 416:2019 | Gas-fired overhead radiant tube heaters and radiant tube heater systems for non-domestic use - Safety and energy efficiency |
| 7. | EN 419:2019 | Gas-fired overhead luminous radiant heaters for non- domestic use - Safety and energy efficiency |
| 8. | CEN ISO/TS 21805:2019 | Guidance on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems (ISO/TS 21805:2018) |
| 9. | EN 12845:2015+A1:2019 | Fixed firefighting systems - Automatic sprinkler systems - Design, installation and maintenance |
| 10. | EN 13565- 2:2018+AC:2019 | Fixed firefighting systems - Foam systems - Part 2: Design, construction and maintenance |
| 11. | EN 14972-16:2019 | Fixed firefighting systems - Water mist systems - Part 16: Test protocol for industrial oil cookers for open nozzle systems |
| 12. | EN 15004-1:2019 | Fixed firefighting systems - Gas extinguishing systems - Part 1: Design, installation and maintenance (ISO 14520- 1:2015, modified) |
| 13. | EN 15276-1:2019 | Fixed firefighting systems - Condensed aerosol extinguishing systems - Part 1: Requirements and test methods for components |
| 14. | EN 15276-2:2019 | Fixed firefighting systems - Condensed aerosol extinguishing systems - Part 2: Design, installation and maintenance |
| 15. | EN 17038-2:2019 | Pumps - Methods of qualification and verification of the Energy Efficiency Index for rotodynamic pump units - Part 2: Testing and calculation of Energy Efficiency Index (EEI) of single pump units |
| 16. | EN ISO 20361:2019 | Liquid pumps and pumps units - Noise test code - Grades 2 and 3 of accuracy (ISO 20361:2019) |
| 17. | EN 14382:2019 | Gas safety shut-off devices for inlet pressure up to 10 MPa (100 bar) |
| 18. | EN ISO 6145-1:2019 | Gas analysis - Preparation of calibration gas mixtures using dynamic methods - Part 1: General aspects (ISO 6145-1:2019) |
| 19. | EN 14564:2019 | Tanks for transport of dangerous goods - Terminology |

"Liquefied petroleum gas equipment", 25 standards

| No. | Standard Number | Standard Title |
|-----|---------------------|--|
| 1. | EN 17339:2020 | Transportable gas cylinders - Fully wrapped carbon |
| | | composite cylinders and tubes for hydrogen |
| 2. | EN 17533:2020 | Gaseous hydrogen - Cylinders and tubes for stationary |
| | | storage |
| 3. | EN ISO 11114-1:2020 | Gas cylinders - Compatibility of cylinder and valve |
| | | materials with gas contents - Part 1: Metallic materials |
| | | (ISO 11114-1:2020) |
| 4. | EN ISO | Gas cylinders - Non-refillable metallic gas cylinders - |
| | 11118:2015/A1:2020 | Specification and test methods - Amendment 1 (ISO |
| | | 11118:2015/Amd 1:2019) |
| 5. | EN ISO 16964:2020 | Gas cylinders - Flexible hoses assemblies - Specification |
| | | and testing (ISO 16964:2019) |
| 6. | EN ISO 17268:2020 | Gaseous hydrogen land vehicle refuelling connection |
| | | devices (ISO/FDIS 17268:2019) |
| 7. | EN ISO 20088-2:2020 | Determination of the resistance to cryogenic spill of |
| | | insulation materials - Part 2: Vapour exposure (ISO |
| | | 20088-2:2020) |
| 8. | EN ISO 20257-1:2020 | Installation and equipment for liquefied natural gas - |
| | | Design of floating LNG installations - Part 1: General |
| | | requirements (ISO 20257-1:2020) |
| 9. | EN 12542:2020 | LPG equipment and accessories - Static welded steel |
| | | cylindrical pressure vessels, serially produced for the |
| | | storage of Liquefied Petroleum Gas (LPG) having a |
| | | volume not greater than 13 m ³ - Design and manufacture |
| 10. | EN | LPG Equipment and accessories - Specification and |
| | 13175:2019+A1:2020 | testing for Liquefied Petroleum Gas (LPG) pressure |
| | | vessel valves and fittings |
| 11. | EN | LPG equipment and accessories - Transportable refillable |
| | 1440:2016+A2:2020 | traditional welded and brazed steel Liquefied Petroleum |
| | | Gas (LPG) cylinders - Periodic inspection |
| 12. | EN | LPG equipment and accessories - Transportable refillable |
| | 16728:2016+A2:2020 | LPG cylinders other than traditional welded and brazed |
| | | steel cylinders - Periodic inspection |
| 13. | CEN/TR 17452:2020 | Natural gas fuelling stations — Guidance for |
| | | implementation of European standards on CNG and LNG |
| | | stations for fuelling vehicles |
| 14. | ISO 7165:2017 | Fire fighting Portable fire extinguishers Performance |
| | 700 44 404 5015 | and construction |
| 15. | ISO 11601:2017 | Fire fighting Wheeled fire extinguishers |
| | | Performance and construction |

| 16. | ISO 7240-24:2016 | Fire detection and fire alarm systems Part 24: Fire |
|-----|--------------------|---|
| 17 | 100 7240 7 2010 | alarm loudspeakers |
| 17. | ISO 7240-7:2018 | Fire detection and alarm systems Part 7: Point-type |
| | | smoke detectors using scattered light, transmitted light or |
| | | ionization |
| 18. | ISO 8201:2017 | Alarm systems Audible emergency evacuation signal |
| | | Requirements |
| 19. | ISO 7240-8:2014 | Fire detection and alarm systems Part 8: Point-type fire |
| | | detectors using a carbon monoxide sensor in combination |
| | | with a heat sensor |
| 20. | ISO/TS 7240-9:2012 | Fire detection and alarm systems Part 9: Test fires for |
| | | fire detectors |
| 21. | ISO 12239:2010 | Smoke alarms using scattered light, transmitted light or |
| | | ionization |
| 22. | ISO 7240-6:2011 | Fire detection and alarm systems Part 6: Carbon |
| | | monoxide fire detectors using electro-chemical cells |
| 23. | ISO 7240-25:2010 | Fire detection and fire alarm systems Part 25: |
| | | Components using radio transmission paths |
| 24. | ISO 7240-17:2009 | Fire detection and fire alarm systems Part 17: Short- |
| | | circuit isolators |
| 25. | ISO 7240-13:2005 | Fire detection and alarm systems Part 13: |
| | | Compatibility assessment of system components |

"Pigments, extenders and varnishes", 43 standards

| No. | Standard Number | Standard Title |
|-----|--------------------|--|
| 1. | EN ISO | Analytical colorimetry - Part 1: Practical colour measurement |
| | 18314-1:2018 | (ISO 18314-1:2015) |
| 2. | EN ISO | Analytical colorimetry - Part 2: Saunderson correction, solutions |
| | 18314-2:2018 | of the Kubelka-Munk equation, tinting strength, hiding power |
| | | (ISO 18314-2:2015) |
| 3. | EN ISO | Analytical colorimetry - Part 3: Special indices (ISO 18314- |
| | 18314-3:2018 | 3:2015) |
| 4. | EN ISO | Pigments, dyestuffs and extenders - Terminology - Part 1: General |
| | 18451-1:2019 | terms (ISO 18451-1:2019) |
| 5. | EN ISO | Pigments, dyestuffs and extenders - Terminology - Part 2: |
| | 18451-2:2018 | Classification of colouring materials according to colouristic and |
| | | chemical aspects (ISO 18451-2:2018) |
| 6. | EN ISO | Functional pigments and extenders for special applications - Part |
| | 18473-1:2018 | 1: Nanoscale calcium carbonate for sealant application (ISO |
| | | 18473-1:2015) |
| 7. | EN ISO | Functional pigments and extenders for special applications - Part |

| | 18473-2:2018 | 2: Nanoscale titanium dioxide for sunscreen application (ISO 18473-2:2015) |
|-----|------------------------|--|
| 8. | EN ISO 18473-3:2019 | Functional pigments and extenders for special application - Part 3: Fumed silica for silicone rubber application (ISO 18473-3:2018) |
| 9. | EN ISO 23900-4:2018 | Pigments and extenders - Methods of dispersion and assessment of dispersibility in plastics - Part 4: Determination of colouristic properties and ease of dispersion of white pigments in polyethylene by two-roll milling (ISO 23900-4:2015) |
| 10. | EN ISO 23900-5:2018 | Pigments and extenders - Methods of dispersion and assessment of dispersibility in plastics - Part 5: Determination by filter pressure value test (ISO 23900-5:2015) |
| 11. | EN ISO 787- 13:2019 | General methods of test for pigments and extenders - Part 13: Determination of water-soluble sulfates, chlorides and nitrates (ISO 787-13:2019) |
| 12. | EN ISO 787- 14:2019 | General methods of test for pigments and extenders - Part 14: Determination of resistivity of aqueous extract (ISO 787-14:2019) |
| 13. | EN ISO 787- 15:2019 | General methods of test for pigments and extenders - Part 15: Comparison of resistance to light of coloured pigments of similar types (ISO 787-15:2019) |
| 14. | EN 13523- 11:2019 | Coil coated metals - Test methods - Part 11: Resistance to solvents (rubbing test) |
| 15. | EN 13523- 17:2019 | Coil coated metals - Test methods - Part 17: Adhesion of strippable films |
| 16. | EN 13523- 19:2019 | Coil coated metals - Test methods - Part 19: Panel design and method of atmospheric exposure testing |
| 17. | EN 16074:2019 | Paints and varnishes - Determination of non-volatile-matter content and spreading rate of coil coating materials |
| 18. | EN 927- 13:2019 | Paints and varnishes - Coating materials and coating systems for exterior wood - Part 13: Assessment of resistance to impact of a coating on a wooden substrate |
| 19. | EN 927- 3:2019 | Paints and varnishes - Coating materials and coating systems for exterior wood - Part 3: Natural weathering test |
| 20. | EN ISO 10927:2018 | Plastics - Determination of the molecular mass and molecular mass distribution of polymer species by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI- TOF-MS) (ISO 10927:2018) |
| 21. | EN ISO 11124-2:2018 | Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 2: Chilled-iron grit (ISO 11124-2:2018, Corrected version 2018-12) |
| 22. | EN ISO 11124-3:2018 | Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 3: High-carbon cast-steel shot and grit (ISO 11124-3:2018) |
| 23. | EN ISO 11125-5:2018 | Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning |

| | | abrasives - Part 5: Determination of percentage defective particles |
|-----|------------------------|--|
| | | and of microstructure (ISO 11125-5:2018) |
| 24. | EN ISO 11124-4:2018 | Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 4: Low-carbon cast-steel shot (ISO 11124-4:2018) |
| 25. | EN ISO 11125-6:2018 | Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 6: Determination of foreign matter (ISO 11125- 6:2018) |
| 26. | EN ISO 11125-7:2018 | Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 7: Determination of moisture (ISO 11125-7:2018) |
| 27. | CEN/TS 927- 8:2020 | Paints and varnishes - Coating materials and coating systems for exterior wood - Part 8: Determination of the adhesion on wood after water exposure by a double-X-cut test |
| 28. | EN 13523- 18:2020 | Coil coated metals - Test methods - Part 18: Resistance to staining |
| 29. | EN 13523- 20:2020 | Coil coated metals - Test methods - Part 20: Foam adhesion |
| 30. | EN 927- 11:2020 | Paints and varnishes - Coating materials and coating systems for exterior wood - Part 11: Assessment of air inclusions/microfoam in coating films |
| 31. | EN 927- 7:2020 | Paints and varnishes - Coating materials and coating systems for exterior wood - Part 7: Assessment of knot staining resistance of wood coatings |
| 32. | EN ISO 17872:2019 | Paints and varnishes - Guidelines for the introduction of scribe marks through coatings on metallic panels for corrosion testing (ISO 17872:2019) |
| 33. | EN ISO 19403-1:2020 | Paints and varnishes - Wettability - Part 1: Terminology and general principles (ISO 19403-1:2017) |
| 34. | EN ISO 19403-2:2020 | Paints and varnishes - Wettability - Part 2: Determination of the surface free energy of solid surfaces by measuring the contact angle (ISO 19403-2:2017) |
| 35. | EN ISO 19403-3:2020 | Paints and varnishes - Wettability - Part 3: Determination of the surface tension of liquids using the pendant drop method (ISO 19403-3:2017) |
| 36. | EN ISO 19403-4:2020 | Paints and varnishes - Wettability - Part 4: Determination of the polar and dispersive fractions of the surface tension of liquids from an interfacial tension (ISO 19403-4:2017) |
| 37. | EN ISO 19403-5:2020 | Paints and varnishes - Wettability - Part 5: Determination of the polar and dispersive fractions of the surface tension of liquids from contact angles measurements on a solid with only a disperse contribution to its surface energy (ISO 19403-5:2017) |
| 38. | EN ISO 19403-6:2020 | Paints and varnishes - Wettability - Part 6: Measurement of dynamic contact angle (ISO 19403-6:2017) |

| 39. | EN ISO | Paints and varnishes - Wettability - Part 7: Measurement of the |
|-----|--------------|--|
| | 19403-7:2020 | contact angle on a tilt stage (roll-off angle) (ISO 19403-7:2017) |
| 40. | EN ISO | Paints and varnishes - Visual comparison of colour of paints (ISO |
| | 3668:2020 | 3668:2017) |
| 41. | EN ISO 8502- | Preparation of steel substrates before application of paints and |
| | 6:2020 | related products - Tests for the assessment of surface cleanliness - |
| | | Part 6: Extraction of water soluble contaminants for analysis |
| | | (Bresle method)(ISO 8502-6:2020) |
| 42. | EN ISO 3262- | Extenders - Specifications and methods of test - Part 1: |
| | 1:2020 | Introduction and general test methods (ISO 3262-1:2020) |
| 43. | EN ISO 787- | General methods of test for pigments - Part 19: Determination of |
| | 19:2020 | water-soluble nitrates (Salicylic acid method) (ISO 787-19:2020) |

"Milk, meet and their products", 5 standards

| No. | Standard Number | Standard Title |
|-----|--------------------|---|
| 1. | EN ISO | Milk, milk products, infant formula and adult nutritionals |
| | 15151:2020 | - Determination of minerals and trace elements - Inductively |
| | | coupled plasma atomic emission spectrometry (ICP-AES) |
| | | method (ISO 15151:2018) |
| 2. | EN ISO | Milk - Bacterial count - Protocol for the evaluation of alternative |
| | 16297:2020 | methods (ISO 16297:2020) |
| 3. | EN ISO | Milk, milk products, infant formula and adult nutritionals - |
| | 16958:2020 | Determination of fatty acids composition - Capillary gas |
| | | chromatographic method (ISO 16958:2015) |
| 4. | EN ISO | Infant formula and adult nutritionals -Determination of total |
| | 20647:2020 | iodine - Inductively coupled plasma mass spectrometry (ICP- |
| | | MS) (ISO 20647:2015) |
| 5. | EN ISO | Milk, milk products, infant formula and adult nutritionals - |
| | 21424:2020 | Determination of minerals and trace elements - Inductively |
| | | coupled plasma mass spectrometry (ICP-MS) method (ISO |
| | | 21424:2018) |

Technical Committee No. 307

"Food oils and fats. Oilseeds", 17 standards

| No. | Standard | Standard Title |
|-----|----------|----------------|
|-----|----------|----------------|

| | Number | |
|-----|-------------------|--|
| 1. | | Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - |
| | 14103:2020 | Determination of ester and linolenic acid methyl ester contents |
| 2. | EN ISO | Animal and vegetable fats and oils - Determination of |
| | 3657:2020 | saponification value (ISO 3657:2020) |
| 3. | EN ISO | Oilseeds - Determination of moisture and volatile matter content |
| | 665:2020 | (ISO 665:2020) |
| | | |
| 4. | ISO | Animal and vegetable fats and oils Determination of cadmium |
| | 15774:2017 | content by direct graphite furnace atomic absorption spectrometry |
| 5. | ISO | Animal and vegetable fats and oils Determination of |
| | 15302:2017 | benzo[a]pyrene Reverse-phase high performance liquid |
| 6 | 100 102(2 | chromatography method |
| 6. | ISO 18363- | Animal and vegetable fats and oils Determination of fatty-acid- |
| | 3:2017 | bound chloropropanediols (MCPDs) and glycidol by GC/MS Part 3: Method using acid transesterification and measurement for |
| | | 2-MCPD, 3-MCPD and glycidol |
| 7. | ISO | Animal and vegetable fats and oils Determination of peroxide |
| /. | 27107:2008 | value Potentiometric end-point determination |
| 8. | ISO/TS | Vegetable fats and oils Determination of wax content by gas |
| | 23647:2010 | chromatography |
| 9. | ISO 23275- | Animal and vegetable fats and oils Cocoa butter equivalents in |
| | 2:2006 | cocoa butter and plain chocolate Part 2: Quantification of cocoa |
| | | butter equivalents |
| 10. | ISO 23275- | Animal and vegetable fats and oils Cocoa butter equivalents in |
| | 1:2006 | cocoa butter and plain chocolate Part 1: Determination of the |
| | | presence of cocoa butter equivalents |
| 11. | ISO | Animal and vegetable fats and oils Determination of polycyclic |
| | 22959:2009 | aromatic hydrocarbons by on-line donor-acceptor complex |
| 10 | 150 | chromatography and HPLC with fluorescence detection |
| 12. | ISO 18205-2005 | Animal and vegetable fats and oils Determination of |
| | 18395:2005 | monoacylglycerols, diacylglycerols, triacylglycerols and glycerol by high-performance size-exclusion chromatography (HPSEC) |
| 13. | ISO | Animal and vegetable fats and oils Determination of visible foots |
| 15. | 19219:2002 | in crude fats and oils |
| 14. | ISO | Animal and vegetable fats and oils Determination of |
| 1 | 18609:2000 | unsaponifiable matter Method using hexane extraction |
| 15. | ISO | Animal and vegetable fats and oils Determination of low-boiling |
| | 16035:2003 | halogenated hydrocarbons in edible oils |
| 16. | ISO 15788- | Animal and vegetable fats and oils Determination of |
| | 2:2003 | stigmastadienes in vegetable oils Part 2: Method using high- |
| | | performance liquid chromatography (HPLC) |
| 17. | ISO 15788- | Animal and vegetable fats and oils Determination of |
| | 1:1999 | stigmastadienes in vegetable oils Part 1: Method using capillary- |
| | | column gas chromatography (Reference method) |

"Medical devices", 17 standards

| No. | Standard Number | Standard Title |
|-----|------------------------------|---|
| 1. | EN ISO 11979-1:2018 | Ophthalmic implants - Intraocular lenses - Part 10: Clinical investigations of intraocular lenses for correction of ametropia in phakic eyes (ISO 11979- 10:2018) |
| 2. | EN ISO 13666:2019 | Ophthalmic optics - Spectacle lenses - Vocabulary (ISO 13666:2019) |
| 3. | EN ISO 24157:2008/A1:2020 | Ophthalmic optics and instruments - Reporting aberrations of the human eye - Amendment 1 (ISO 24157:2008/Amd 1:2020) |
| 4. | EN ISO 8596:2018/A1:2020 | Ophthalmic optics - Visual acuity testing - Standard and clinical optotypes and their presentation - Amendment 1 (ISO 8596:2017/Amd1:2019) |
| 5. | EN ISO 11135:2014/A1:2019 | Sterilization of health-care products - Ethylene oxide - Requirements for the development, validation and routine control of a sterilization process for medical devices - Amendment 1: Revision of Annex E, Single batch release (ISO 11135:2014/Amd 1:2018) |
| 6. | EN ISO 11737-2:2020 | Sterilization of health care products - Microbiological methods - Part 2: Tests of sterility performed in the definition, validation and maintenance of a sterilization process (ISO 11737-2:2019) |
| 7. | CWA 17513:2020 | Crisis and disaster management - Semantic and syntactic interoperability |
| 8. | EN ISO 14971:2019 | Medical devices - Application of risk management to medical devices (ISO 14971:2019) |
| 9. | EN ISO 8362-1:2019 | Injection containers and accessories - Part 1: Injection vials made of glass tubing (ISO 8362-1:2018) |
| 10. | ISO 16142-2:2017 | Medical devices - Recognized essential principles of safety and performance of medical devices - Part 2: General essential principles and additional specific essential principles for all IVD medical devices and guidance on the selection of standards |
| 11. | ISO 16142-1:2016 | Medical devices - Recognized essential principles of safety and performance of medical devices - Part 1: General essential principles and additional specific essential principles for all non-IVD medical devices and guidance on the selection of standards |
| 12. | ISO 18250-3:2018 | Medical devices - Connectors for reservoir delivery systems for healthcare applications – Part 3: Enteral applications |

| 13. | ISO/TR 80002-2:2017 | Medical device software - Part 2: Validation of software for medical device quality systems |
|-----|--------------------------------|--|
| 14. | ISO/TR 24971:2013 | Medical devices - Guidance on the application of ISO 14971 |
| 15. | ISO 80369- 3:2016/Amd1:2019 | Small-bore connectors for liquids and gases in healthcare applications - Part 3: Connectors for enteral applications - Amendment 1 |
| 16. | ISO 18250-1:2018 | Connectors for reservoir delivery systems for healthcare applications - Part 1: General requirements and common test methods |
| 17. | ISO 18250-7:2018 | Connectors for reservoir delivery systems for healthcare applications - Part 7: Conectors for Intravascular Infusion |

"Bituminous binders. Road materials", 19 standards

| No. | Standard Number | Standard Title |
|-----|--------------------|--|
| 1. | CEN/TS | Bitumen and bituminous binders - Determination of salt content |
| | 17481:2020 | in bitumen - Electrical conductivity method |
| 2. | CEN/TS | Bitumen and bituminous binders - Determination of acid |
| | 17482:2020 | number of bitumen - Potentiometric method |
| 3. | EN | Vehicle parking control equipment - Requirements and test |
| | 12414:2020 | methods for a parking terminal |
| | | |
| 4. | EN | Road restraint systems - Validation and verification process for |
| | 16303:2020 | the use of virtual testing in crash testing against vehicle |
| | | restraint system |
| 5. | EN 1794- | Road traffic noise reducing devices - Non-acoustic performance |
| | 2:2020 | - Part 2: General safety and environmental requirements |
| 6. | EN 12697- | Bituminous mixtures - Test methods - Part 11: Determination |
| | 11:2020 | of the affinity between aggregate and bitumen |
| 7. | EN 12697- | Bituminous mixtures - Test methods - Part 14: Water content |
| | 14:2020 | |
| | | |
| 8. | EN 12697- | Bituminous mixtures - Test methods - Part 19: Permeability of |
| | 19:2020 | specimen |
| | | |
| 9. | EN 12697- | Bituminous mixtures - Test methods - Part 1: Soluble binder |
| | 1:2020 | content |
| 10. | EN 12697- | Bituminous mixtures - Test methods - Part 20: Indentation |

| | 20:2020 | using cube or Marshall specimens |
|-----|----------------------|--|
| 11. | EN 12697- 21:2020 | Bituminous mixtures - Test methods - Part 21: Indentation using plate specimens |
| | 21.2020 | |
| 12. | EN 12697- 22:2020 | Bituminous mixtures - Test methods - Part 22: Wheel tracking |
| 13. | EN 12697- 28:2020 | Bituminous mixtures - Test methods - Part 28: Preparation of samples for determining binder content, water content and grading |
| 14. | EN 12697- 29:2020 | Bituminous mixtures - Test methods - Part 29: Determination of the dimensions of a bituminous specimen |
| 15. | EN 12697- 34:2020 | Bituminous mixtures - Test methods - Part 34: Marshall test |
| 16. | EN 12697- 40:2020 | Bituminous mixtures - Test methods - Part 40: In situ drainability |
| 17. | EN 12697- 45:2020 | Bituminous mixtures - Test methods - Part 45: Saturation Ageing Tensile Stiffness (SATS) conditioning test |
| 18. | EN 12697- 46:2020 | Bituminous mixtures - Test methods - Part 46: Low temperature cracking and properties by uniaxial tension tests |
| 19. | EN 12697- 6:2020 | Bituminous mixtures - Test methods - Part 6: Determination of bulk density of bituminous specimens |

"Transport, logistics and services", 18 standards

| No. | Standard Number | Standard Title |
|-----|---------------------|---|
| 1. | EN 14504:2019 | Inland navigation vessels - Floating landing stages and floating bridges on inland waters - Requirements, tests |
| 2. | EN 15869- 1:2019 | Inland navigation vessels - Electrical shore connection, three phase current 400 V, 50 Hz, up to 125 A - Part 1: General requirements |
| 3. | EN 15869- 2:2019 | Inland navigation vessels - Electrical shore connection, three phase current 400 V, 50 Hz, up to 125 A - Part 2: On-shore unit, additional requirements |
| 4. | EN 15869- | Inland navigation vessels - Electrical shore connection, three |

| | 3:2019 | phase current 400 V, 50 Hz, up to 125 A - Part 3: On-board unit, |
|-----|-------------------|---|
| | | additional requirements |
| 5. | EN | Inland navigation vessels - Stanchions and holders for tiltable |
| | 17360:2020 | and detachable railings |
| 6. | EN | Inland navigation vessels - Outboard ladders |
| | 17361:2020 | |
| 7. | EN ISO | Inland navigation vessels - Manually- and power-operated |
| | 6218:2019 | coupling devices for rope connections of pushing units and |
| | | coupled vessels - Safety requirements and main dimensions (ISO |
| | | 6218:2019) |
| 8. | EN 12312- | Aircraft ground support equipment - Specific requirements - Part |
| | 15:2020 | 15: Baggage and equipment tractors |
| | | |
| 9. | EN 12312- | Aircraft ground support equipment - Specific requirements - Part |
| | 8:2018 | 8: Maintenance or service stairs and platforms |
| 10 | | |
| 10. | EN ISO | Aircraft ground equipment - Graphical symbols (ISO |
| | 11532:2020 | 11532:2018) |
| 11. | EN 12312- | Aircraft ground support equipment - Specific requirements - Part |
| | 15:2020 | 15: Baggage and equipment tractors |
| 10 | EN IGO | |
| 12. | EN ISO | Aircraft ground equipment - Graphical symbols (ISO |
| 12 | 11532:2020 | 11532:2018)Method for condition assessment of immobile constructed assets |
| 13. | CEN/TS | Method for condition assessment of immobile constructed assets |
| 1.4 | 17385:2019 EN | Meintenen Meintenen er Ken Derformen er Indiestere |
| 14. | LIN 15341:2019 | Maintenance - Maintenance Key Performance Indicators |
| | 15541:2019 | |
| 15. | EN | Light motorized vehicles for the transportation of persons and |
| 15. | 16990:2020 | goods and related facilities and not subject to type-approval for |
| | 10770.2020 | on-road use - Side by Side Vehicles - Safety requirements and |
| | | test methods |
| 16. | EN ISO | Small craft - Owner's manual (ISO 10240:2019) |
| 10. | 10240:2020 | |
| | 10210.2020 | |
| 17. | EN ISO | Small craft - Ventilation of petrol engine and/or petrol tank |
| | 11105:2020 | compartments (ISO 11105:2020) |
| | | |
| 18. | EN ISO | Small craft - Electrical/electronic control systems for steering, |
| | 25197:2020 | shift and throttle (ISO 25197:2020) |