

**WORK PROGRAMME**  
**of General Directorate of Standardization - ALBANIA**  
**(Period 1 January to 30 June 2020)**

**Technical Committee No. 3**  
**“Electrical and electronical materials”, 53 standards**

<b>No.</b>	<b>Standard Number</b>	<b>Standard Title</b>
1.	EN 50160:2010/A2:2019	Voltage characteristics of electricity supplied by public electricity networks
2.	EN 50160:2010/A3:2019	Voltage characteristics of electricity supplied by public electricity networks
3.	EN 50377-14-1:2018	Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications - Part 14-1: Simplex and duplex cords made from simplex plugs with cylindrical ferrules, using EN 60793 2 50 single-mode B1 or B6 fibre for Category C according to EN 61753 1
4.	EN 50411-3-3:2019	Fibre management systems and protective housings to be used in optical fibre communication systems - Product specifications - Part 3-3: Singlemode optical fibre fusion splice protectors
5.	EN 50411-3-4:2019	Fibre management systems and protective housings to be used in optical fibre communication systems - Product specifications - Part 3-4: Wall box for splice to patchcord connections, for category C and A
6.	EN 50411-4-1:2019	Fibre management systems and protective housings to be used in optical fibre communication systems - Product specifications - Part 4-1: Passive optical street cabinet for category A
7.	EN 50551-1:2019	Simplex and duplex cables for use in terminated cable assemblies - Part 1: Blank Detail Specification and minimum requirements
8.	CLC/TR 50682:2018	Consideration on the use of OTDRs to measure return loss of single-mode optical fibre connections
9.	HD 605 S3:2019	Electric cables - Additional test methods
10.	EN 60061-3:1993/A56:2019	Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges
11.	EN 60317-21:2014/A1:2019	Specifications for particular types of winding wires - Part 21: Solderable polyurethane enamelled round copper wire overcoated with polyamide, class 155
12.	EN 60317-20:2014/A1:2019	Specifications for particular types of winding wires - Part 20: Solderable polyurethane enamelled round copper wire, class 155
13.	EN 60317-23:2014/A1:2019	Specifications for particular types of winding wires - Part 23: Solderable polyesterimide enamelled round copper wire, class 180
14.	EN 60317-35:2014/A1:2019	Specifications for particular types of winding wires - Part 35: Solderable polyurethane enamelled round copper wire, class 155, with a bonding layer
15.	EN 60317-36:2014/A1:2019	Specifications for particular types of winding wires - Part 36: Solderable polyesterimide enamelled round copper

		wire, class 180, with a bonding layer
16.	EN 60317-55:2014/A1:2019	Specifications for particular types of winding wires - Part 55: Solderable polyurethane enamelled round copper wire overcoated with polyamide, class 180
17.	EN 60317-68:2017/A1:2019	Specifications for particular types of winding wires - Part 68: Polyvinyl acetal enamelled rectangular aluminium wire, class 120
18.	EN IEC 60317-80:2019	Specifications for particular types of winding wires - Part 80: Polyvinyl acetal enamelled rectangular copper wire, class 120, with a bonding layer
19.	EN 60320-1:2015/AC:2019	Appliance couplers for household and similar general purposes - Part 1: General requirements
20.	EN IEC 60331-1:2019	Tests for electric cables under fire conditions - Circuit integrity - Part 1: Test method for fire with shock at a temperature of at least 830°C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter exceeding 20 mm
21.	EN IEC 60404-6:2018	Magnetic materials - Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 100 kHz by the use of ring specimens
22.	EN IEC 60404-6:2018/AC:2018	Magnetic materials - Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 100 kHz by the use of ring specimens
23.	EN IEC 60404-16:2018	Magnetic materials - Part 16: Methods of measurement of the magnetic properties of Fe-based amorphous strip by means of a single sheet tester
24.	EN IEC 60404-16:2018/AC:2018	Magnetic materials - Part 16: Methods of measurement of the magnetic properties of Fe-based amorphous strip by means of a single sheet tester
25.	EN 60529:1991/A2:2013/AC:2019-02	Degrees of protection provided by enclosures (IP Code)
26.	EN 60644:2009/A1:2019	Specification for high-voltage fuse-links for motor circuit applications
27.	EN IEC 60754-3:2019	Test on gases evolved during combustion of materials from cables - Part 3: Measurement of low level of halogen content by ion chromatography
28.	EN IEC 60793-2-10:2019	Optical fibres - Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres
29.	EN 60851-2:2009/A2:2019	Winding wires - Test methods - Part 2: Determination of dimensions
30.	EN 60851-3:2009/A2:2019	Winding wires - Test methods - Part 3: Mechanical properties
31.	EN 60851-5:2008/A2:2019	Winding wires - Test methods - Part 5: Electrical properties
32.	EN 61058-1-1:2016/AC:2019-02	Switches for appliances - Part 1-1: Requirements for mechanical switches
33.	EN 61058-1-2:2016/AC:2019-02	Switches for appliances - Part 1-2: Requirements for electronic switches
34.	EN 61167:2018/AC:2019-06	Metal halide lamps - Performance specification
35.	EN IEC 61169-1-2:2019	Radio-frequency connectors - Part 1-2: Electrical test methods - Insertion loss
36.	EN IEC 61169-24:2019	Radio-frequency connectors - Part 24: Sectional

		specification - Radio frequency coaxial connectors with screw coupling, typically for use in 75 $\Omega$ cable networks (type F)
37.	EN IEC 61238-1-1:2019	Compression and mechanical connectors for power cables - Part 1-1: Test methods and requirements for compression and mechanical connectors for power cables for rated voltages up to 1 kV ( $U_m = 1,2$ kV) tested on non-insulated conductors
38.	EN IEC 61238-1-2:2019	Compression and mechanical connectors for power cables - Part 1-2: Test methods and requirements for insulation piercing connectors for power cables for rated voltages up to 1 kV ( $U_m = 1,2$ kV) tested on insulated conductors
39.	EN IEC 61238-1-3:2019	Compression and mechanical connectors for power cables - Part 1-3: Test methods and requirements for compression and mechanical connectors for power cables for rated voltages above 1 kV ( $U_m = 1,2$ kV) up to 36 kV ( $U_m = 42$ kV) tested on non-insulated conductors
40.	EN IEC 61238-1-3:2019/A11:2019	Compression and mechanical connectors for power cables - Part 1-3: Test methods and requirements for compression and mechanical connectors for power cables for rated voltages above 1 kV ( $U_m = 1,2$ kV) up to 36 kV ( $U_m = 42$ kV) tested on non-insulated conductors
41.	EN 61291-5-2:2017/AC:2019-06	Optical amplifiers - Part 5-2: Qualification specifications - Reliability qualification for optical fibre amplifiers
42.	EN 61709:2017/AC:2019-11	Electric components - Reliability - Reference conditions for failure rates and stress models for conversion
43.	EN IEC 61753-1:2018	Fibre optic interconnecting devices and passive components - Performance standard - Part 1: General and guidance
44.	EN IEC 61753-1:2018/AC:2019-06	Fibre optic interconnecting devices and passive components - Performance standard - Part 1: General and guidance
45.	EN IEC 62325-503:2018	Framework for energy market communications - Part 503: Market data exchanges guidelines for the IEC 62325-351 profile
46.	EN IEC 62343-1:2019	Dynamic modules - Part 1: Performance standards - General conditions
47.	EN IEC 62343-2-1:2019	Dynamic modules - Part 2-1: Reliability qualification - Test template
48.	EN IEC 62343-3-4:2018	Dynamic modules - Part 3-4: Performance specification templates - Multicast optical switches
49.	EN IEC 62343-5-2:2018	Dynamic modules - Part 5-2: Test methods - 1xN fixed-grid WSS - Dynamic crosstalk measurement
50.	IEC 60570:2003/A2:2019	Amendment 2 - Electrical supply track systems for luminaires
51.	IEC 61184:2017/A1:2019	Amendment 1 - Bayonet lampholders
52.	IEC 61756-1:2019	Fibre optic interconnecting devices and passive components - Interface standard for fibre management systems - Part 1: General and guidance
53.	IEC/TS 63060:2019	Electric energy supply networks - General aspects and methods for the maintenance of installations and equipment

**Technical Committee No. 4**  
**“Electrical and electronic devices”, 49 standards**

<b>No.</b>	<b>Standard Number</b>	<b>Standard Title</b>
1.	EN 50041:2019	Low-voltage switchgear and controlgear - Control switches - Position switches 42,5 x 80 - Dimensions and characteristics
2.	EN 50047:2019	Low-voltage switchgear and controlgear - Control switches - Position switches 30 × 55 - Dimensions and characteristics
3.	EN 50186-2:1998/A1:2019	Live-line washing systems for power installations with nominal voltages above 1kV - Part 2: Specific national requirements (national annexes to EN 50186-1:1998)
4.	EN 50342-2:2019	Lead-acid starter batteries - Part 2: Dimensions of batteries and marking of terminals
5.	EN IEC 60076-11:2018/AC:2019-06	Power transformers - Part 11: Dry-type transformers
6.	EN IEC 60076-22-2:2019	Power transformers - Part 22-2: Power transformer and reactor fittings - Removable radiators
7.	EN IEC 60086-4:2019	Primary batteries - Part 4: Safety of lithium batteries
8.	EN IEC 60086-4:2019/AC:2019-11	Primary batteries - Part 4: Safety of lithium batteries
9.	EN IEC 60255-181:2019	Measuring relays and protection equipment - Part 181: Functional requirements for frequency protection
10.	EN IEC 60358-4:2018	Coupling capacitors and capacitor dividers - Part 4: DC and AC single-phase capacitor dividers
11.	EN IEC 60633:2019	High-voltage direct current (HVDC) transmission - Vocabulary
12.	EN 60947-5-4:2003/A1:2019	Low-voltage switchgear and controlgear - Part 5-4: Control circuit devices and switching elements - Method of assessing the performance of low-energy contacts - Special tests
13.	EN IEC 61188-6-4:2019	Printed boards and printed board assemblies - Design and use - Part 6-4: Land pattern design - Generic requirements for dimensional drawings of surface mounted components (SMD) from the viewpoint of land pattern design
14.	EN 61191-2:2017/AC:2019-10	Printed board assemblies - Part 2: Sectional specification - Requirements for surface mount soldered assemblies
15.	EN IEC 61400-1:2019/AC:2019-10	Wind energy generation systems - Part 1: Design requirements
16.	EN 61400-2:2014/AC:2019-11	Wind turbines - Part 2: Small wind turbines
17.	EN IEC 61400-3-1:2019	Wind energy generation systems - Part 3-1: Design requirements for fixed offshore wind turbines
18.	EN 61400-11:2013/A1:2018/AC:2019-11	Wind turbines - Part 11: Acoustic noise measurement techniques
19.	EN IEC 61400-21-1:2019	Wind energy generation systems - Part 21-1: Measurement and assessment of electrical characteristics - Wind turbines
20.	EN IEC 61400-24:2019	Wind energy generation systems - Part 24: Lightning protection

21.	EN IEC 61400-26-1:2019	Wind energy generation systems - Part 26-1: Availability for wind energy generation systems
22.	EN 61439-3:2012/AC:2019-04	Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO)
23.	EN IEC 61482-1-1:2019	Live working - Protective clothing against the thermal hazards of an electric arc - Part 1-1: Test methods - Method 1: Determination of the arc rating (ELIM, ATPV and/or EBT) of clothing materials and of protective clothing using an open arc
24.	EN IEC 61851-1:2019	Electric vehicle conductive charging system - Part 1: General requirements
25.	EN IEC 61869-9:2019	Instrument transformers - Part 9: Digital interface for instrument transformers
26.	EN IEC 61869-14:2019	Instrument transformers - Part 14: Additional requirements for current transformers for DC applications
27.	EN IEC 61869-15:2019	Instrument transformers - Part 15: Additional requirements for voltage transformers for DC applications
28.	EN IEC 62026-1:2019	Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 1: General rules
29.	EN IEC 62040-1:2019	Uninterruptible power systems (UPS) - Part 1: Safety requirements
30.	EN IEC 62040-1:2019/AC:2019-11	Uninterruptible power systems (UPS) - Part 1: Safety requirements
31.	EN IEC 62271-107:2019	High-voltage switchgear and controlgear - Part 107: Alternating current fused circuit-switchers for rated voltages above 1 kV up to and including 52 kV
32.	EN IEC 62271-214:2019	High-voltage switchgear and controlgear - Part 214: Internal arc classification for metal-enclosed pole-mounted switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV
33.	CLC IEC/TR 62271-307:2019	High-voltage switchgear and controlgear - Part 307: Guidance for the extension of validity of type tests of AC metal and solid-insulation enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV
34.	EN 62747:2014/A1:2019	Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems
35.	EN 62751-2:2014/A1:2019	Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems - Part 2: Modular multilevel converters
36.	EN IEC 62840-2:2019	Electric vehicle battery swap system - Part 2: Safety requirements
37.	EN IEC 62862-3-2:2018	Solar thermal electric plants - Part 3-2: Systems and components - General requirements and test methods for large-size parabolic-trough collectors
38.	EN IEC 62878-2-5:2019	Device embedding assembly technology - Part 2-5: Guidelines - Implementation of a 3D data format for device embedded substrate
39.	EN IEC 62909-2:2019	Bi-directional grid-connected power converters - Part 2: Interface of GCPC and distributed energy resources
40.	IEC 60947-5-2:2019	Low-voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements -

		Proximity switches
41.	IEC/TS 61400-3-2:2019	Wind energy generation systems - Part 3-2: Design requirements for floating offshore wind turbines
42.	IEC/TS 61400-25-71:2019	Wind energy generation systems - Part 25-71: Communications for monitoring and control of wind power plants - Configuration description language
43.	IEC 61643-32:2017	Low-voltage surge protective devices - Part 32: Surge protective devices connected to the d.c. side of photovoltaic installations - Selection and application principles
44.	IEC 61643-32:2017/COR1:2019	Corrigendum 1 - Low-voltage surge protective devices - Part 32: Surge protective devices connected to the d.c. side of photovoltaic installations - Selection and application principles
45.	IEC 62026-3:2014/COR2:2019	Corrigendum 2 - Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 3: DeviceNet
46.	IEC/TS 62565-4-1:2019	Nanomanufacturing – Key control characteristics – Part 4-1: Luminescent nanomaterials – Blank detail specification
47.	IEC/TS 62578:2015	Power electronics systems and equipment - Operation conditions and characteristics of active infeed converter (AIC) applications including design recommendations for their emission values below 150 kHz
48.	IEC 62823:2015/A1:2019	Amendment 1 - Thyristor valves for thyristor controlled series capacitors (TCSC) - Electrical testing
49.	IEC/TR 63216:2019	Low-voltage switchgear and controlgear - Electromagnetic compatibility assessment for switchgear and controlgear and their assemblies

**Technical Committee No. 6**  
**“Technical safety and environment” 65 standards**

No.	Standard Number	Standard Title
1.	EN 50104:2019	Electrical equipment for the detection and measurement of oxygen - Performance requirements and test methods
2.	EN 50632-2-6:2015/A1:2019	Electric motor-operated tools - Dust measurement procedure - Part 2-6: Particular requirements for hammers
3.	EN 50693:2019	Product category rules for life cycle assessments of electronic and electrical products and systems
4.	CLC IEC/TS 60079-39:2019	Explosive atmospheres - Part 39: Intrinsically safe systems with electronically controlled spark duration limitation
5.	EN IEC 60086-4:2019	Primary batteries - Part 4: Safety of lithium batteries
6.	EN IEC 60311:2019	Electric irons for household or similar use - Methods for measuring performance
7.	EN 60335-1:2012/A1:2019	Household and similar electrical appliances - Safety - Part 1: General requirements
8.	EN 60335-1:2012/A2:2019	Household and similar electrical appliances - Safety - Part 1: General requirements
9.	EN 60335-1:2012/A14:2019	Household and similar electrical appliances - Safety - Part 1: General requirements
10.	EN 60335-2-4:2010/A2:2019	Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors

11.	EN 60335-2-7:2010/A2:2019	Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines
12.	EN 60335-2-12:2003/A2:2019	Household and similar electrical appliances - Safety - Part 2-12: Particular requirements for warming plates and similar appliances
13.	EN 60335-2-12:2003/A11:2019	Household and similar electrical appliances - Safety - Part 2-12: Particular requirements for warming plates and similar appliances
14.	EN 60335-2-13:2010/A1:2019	Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances
15.	EN 60335-2-17:2013/A11:2019	Household and similar electrical appliances - Safety - Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances
16.	EN 60335-2-52:2003/A12:2019	Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances
17.	EN 60335-2-66:2003/A11:2019	Household and similar electrical appliances - Safety - Part 2-66: Particular requirements for water-bed heaters
18.	EN IEC 60335-2-111:2019	Household and similar electrical appliances - Safety - Part 2-111: Particular requirements for electric ondol mattress with a non-flexible heated part
19.	HD 60364-4-41:2017/A12:2019	Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock
20.	HD 60364-8-1:2019/AC:2019-06	Low-voltage electrical installations - Part 8-1: Functional aspects - Energy efficiency
21.	HD 60364-8-2:2018/A11:2019	Low-voltage electrical installations - Part 8-2: Prosumer's low-voltage electrical installations
22.	EN 60531:2000/A11:2019	Household electric thermal storage room heaters - Methods for measuring performance
23.	EN 60601-2-4:2011/A1:2019	Medical electrical equipment - Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators
24.	EN IEC 60601-2-28:2019	Medical electrical equipment - Part 2-28: Particular requirements for the basic safety and essential performance of X-ray tube assemblies for medical diagnosis
25.	EN IEC 60601-2-46:2019	Medical electrical equipment - Part 2-46: Particular requirements for the basic safety and essential performance of operating tables
26.	EN 60601-2-63:2015/A1:2019	Medical electrical equipment - Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment
27.	EN IEC 60601-2-75:2019	Medical Electrical Equipment - Part 2-75: Particular requirements for the basic safety and essential performance of photodynamic therapy and photodynamic diagnosis equipment
28.	EN 60675:1995/A11:2019	Household electric direct-acting room heaters - Methods for measuring performance
29.	EN 60704-2-3:2019	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-3: Particular requirements for dishwashers
30.	EN 60704-2-3:2019/A11:2019	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-3: Particular requirements for dishwashers
31.	EN 60704-3:2019	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 3: Procedure for determining and verifying declared noise emission values

32.	EN 61770:2009/A1:2019	Electric appliances connected to the water mains - Avoidance of backsiphonage and failure of hose-sets
33.	EN IEC 60825-12:2019	Safety of laser products - Part 12: Safety of free space optical communication systems used for transmission of information
34.	EN 60879:2019	Comfort fans and regulators for household and similar purposes - Methods for measuring performance
35.	EN IEC 60904-3:2019	Photovoltaic devices - Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data
36.	EN IEC 60904-7:2019	Photovoltaic devices - Part 7: Computation of the spectral mismatch correction for measurements of photovoltaic devices
37.	EN IEC 60934:2019	Circuit breakers for equipment (CBE)
38.	EN 61121:2013/A11:2019	Tumble dryers for household use - Methods for measuring the performance
39.	EN IEC 61223-3-5:2019	EN IEC 61223-3-5:2019
40.	EN IEC 62281:2019	Safety of primary and secondary lithium cells and batteries during transport
41.	EN IEC 62561-2:2018/AC:2019-09	Lightning protection system components (LPSC) - Part 2: Requirements for conductors and earth electrodes
42.	EN IEC 62561-7:2018	Lightning protection system components (LPSC) - Part 7: Requirements for earthing enhancing compounds
43.	EN IEC 62676-2-31:2019	Video surveillance systems for use in security applications - Part 2-31: Live streaming and control based on web services
44.	EN IEC 62676-2-32:2019	Video surveillance systems for use in security applications - Part 2-32: Recording control and replay based on web services
45.	EN 62841-2-1:2018/A11:2019	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-1: Particular requirements for hand-held drills and impact drills
46.	EN 62841-3-12:2019	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-12: Particular requirements for transportable threading machines
47.	EN 62841-4-2:2019	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-2: Particular requirements for hedge trimmers
48.	EN IEC 62858:2019	Lightning density based on lightning location systems (LLS) - General principles
49.	EN IEC/ASTM 62885-6:2019	Surface cleaning appliances - Part 6: Wet hard floor cleaning appliances for household or similar use - Methods for measuring the performance
50.	EN IEC 62885-8:2019	Surface cleaning appliances - Part 8: Dry vacuum cleaners for commercial use - Methods for measuring the performance
51.	EN IEC 62985:2019	Methods for calculating size specific dose estimates (SSDE) on computed tomography
52.	EN IEC 63136:2019	Electric dishwashers for commercial use - Test methods for measuring the performance
53.	EN IEC 63202-1:2019	Photovoltaic cells - Part 1: Measurement of light-induced degradation of crystalline silicon photovoltaic cells
54.	IEC 60335-2-62:2019	Household and similar electrical appliances - Safety - Part 2-62: Particular requirements for commercial electric rinsing sinks
55.	IEC 60335-2-95:2019	Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use
56.	IEC 60335-2-97:2016	Household and similar electrical appliances - Safety - Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment

57.	IEC 60335-2-97:2016+A1:2019	Household and similar electrical appliances - Safety - Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment
58.	IEC 60335-2-113:2016	Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources
59.	IEC 60335-2-114:2018	Household and similar electrical appliances - Safety - Part 2-114: Particular requirements for self-balancing personal transport devices for use with batteries containing alkaline or other non-acid electrolytes
60.	IEC 60335-2-116:2019	Household and similar electrical appliances - Safety - Part 2-116: Particular requirements for furniture with electrically motorized parts
61.	IEC 60898-1:2015/A1:2019	Amendment 1 - Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 1: Circuit-breakers for a.c. operation
62.	IEC 62941:2019	Terrestrial photovoltaic (PV) modules - Quality system for PV module manufacturing
63.	IEC 62990-1:2019	Workplace atmospheres - Part 1: Gas detectors - Performance requirements of detectors for toxic gases
64.	IEC 62990-1:2019/COR1:2019	Corrigendum 1 - Workplace atmospheres - Part 1: Gas detectors - Performance requirements of detectors for toxic gases
65.	IEC/TS 63157:2019	Photovoltaic systems - Guidelines for effective quality assurance of power conversion equipment

### Technical Committee No. 7

#### “Semiconductor materials and devices. Electromechanical components and mechanical structures for electronic devices”, 43 standards

No.	Standard Number	Standard Title
1.	EN 50238-1:2019	Railway applications - Compatibility between rolling stock and train detection systems - Part 1: General
2.	CLC/TS 50238-3:2019	Railway applications - Compatibility between rolling stock and train detection systems - Part 3: Compatibility with axle counters
3.	EN 50591:2019	Railway Applications - Rolling Stock - Specification and verification of energy consumption
4.	EN 50668:2019	Railway applications - Signalling and control systems for non UGTMS Urban Rail systems
5.	EN 60062:2016/A1:2019	Marking codes for resistors and capacitors
6.	EN IEC 60384-11:2019	Fixed capacitors for use in electronic equipment - Part 11: Sectional specification - Fixed polyethylene-terephthalate film dielectric metal foil DC capacitors
7.	EN IEC 60384-16:2019	Fixed capacitors for use in electronic equipment - Part 16: Sectional specification - Fixed metallized polypropylene film dielectric DC capacitors
8.	EN IEC 60539-2:2019	Directly heated negative temperature coefficient thermistors - Part 2: Sectional specification - Surface mount negative temperature coefficient thermistors
9.	EN IEC 60747-16-6:2019	Semiconductor devices - Part 16-6: Microwave integrated circuits - Frequency multipliers
10.	EN IEC 60749-18:2019	Semiconductor devices - Mechanical and climatic test methods - Part 18: Ionizing radiation (total dose)

11.	EN IEC 60917-1:2019	Modular order for the development of mechanical structures for electrical and electronic equipment practices - Part 1: Generic standard
12.	EN IEC 60974-3:2019	Arc welding equipment - Part 3: Arc striking and stabilizing devices
13.	EN IEC 60974-7:2019	Arc welding equipment - Part 7: Torches
14.	EN IEC 61333:2019	Marking on ferrite cores
15.	EN IEC 62025-2:2019	High frequency inductive components - Non-electrical characteristics and measuring methods - Part 2: Test methods for non-electrical characteristics
16.	EN IEC 62290-3:2019	Railway applications - Urban guided transport management and command/control systems - Part 3: System requirements specification
17.	EN 62391-1:2016/AC:2019-08	Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification
18.	EN IEC 62812:2019	Low resistance measurements - Methods and guidance
19.	EN IEC 62884-4:2019	Measurement techniques of piezoelectric, dielectric and electrostatic oscillators - Part 4 : Short-term frequency stability test methods
20.	EN IEC 62966-1:2019	Mechanical structures for electrical and electronic equipment - Aisle containment for IT cabinets - Part 1: Dimensions and mechanical requirements
21.	EN IEC 62969-3:2018	Semiconductor devices - Semiconductor interface for automotive vehicles - Part 3: Shock driven piezoelectric energy harvesting for automotive vehicle sensors
22.	EN IEC 63093-12:2019	Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 12: Ring-cores
23.	EN IEC 63093-14:2019	Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 14: EFD-cores
24.	IEC 60050-171:2019	International Electrotechnical Vocabulary (IEV) - Part 171: Digital technology - Fundamental concepts
25.	IEC/TR 60286-7:2019	Packaging of components for automatic handling - Part 7: Introduction of a bulk blister pack for miniaturized components
26.	IEC 60747-5-9:2019	Semiconductor devices - Part 5-9: Optoelectronic devices - Light emitting diodes - Test method of the internal quantum efficiency based on the temperature-dependent electroluminescence
27.	IEC 60747-5-10:2019	Semiconductor devices - Part 5-10: Optoelectronic devices - Light emitting diodes - Test method of the internal quantum efficiency based on the room-temperature reference point
28.	IEC 60747-5-11:2019	Semiconductor devices - Part 5-11: Optoelectronic devices - Light emitting diodes - Test method of radiative and nonradiative currents of light emitting diodes
29.	IEC 60747-18-3:2019	Semiconductor devices - Part 18-3: Semiconductor bio sensors - Fluid flow characteristics of lens-free CMOS photonic array sensor package modules with fluidic system
30.	IEC 60749-20-1:2019	Semiconductor devices - Mechanical and climatic test methods - Part 20-1: Handling, packing, labelling and shipping of surface-mount devices sensitive to the combined effect of moisture and soldering heat
31.	IEC/TR 62258-3:2010	Semiconductor die products - Part 3: Recommendations for good practice in handling, packing and storage
32.	IEC TR 62687:2015	Graphical symbols for use on equipment - Vocabulary
33.	IEC 62830-1:2017	Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 1: Vibration based piezoelectric energy harvesting

34.	IEC 62830-3:2017	Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 3: Vibration based electromagnetic energy harvesting
35.	IEC 62830-4:2019	Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 4: Test and evaluation methods for flexible piezoelectric energy harvesting devices
36.	IEC 62830-6:2019	Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 6: Test and evaluation methods for vertical contact mode triboelectric energy harvesting devices
37.	IEC 62951-1:2017	Semiconductor devices - Flexible and stretchable semiconductor devices - Part 1: Bending test method for conductive thin films on flexible substrates
38.	IEC 62951-2:2019	Semiconductor devices - Flexible and stretchable semiconductor devices - Part 2: Evaluation method for electron mobility, sub-threshold swing and threshold voltage of flexible devices
39.	IEC 62951-3:2018	Semiconductor devices - Flexible and stretchable semiconductor devices - Part 3: Evaluation of thin film transistor characteristics on flexible substrates under bulging
40.	IEC 62951-4:2019	Semiconductor devices - Flexible and stretchable semiconductor devices - Part 4: Fatigue evaluation for flexible conductive thin film on the substrate for flexible semiconductor devices
41.	IEC 62951-5:2019	Semiconductor devices - Flexible and stretchable semiconductor devices - Part 5: Test method for thermal characteristics of flexible materials
42.	IEC 62951-6:2019	Semiconductor devices - Flexible and stretchable semiconductor devices - Part 6: Test method for sheet resistance of flexible conducting films
43.	EN 50238-1:2019	Railway applications - Compatibility between rolling stock and train detection systems - Part 1: General

### Technical Committee No. 8

#### “Measuring equipment. Testing techniques”, 31 standards

No.	Standard Number	Standard Title
1.	EN 50291-2:2019	Electrical apparatus for the detection of carbon monoxide in domestic premises - Part 2: Electrical apparatus for continuous operation in a fixed installation in recreational vehicles and similar premises including recreational craft - Additional test methods and performance requirements
2.	EN 50413:2019	Basic standard on measurement and calculation procedures for human exposure to electric, magnetic and electromagnetic fields (0 Hz - 300 GHz)
3.	EN 50499:2019	Procedure for the assessment of the exposure of workers to electromagnetic fields
4.	CLC/TS 50586:2019	Open Smart Grid Protocol (OSGP)
5.	EN IEC 55015:2019	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
6.	EN IEC 55016-1-1:2019	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus
7.	EN 55016-2-3:2017/A1:2019	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements
8.	EN 55035:2017/AC:2019-	Electromagnetic compatibility of multimedia equipment - Immunity requirements

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9.	EN 60068-2-67:1996/A1:2019	Environmental testing - Part 2-67: Tests - Test Cy: Damp heat, steady state, accelerated test primarily intended for components
10.	EN IEC 60068-2-85:2019	Environmental testing - Part 2-85: Tests - Test Fj: Vibration - Long time history replication
11.	EN IEC 60068-3-3:2019	Environmental testing - Part 3-3: Supporting documentation and guidance - Seismic test methods for equipment
12.	EN IEC 60118-9:2019	Electroacoustics - Hearing aids - Part 9: Methods of measurement of the performance characteristics of bone conduction hearing aids
13.	EN IEC 60193:2019	Hydraulic turbines, storage pumps and pump-turbines - Model acceptance tests
14.	EN IEC 60512-11-1:2019	Connectors for electrical and electronic equipment - Tests and measurements - Part 11-1: Climatic tests - Test 11a - Climatic sequence
15.	EN IEC 60565-2:2019	Underwater acoustics - Hydrophones - Calibration of hydrophones - Part 2: Procedures for low frequency pressure calibration
16.	EN 61000-3-3:2013/A1:2019	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16$ A per phase and not subject to conditional connection
17.	EN IEC 61000-3-11:2019	Electromagnetic compatibility (EMC) - Part 3-11: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems - Equipment with rated current $\leq 75$ A and subject to conditional connection
18.	EN IEC 61000-4-18:2019	Electromagnetic compatibility (EMC) - Part 4-18: Testing and measurement techniques - Damped oscillatory wave immunity test
19.	EN IEC 61000-4-18:2019/AC:2019-10	Electromagnetic compatibility (EMC) - Part 4-18: Testing and measurement techniques - Damped oscillatory wave immunity test
20.	EN IEC 61000-6-4:2019	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments
21.	EN IEC 61076-3-123:2019	Connectors for electrical and electronic equipment - Product requirements - Part 3-123: Rectangular connectors - Detail specification for hybrid connectors for industrial environments, for power supply and fibre optic data transmission, with push-pull locking
22.	EN IEC 61265:2018	Electroacoustics - Instruments for measurement of aircraft noise - Performance requirements for systems to measure sound pressure levels in noise certification of aircraft
23.	EN 62209-2:2010/A1:2019	Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)
24.	EN IEC 62209-3:2019	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Part 3: Vector measurement-based systems (Frequency range of 600 MHz to 6 GHz)
25.	EN IEC 63009:2019	Ultrasonics - Physiotherapy systems - Field specifications and

		methods of measurement in the frequency range 20 kHz to 500 kHz
26.	IEC 60118-13:2019	Electroacoustics - Hearing aids - Part 13: Requirements and methods of measurement for electromagnetic immunity to mobile digital wireless devices
27.	IEC 60601-2-66:2019	Medical electrical equipment - Part 2-66: Particular requirements for the basic safety and essential performance of hearing aids and hearing aid systems
28.	IEC 61000-4-25:2001/A2:2019	Amendment 2 - Electromagnetic compatibility (EMC) - Part 4-25: Testing and measurement techniques - HEMP immunity test methods for equipment and systems
29.	IEC 61010-2-032:2019	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement
30.	IEC/TR 62809:2019	Summary of requirements and tests to products in the scope of IEC 60601-2-66
31.	IEC 61010-2-033:2019	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-033: Particular requirements for hand-held multimeters and other meters for domestic and professional use, capable of measuring mains voltage

**Technical Committee No. 9**  
**“Technology of communication and information”, 63 standards**

No.	Standard Number	Standard Title
1.	EN 16602-70-26:2019	Space product assurance - Crimping of high-reliability electrical connections
2.	CLC/TR 50600-99-1:2019	Information technology - Data centre facilities and infrastructures - Part 99-1: Recommended practices for energy management
3.	CLC/TR 50600-99-2:2019	Information technology - Data centre facilities and infrastructures - Part 99-2: Recommended practices for environmental sustainability
4.	50697:2019	Information technology - Measurement of end-to-end (E2E) links
5.	EN 61158-3-2:2014/A1:2019	Industrial communication networks - Fieldbus specifications - Part 3-2: Data-link layer service definition - Type 2 elements
6.	EN IEC 61158-3-4:2019	Industrial communication networks - Fieldbus specifications - Part 3-4: Data-link layer service definition - Type 4 elements
7.	EN IEC 61158-3-12:2019	Industrial communication networks - Fieldbus specifications - Part 3-12: Data-link layer service definition - Type 12 elements
8.	EN IEC 61158-3-19:2019	Industrial communication networks - Fieldbus specifications - Part 3-19: Data-link layer service definition - Type 19 elements
9.	EN IEC 61158-3-21:2019	Industrial communication networks - Fieldbus specifications - Part 3-21: Data-link layer service definition - Type 21 elements
10.	EN IEC 61158-4-2:2019	Industrial communication networks - Fieldbus specifications - Part 4-2: Data-link layer protocol specification - Type 2 elements
11.	EN IEC 61158-4-3:2019	Industrial communication networks - Fieldbus specifications - Part 4-3: Data-link layer protocol specification - Type 3 elements
12.	EN IEC 61158-4-4:2019	Industrial communication networks - Fieldbus specifications - Part 4-4: Data-link layer protocol specification - Type 4 elements
13.	EN IEC 61158-4-12:2019	Industrial communication networks - Fieldbus specifications - Part 4-12: Data-link layer protocol specification - Type 12 elements
14.	EN IEC 61158-4-19:2019	Industrial communication networks - Fieldbus specifications - Part 4-19: Data-link layer protocol specification - Type 19 elements
15.	EN IEC 61158-4-	Industrial communication networks - Fieldbus specifications - Part 4-

	21:2019	21: Data-link layer protocol specification - Type 21 elements
16.	EN IEC 61158-4-24:2019	Industrial communication networks - Fieldbus specifications - Part 4-24: Data-link layer protocol specification - Type 24 elements
17.	EN IEC 61158-5-2:2019	Industrial communication networks - Fieldbus specifications - Part 5-2: Application layer service definition - Type 2 elements
18.	EN IEC 61158-5-4:2019	Industrial communication networks - Fieldbus specifications - Part 5-4: Application layer service definition - Type 4 elements
19.	EN IEC 61158-5-10:2019	Industrial communication networks - Fieldbus specifications - Part 5-10: Application layer service definition - Type 10 elements
20.	EN IEC 61158-5-12:2019	Industrial communication networks - Fieldbus specifications - Part 5-12: Application layer service definition - Type 12 elements
21.	EN IEC 61158-5-19:2019	Industrial communication networks - Fieldbus specifications - Part 5-19: Application layer service definition - Type 19 elements
22.	EN IEC 61158-5-21:2019	Industrial communication networks - Fieldbus specifications - Part 5-21: Application layer service definition - Type 21 elements
23.	EN IEC 61158-5-23:2019	Industrial communication networks - Fieldbus specifications - Part 5-23: Application layer service definition - Type 23 elements
24.	EN IEC 61158-5-25:2019	Industrial communication networks - Fieldbus specifications - Part 5-25: Application layer service definition - Type 25 elements
25.	EN IEC 61158-6-2:2019	Industrial communication networks - Fieldbus specifications - Part 6-2: Application layer protocol specification - Type 2 elements
26.	EN IEC 61158-6-3:2019	Industrial communication networks - Fieldbus specifications - Part 6-3: Application layer protocol specification - Type 3 elements
27.	EN IEC 61158-6-4:2019	Industrial communication networks - Fieldbus specifications - Part 6-4: Application layer protocol specification - Type 4 elements
28.	CLC IEC/TR 61511-0:2019	Functional safety - Safety instrumented systems for the process industry sector - Part 0: Functional safety for the process industry and IEC 61511
29.	EN IEC 61784-5-2:2018	Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2
30.	EN IEC 61784-5-6:2018	Industrial communication networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6
31.	EN IEC 61784-5-8:2018	Industrial communication networks - Profiles - Part 5-8: Installation of fieldbuses - Installation profiles for CPF 8
32.	EN IEC 61784-5-12:2018	Industrial communication networks - Profiles - Part 5-12: Installation of fieldbuses - Installation profiles for CPF 12
33.	EN IEC 61784-5-18:2018	Industrial communication networks - Profiles - Part 5-18: Installation of fieldbuses - Installation profiles for CPF 18
34.	EN IEC 61784-5-20:2018	Industrial communication networks - Profiles - Part 5-20: Installation of fieldbuses - Installation profiles for CPF 20
35.	EN IEC 61784-5-21:2018	Industrial communication networks - Profiles - Part 5-21: Installation of fieldbuses - Installation profiles for CPF 21
36.	EN IEC 60674-3-2:2019	Specification for plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 2: Requirements for balanced biaxially oriented polyethylene terephthalate (PET) films used for electrical insulation
37.	EN IEC 62443-3-3:2019	Industrial communication networks - Network and system security - Part 3-3: System security requirements and security levels
38.	CLC/TR 62453-51-20:2019	Field device tool (FDT) interface specification - Part 51-20: Communication implementation for common object model - IEC 61784 CPF 2
39.	CLC/TR 62453-51-31:2019	Field device tool (FDT) interface specification - Part 51-31: Communication implementation for common object model - IEC 61784 CP 3/1 and CP 3/2
40.	CLC/TR 62453-51-	Field device tool (FDT) interface specification - Part 51-32:

	32:2019	Communication implementation for common object model - IEC 61784 CP 3/4, CP 3/5 and CP 3/6
41.	CLC/TR 62453-51-60:2019	Field device tool (FDT) interface specification - Part 51-60: Communication implementation for common object model - IEC 61784 CPF 6
42.	CLC/TR 62453-51-90:2019	Field device tool (FDT) interface specification - Part 51-90: Communication implementation for common object model - IEC 61784 CPF 9
43.	CLC IEC/TR 62453-51-150:2019	Field device tool (FDT) interface specification - Part 51-150: Communication implementation for common object model - IEC 61784 CPF 15
44.	CLC IEC/TR 62453-52-31:2019	Field device tool (FDT) interface specification - Part 52-31: Communication implementation for common language infrastructure - IEC 61784 CP 3/1 and CP 3/2
45.	CLC IEC/TR 62453-52-32:2019	Field device tool (FDT) interface specification - Part 52-32: Communication implementation for common language infrastructure - IEC 61784 CP 3/4, CP 3/5 and CP 3/6
46.	CLC IEC/TR 62453-52-90:2019	Field device tool (FDT) interface specification - Part 52-90: Communication implementation for common language infrastructure - IEC 61784 CPF 9
47.	ISO/IEC 7810:2019	Identification cards - Physical characteristics
48.	ISO/IEC 10918-7:2019	Information technology - Digital compression and coding of continuous-tone still images - Part 7: Reference software
49.	ISO/IEC 11179-7:2019	Information technology - Metadata registries (MDR) - Part 7: Metamodel for data set registration
50.	ISO/IEC 14165-246:2019	Information technology - Fibre channel - Part 246: Backbone - 6 (FC-BB-6)
51.	ISO/IEC 14496-3:2019	Information technology - Coding of audio-visual objects - Part 3: Audio
52.	ISO/IEC 14763-2:2019	Information technology - Implementation and operation of customer premises cabling - Part 2: Planning and installation
53.	ISO/IEC/IEEE 16326:2019	Systems and software engineering - Life cycle processes - Project management
54.	ISO/IEC/IEEE 15288:2015	Systems and software engineering -- System life cycle processes
55.	ISO/IEC/IEEE 21840:2019	Systems and software engineering - Guidelines for the utilization of ISO/IEC/IEEE 15288 in the context of system of systems (SoS)
56.	IEC 62680-1-2:2019	Universal serial bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery specification
57.	IEC/TS 62871-2:2019	Professional video storage products - Tape-less camera recorder using MXF file format - Encoding guidelines - Part 2: Mapping MPEG-2 and AVC Streams into MXF
58.	IEC 62942:2019	File format for professional transfer and exchange of digital audio data
59.	IEC 63005-2:2019	Event video data recorder for road vehicle accidents - Part 2: Test methods for evaluating the performance of basic functions
60.	IEC/TR 63122-1:2019	Smart television - Part 1: Conceptual model for smart television
61.	IEC/TR 63122-2:2019	Smart television - Part 2: Framework of integrated service on smart television
62.	IEC/TS 63181-1:2019	LCD multi-screen display terminals – Part 1: Conceptual model

**Technical Committee No. 10**  
**“Digital and analogue telecommunication systems”, 200 standards**

<b>No.</b>	<b>Standard Number</b>	<b>Standard Title</b>
1.	EN 300 175-7 V2.8.1:2019	Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 7: Security features
2.	EN 300 176-2 V2.3.1:2019	Digital Enhanced Cordless Telecommunications (DECT); Test specification; Part 2: Audio and speech
3.	EN 300 175-1 V2.8.1:2019	Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 1: Overview
4.	EN 300 175-4 V2.8.1:2019	Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer
5.	EN 300 175-8 V2.8.1:2019	Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 8: Speech and audio coding and transmission
6.	EN 300 175-2 V2.8.1:2019	Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical Layer (PHL)
7.	EN 300 175-5 V2.8.1:2019	Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network (NWK) layer
8.	EN 300 175-6 V2.8.1:2019	Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing
9.	EN 300 175-3 V2.8.1:2019	Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer
10.	EN 301 908-13 V13.1.1:2019	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)
11.	EN 301 489-1 V2.2.3:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility
12.	EN 301 908-1 V13.1.1:2019	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements
13.	EN 301 549 V3.1.1:2019	Accessibility requirements for ICT products and services
14.	EN 303 446-1 V1.2.1:2019	ElectroMagnetic Compatibility (EMC) standard for combined and/or integrated radio and non-radio equipment; Part 1: Requirements for equipment intended to be used in residential, commercial and light industry locations
15.	EN 303 446-2 V1.2.1:2019	ElectroMagnetic Compatibility (EMC) standard for combined and/or integrated radio and non-radio equipment; Part 2: Requirements for equipment intended to be used in industrial locations
16.	EN 301 908-14 V13.1.1:2019	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)
17.	EN 301 908-18 V13.1.1:2019	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)
18.	EN 301 908-3 V13.1.1:2019	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS)
19.	EN 300 338-1 V1.5.1:2019	Technical characteristics and methods of measurement for equipment for generation, transmission and reception of Digital Selective Calling (DSC) in the maritime MF, MF/HF and/or VHF mobile service; Part 1: Common requirements
20.	EN 300 468 V1.16.1:2019	Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB systems

21.	EN 300 328 V2.2.2:2019	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
22.	EN 300 392-7 V3.5.1:2019	Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 7: Security
23.	EN 303 213-6-1 V3.1.1:2019	Advanced Surface Movement Guidance and Control System (A-SMGCS); Part 6: Harmonised Standard for access to radio spectrum for deployed surface movement radar sensors; Sub-part 1: X-band sensors using pulsed signals and transmitting power up to 100 kW
24.	EN 303 364-3 V1.1.1:2019	Primary Surveillance Radar (PSR); Harmonised Standard for access to radio spectrum; Part 3: Air Traffic Control (ATC) PSR sensors operating in the frequency band 8 500 MHz to 10 000 MHz (X band)
25.	EN 302 890-1 V1.2.1:2019	Intelligent Transport Systems (ITS); Facilities layer function; Part 1: Services Announcement (SA) specification
26.	TS 105 200-3-1 V1.2.1:2019	Access, Terminals, Transmission and Multiplexing (ATTM); Energy management; Operational infrastructures; Implementation of Global KPIs; Part 3: ICT Sites; Sub-part 1: DCEM
27.	TS 105 200-2-3 V1.2.1:2019	Access, Terminals, Transmission and Multiplexing (ATTM); Energy management; Operational infrastructures; Implementation of Global KPIs; Part 2: Specific requirements; Sub-part 3: Mobile broadband access networks
28.	TS 102 232-1 V3.21.1:2019	Lawful Interception (LI); Handover Interface and Service-Specific Details (SSD) for IP delivery; Part 1: Handover specification for IP delivery
29.	TS 103 389 V3.2.1:2019	Railway Telecommunications (RT); Global System for Mobile communications (GSM); Usage of Session Initiation Protocol (SIP) on the Network Switching Subsystem (NSS) to Fixed Terminal Subsystem (FTS) interface for GSM Operation on Railways
30.	TS 102 221 V15.4.0:2019	Smart Cards; UICC-Terminal interface; Physical and logical characteristics (Release 15)
31.	TS 102 221 V16.1.0:2019	Smart Cards; UICC-Terminal interface; Physical and logical characteristics (Release 16)
32.	TS 101 220 V15.2.0:2019	Smart Cards; ETSI numbering system for telecommunication application providers (Release 15)
33.	TS 102 250-2 V2.7.1:2019	Speech and multimedia Transmission Quality (STQ); QoS aspects for popular services in mobile networks; Part 2: Definition of Quality of Service parameters and their computation
34.	TS 102 250-4 V2.3.1:2019	Speech and multimedia Transmission Quality (STQ); QoS aspects for popular services in mobile networks; Part 4: Requirements for Quality of Service measurement equipment
35.	TS 102 250-5 V2.5.1:2019	Speech and multimedia Transmission Quality (STQ); QoS aspects for popular services in mobile networks; Part 5: Definition of typical measurement profiles
36.	TS 102 250-6 V1.3.1:2019	Speech and multimedia Transmission Quality (STQ); QoS aspects for popular services in mobile networks; Part 6: Post processing and statistical methods
37.	TS 103 558 V1.1.1:2019	Speech and multimedia Transmission Quality (STQ); Methods for objective assessment of listening effort
38.	TS 103 624 V1.1.1:2019	Characterization Methodology and Requirement Specifications for the ETSI LC3plus codec
39.	TS 103 176 V2.3.1:2019	Digital Audio Broadcasting (DAB); Rules of implementation; Service information features
40.	TS 101 756 V2.3.1:2019	Digital Audio Broadcasting (DAB); Registered Tables
41.	TS 103 689	Digital Audio Broadcasting (DAB); Filtered Information Service (FIS);

	V1.1.1:2019	Application specification
42.	TS 126 114 V13.9.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 13.9.0 Release 13)
43.	TS 126 114 V13.10.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 13.10.0 Release 13)
44.	TS 136 133 V14.13.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 14.13.0 Release 14)
45.	TS 136 133 V13.17.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 13.17.0 Release 13)
46.	TS 151 010-1 V13.10.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Mobile Station (MS) conformance specification; Part 1: Conformance specification (3GPP TS 51.010-1 version 13.10.0 Release 13)
47.	TS 136 133 V15.8.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 15.8.0 Release 15)
48.	TS 124 229 V13.17.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 13.17.0 Release 13)
49.	TS 124 229 V14.13.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 14.13.0 Release 14)
50.	TS 124 229 V15.8.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 15.8.0 Release 15)
51.	TS 145 008 V13.11.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Radio subsystem link control (3GPP TS 45.008 version 13.11.0 Release 13)
52.	TS 145 008 V14.9.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Radio subsystem link control (3GPP TS 45.008 version 14.9.0 Release 14)
53.	TS 145 008 V15.5.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Radio subsystem link control (3GPP TS 45.008 version 15.5.0 Release 15)
54.	TS 137 145-2 V15.5.0:2019	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 15.5.0 Release 15)
55.	TS 136 141 V13.13.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 13.13.0 Release 13)
56.	TS 136 141 V14.10.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 14.10.0 Release 14)
57.	TS 136 141 V15.8.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 15.8.0 Release 15)

		Release 15)
58.	TS 137 105 V13.10.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 13.10.0 Release 13)
59.	TS 137 105 V14.6.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 14.6.0 Release 14)
60.	TS 136 307 V15.6.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 15.6.0 Release 15)
61.	TS 134 229-2 V15.1.0:2019	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 15.1.0 Release 15)
62.	TS 136 579-2 V14.4.0:2019	LTE; Mission Critical (MC) services over LTE; Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-2 version 14.4.0 Release 14)
63.	TS 134 229-1 V15.1.0:2019	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 1: Protocol conformance specification (3GPP TS 34.229-1 version 15.1.0 Release 15)
64.	TS 137 104 V15.8.0:2019	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) radio transmission and reception (3GPP TS 37.104 version 15.8.0 Release 15)
65.	TS 137 145-1 V15.5.0:2019	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 15.5.0 Release 15)
66.	TS 137 105 V15.7.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 15.7.0 Release 15)
67.	TS 137 141 V15.8.0:2019	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 15.8.0 Release 15)
68.	TS 138 141-1 V15.3.0:2019	5G; NR; Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 15.3.0 Release 15)
69.	TS 138 141-2 V15.3.0:2019	5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.3.0 Release 15)
70.	TS 138 113 V15.7.0:2019	5G; NR; Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 15.7.0 Release 15)
71.	TS 136 104 V15.8.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 15.8.0 Release 15)
72.	TS 134 229-3 V15.2.0:2019	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 15.2.0 Release 15)
73.	TS 136 579-1 V14.4.0:2019	LTE; Mission Critical (MC) services over LTE; Part 1: Common test environment (3GPP TS 36.579-1 version 14.4.0 Release 14)
74.	TS 138 523-3 V15.5.0:2019	5G; 5GS; User Equipment (UE) conformance specification; Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 15.5.0 Release 15)
75.	TS 138 104 V15.7.0:2019	5G; NR; Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 15.7.0 Release 15)
76.	TS 138 101-4 V15.3.0:2019	5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101-4 version 15.3.0 Release 15)
77.	TS 138 101-2 V15.7.0:2019	5G; NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 15.7.0 Release 15)
78.	TS 138 101-1 V15.7.0:2019	5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.7.0 Release 15)
79.	TS 136 355 V15.5.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 15.5.0 Release 15)
80.	TS 136 306 V15.6.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 15.6.0 Release 15)
81.	TS 136 423 V15.7.0:2019	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 version 15.7.0 Release 15)
82.	TS 138 413 V15.5.0:2019	5G; NG-RAN; NG Application Protocol (NGAP) (3GPP TS 38.413 version 15.5.0 Release 15)
83.	TS 138 423 V15.5.0:2019	5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 15.5.0 Release 15)
84.	TS 138 463 V15.5.0:2019	5G; NG-RAN; E1 Application Protocol (E1AP) (3GPP TS 38.463 version 15.5.0 Release 15)
85.	TS 136 101 V15.8.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.8.0 Release 15)
86.	TS 136 413 V15.7.1:2019	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP) (3GPP TS 36.413 version 15.7.1 Release 15)
87.	TS 136 101 V14.13.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 14.13.0 Release 14)
88.	TS 136 307 V14.9.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 14.9.0 Release 14)
89.	TS 123 203 V15.5.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control architecture (3GPP TS 23.203 version 15.5.0 Release 15)
90.	TS 123 401 V15.8.0:2019	LTE; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 15.8.0 Release 15)
91.	TS 123 501 V15.6.0:2019	5G; System architecture for the 5G System (5GS) (3GPP TS 23.501 version 15.6.0 Release 15)
92.	TS 123 502 V15.6.0:2019	5G; Procedures for the 5G System (5GS) (3GPP TS 23.502 version 15.6.0 Release 15)
93.	TS 138 211 V15.7.0:2019	5G; NR; Physical channels and modulation (3GPP TS 38.211 version 15.7.0 Release 15)

94.	TS 138 212 V15.7.0:2019	5G; NR; Multiplexing and channel coding (3GPP TS 38.212 version 15.7.0 Release 15)
95.	TS 138 304 V15.5.0:2019	5G; NR; User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 15.5.0 Release 15)
96.	TS 136 211 V13.12.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.211 version 13.12.0 Release 13)
97.	TS 136 212 V15.7.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (3GPP TS 36.212 version 15.7.0 Release 15)
98.	TS 138 300 V15.7.0:2019	5G; NR; Overall description; Stage-2 (3GPP TS 38.300 version 15.7.0 Release 15)
99.	TS 138 331 V15.7.0:2019	5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 15.7.0 Release 15)
100.	TS 136 331 V14.12.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 14.12.0 Release 14)
101.	TS 136 331 V15.7.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 15.7.0 Release 15)
102.	TS 131 121 V15.5.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 15.5.0 Release 15)
103.	TS 136 300 V14.11.0:2019	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 14.11.0 Release 14)
104.	TS 136 300 V15.7.0:2019	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 15.7.0 Release 15)
105.	TS 136 321 V15.7.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 15.7.0 Release 15)
106.	TS 138 321 V15.7.0:2019	5G; NR; Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 15.7.0 Release 15)
107.	TS 131 102 V15.7.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 15.7.0 Release 15)
108.	TS 131 111 V15.7.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 15.7.0 Release 15)
109.	TS 133 108 V15.6.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Digital cellular telecommunications system (Phase 2+) (GSM); 3G security; Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 15.6.0 Release 15)
110.	TS 134 108 V15.2.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Common test environments for User Equipment (UE); Conformance testing (3GPP TS 34.108 version 15.2.0 Release 15)
111.	TS 134 123-3 V15.3.0:2019	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) conformance specification; Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 15.3.0 Release 15)
112.	TS 136 101 V13.17.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 13.17.0 Release 13)

113.	TS 138 133 V15.7.0:2019	5G; NR; Requirements for support of radio resource management (3GPP TS 38.133 version 15.7.0 Release 15)
114.	TS 126 131 V15.2.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Terminal acoustic characteristics for telephony; Requirements (3GPP TS 26.131 version 15.2.0 Release 15)
115.	TS 126 132 V14.3.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 14.3.0 Release 14)
116.	TS 126 132 V15.2.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 15.2.0 Release 15)
117.	TS 122 261 V15.8.0:2019	5G; Service requirements for next generation new services and markets (3GPP TS 22.261 version 15.8.0 Release 15)
118.	TS 126 114 V14.11.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 14.11.0 Release 14)
119.	TS 126 114 V15.7.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 15.7.0 Release 15)
120.	TS 126 131 V14.2.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Terminal acoustic characteristics for telephony; Requirements (3GPP TS 26.131 version 14.2.0 Release 14)
121.	TS 129 122 V15.5.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; 5G; T8 reference point for Northbound APIs (3GPP TS 29.122 version 15.5.0 Release 15)
122.	TS 129 163 V15.8.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 15.8.0 Release 15)
123.	TS 129 163 V14.13.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 14.13.0 Release 14)
124.	TS 129 163 V13.13.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 13.13.0 Release 13)
125.	TS 129 163 V12.16.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 12.16.0 Release 12)
126.	TS 129 212 V15.8.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC); Reference points (3GPP TS 29.212 version 15.8.0 Release 15)
127.	TS 129 212 V14.11.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC); Reference points (3GPP TS 29.212 version 14.11.0 Release 14)
128.	TS 129 165 V15.9.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 15.9.0 Release 15)
129.	TS 129 165	Digital cellular telecommunications system (Phase 2+) (GSM); Universal

	V14.12.0:2019	Mobile Telecommunications System (UMTS); LTE; Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 14.12.0 Release 14)
130.	TS 126 114 V15.6.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 15.6.0 Release 15)
131.	TS 126 114 V14.10.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 14.10.0 Release 14)
132.	TS 126 114 V12.17.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 12.17.0 Release 12)
133.	TS 133 180 V15.6.0:2019	LTE; Security of the mission critical service (3GPP TS 33.180 version 15.6.0 Release 15)
134.	TS 103 544-2 V1.3.1:2019	Publicly Available Specification (PAS); Intelligent Transport Systems (ITS); MirrorLink®; Part 2: Virtual Network Computing (VNC) based Display and Control
135.	TS 103 544-17 V1.3.1:2019	Publicly Available Specification (PAS); Intelligent Transport Systems (ITS); MirrorLink®; Part 17: MirrorLink® over Wi-Fi Display (WFD)
136.	TS 103 544-22 V1.3.1:2019	Publicly Available Specification (PAS); Intelligent Transport Systems (ITS); MirrorLink®; Part 22: Android Specific Specifications enabling AIDL-based MirrorLink® Applications
137.	TS 103 544-25 V1.3.1:2019	Publicly Available Specification (PAS); Intelligent Transport Systems (ITS); MirrorLink®; Part 25: Navigation Meta Data Service
138.	TS 132 255 V15.4.0:2019	5G; Telecommunication management; Charging management; 5G data connectivity domain charging; Stage 2 (3GPP TS 32.255 version 15.4.0 Release 15)
139.	TS 132 291 V15.4.0:2019	5G; Telecommunication management; Charging management; 5G system, charging service; Stage 3 (3GPP TS 32.291 version 15.4.0 Release 15)
140.	TS 132 298 V15.8.0:2019	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 15.8.0 Release 15)
141.	TS 132 290 V15.5.1:2019	5G; Telecommunication management; Charging management; 5G system; Services, operations and procedures of charging using Service Based Interface (SBI) (3GPP TS 32.290 version 15.5.1 Release 15)
142.	TS 136 213 V14.12.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (3GPP TS 36.213 version 14.12.0 Release 14)
143.	TS 136 213 V15.7.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (3GPP TS 36.213 version 15.7.0 Release 15)
144.	TS 128 541 V15.4.0:2019	5G; Management and orchestration; 5G Network Resource Model (NRM); Stage 2 and stage 3 (3GPP TS 28.541 version 15.4.0 Release 15)
145.	TS 124 008 V15.7.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 (3GPP TS 24.008 version 15.7.0 Release 15)
146.	TS 124 008 V13.13.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 (3GPP TS 24.008 version 13.13.0 Release 13)
147.	TS 124 008 V14.9.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 (3GPP TS 24.008 version 14.9.0 Release 14)

148.	TS 129 273 V14.5.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 14.5.0 Release 14)
149.	TS 129 273 V15.4.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 15.4.0 Release 15)
150.	TS 129 328 V14.6.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 14.6.0 Release 14)
151.	TS 129 328 V15.7.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 15.7.0 Release 15)
152.	TS 127 007 V15.7.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; AT command set for User Equipment (UE) (3GPP TS 27.007 version 15.7.0 Release 15)
153.	TS 129 229 V14.3.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Cx and Dx interfaces based on the Diameter protocol; Protocol details (3GPP TS 29.229 version 14.3.0 Release 14)
154.	TS 129 229 V15.2.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Cx and Dx interfaces based on the Diameter protocol; Protocol details (3GPP TS 29.229 version 15.2.0 Release 15)
155.	TS 136 211 V15.7.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.211 version 15.7.0 Release 15)
156.	TS 136 211 V14.12.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.211 version 14.12.0 Release 14)
157.	TS 124 281 V14.8.0:2019	LTE; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 14.8.0 Release 14)
158.	TS 124 281 V15.6.0:2019	LTE; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 15.6.0 Release 15)
159.	TS 124 237 V15.6.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) service continuity; Stage 3 (3GPP TS 24.237 version 15.6.0 Release 15)
160.	TS 123 167 V15.5.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 15.5.0 Release 15)
161.	TS 123 216 V15.3.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Single Radio Voice Call Continuity (SRVCC); Stage 2 (3GPP TS 23.216 version 15.3.0 Release 15)
162.	TS 123 401 V15.9.0:2019	LTE; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 15.9.0 Release 15)
163.	TS 123 501 V15.7.0:2019	5G; System architecture for the 5G System (5GS) (3GPP TS 23.501 version 15.7.0 Release 15)
164.	TS 123 502 V15.7.0:2019	5G; Procedures for the 5G System (5GS) (3GPP TS 23.502 version 15.7.0 Release 15)
165.	TS 124 501 V15.5.0:2019	5G; Non-Access-Stratum (NAS) protocol for 5G System (5GS); Stage 3 (3GPP TS 24.501 version 15.5.0 Release 15)

166.	TS 123 003 V15.8.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Numbering, addressing and identification (3GPP TS 23.003 version 15.8.0 Release 15)
167.	TS 123 007 V15.4.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Restoration procedures (3GPP TS 23.007 version 15.4.0 Release 15)
168.	TS 129 500 V15.5.0:2019	5G; 5G System; Technical Realization of Service Based Architecture; Stage 3 (3GPP TS 29.500 version 15.5.0 Release 15)
169.	TS 129 274 V15.9.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP Evolved Packet System (EPS); Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C); Stage 3 (3GPP TS 29.274 version 15.9.0 Release 15)
170.	TS 103 466 V1.2.1:2019	Digital Audio Broadcasting (DAB); DAB audio coding (MPEG Layer II)
171.	TS 101 154 V2.6.1:2019	Digital Video Broadcasting (DVB); Specification for the use of Video and Audio Coding in Broadcast and Broadband Applications
172.	TS 103 567 V1.1.1:2019	Requirements on signal interferer handling
173.	TS 103 634 V1.1.1:2019	Digital Enhanced Cordless Telecommunications (DECT); Low Complexity Communication Codec plus (LC3plus)
174.	TS 102 232-1 V3.20.1:2019	Lawful Interception (LI); Handover Interface and Service-Specific Details (SSD) for IP delivery; Part 1: Handover specification for IP delivery
175.	TS 102 657 V1.23.1:2019	Lawful Interception (LI); Retained data handling; Handover interface for the request and delivery of retained data
176.	TS 102 361-4 V1.10.1:2019	Electromagnetic compatibility and Radio spectrum Matters (ERM); Digital Mobile Radio (DMR) Systems; Part 4: DMR trunking protocol
177.	TS 103 553-1 V1.1.1:2019	Environmental Engineering (EE); Innovative energy storage technology for stationary use; Part 1: Overview
178.	TS 102 114 V1.6.1:2019	DTS Coherent Acoustics; Core and Extensions with Additional Profiles
179.	TS 102 527-1 V1.5.1:2019	Digital Enhanced Cordless Telecommunications (DECT); New Generation DECT; Part 1: Wideband speech
180.	TS 102 527-3 V1.7.1:2019	Digital Enhanced Cordless Telecommunications (DECT); New Generation DECT; Part 3: Extended wideband speech services
181.	TS 102 527-5 V1.3.1:2019	Digital Enhanced Cordless Telecommunications (DECT); New Generation DECT; Part 5: Additional feature set nr. 1 for extended wideband speech services
182.	TR 103 536 V1.1.2:2019	SmartM2M; Strategic/technical approach on how to achieve interoperability/interworking of existing standardized IoT Platforms
183.	TR 103 562 V2.1.1:2019	Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Analysis of the Collective Perception Service (CPS); Release 2
184.	TR 102 503 V1.13.1:2019	Lawful Interception (LI); ASN.1 Object Identifiers in Lawful Interception and Retained data handling Specifications
185.	TR 103 644 V1.1.1:2019	CYBER; Increasing smart meter security
186.	TR 103 618 V1.1.1:2019	CYBER; Quantum-Safe Identity-Based Encryption
187.	TR 103 265 V1.4.1:2019	Electromagnetic compatibility and Radio spectrum Matters (ERM); Definition of radio parameters
188.	TR 103 612 V1.1.1:2019	IMT cellular networks; Mobile/Fixed Communication Network (MFCN) in the frequency range 6 425 - 7 125 MHz
189.	TR 103 536 V1.1.1:2019	SmartM2M; Strategic/technical approach on how to achieve interoperability/interworking of existing standardized IoT Platforms

190.	TR 103 585 V1.2.1:2019	Reconfigurable Radio Systems (RRS); Radio Equipment (RE) reconfiguration use cases
191.	TR 102 137 V1.3.1:2019	Electromagnetic compatibility and Radio spectrum Matters (ERM); Use of radio frequency spectrum by equipment meeting ETSI standards
192.	TR 103 581 V1.1.1:2019	Use of measurement detectors in radio measurement methods
193.	TR 102 299 V1.4.1:2019	Emergency Communications (EMTEL); Collection of European Regulatory Texts and orientations
194.	TR 103 573 V1.1.1:2019	Intelligent Transport Systems (ITS); Pre-standardization study of ITS test mode for operational devices in the field
195.	TR 102 216 V5.0.0:2019	Smart Cards; Vocabulary for Smart Card Platform specifications
196.	TR 103 635 V1.1.1:2019	Digital Enhanced Cordless Telecommunications (DECT); DECT-2020 New Radio (NR) interface; Study on MAC and higher layers
197.	TR 103 513 V1.1.1:2019	Digital Enhanced Cordless Telecommunications (DECT); DECT Technology Roadmap
198.	TR 101 495 V2.2.1:2019	Digital Audio Broadcasting (DAB); Guide to DAB standards
199.	TR 103 510 V1.1.1:2019	SmartM2M; SAREF extension investigation; Requirements for Wearables
200.	TR 103 547 V1.1.1:2019	SmartM2M; SAREF extension investigation; Requirements for the Water domain

### Technical Committee No. 12

#### “Metrology and measurements”, 16 standards

No.	Standard Number	Standard Title
1.	EN 17277:2019	Hydrometry - Measurement requirements and classification of rainfall intensity measuring instruments
2.	EN ISO 13385-1:2019	Geometrical product specifications (GPS) - Dimensional measuring equipment - Part 1: Design and metrological characteristics of callipers (ISO 13385-1:2019)
3.	EN ISO 14405-2:2019	Geometrical product specifications (GPS) - Dimensional tolerancing - Part 2: Dimensions other than linear or angular sizes (ISO 14405-2:2018)
4.	EN ISO 20456:2019	Measurement of fluid flow in closed conduits - Guidance for the use of electromagnetic flowmeters for conductive liquids (ISO 20456:2017)
5.	EN ISO 5167-6:2019	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 6: Wedge meters (ISO 5167-6:2019)
6.	ISO 26906:2015	Hydrometry -- Fishpasses at flow measurement structures
7.	ISO 18365:2013	Hydrometry -- Selection, establishment and operation of a gauging station
8.	ISO 24155:2016	Hydrometry -- Hydrometric data transmission systems -- Specification of system requirements
9.	ISO 4375:2014	Hydrometry -- Cableway systems for stream gauging
10.	ISO 4377:2012	Hydrometric determinations -- Flow measurement in open channels using structures -- Flat-V weirs
11.	ISO 11657:2014	Hydrometry -- Suspended sediment in streams and canals -- Determination of concentration by surrogate techniques
12.	ISO 6421:2012	Hydrometry -- Methods for assessment of reservoir sedimentation
13.	ISO 15769:2010	Hydrometry -- Guidelines for the application of acoustic velocity meters using the Doppler and echo correlation methods

14	ISO 3454:2008	Hydrometry -- Direct depth sounding and suspension equipment
15	ISO 4360:2008	Hydrometry -- Open channel flow measurement using triangular profile weirs
16	ISO 21413:2005	Manual methods for the measurement of a groundwater level in a well

### Technical Committee No. 19

#### “Petroleum products, lubricants and related products”, 16 standards

No.	Standard Number	Standard Title
1.	CEN ISO/TS 35105:2019	Petroleum and natural gas industries - Arctic operations - Material requirements for arctic operations (ISO/TS 35105:2018)
2.	EN ISO 18647:2019	Petroleum and natural gas industries - Modular drilling rigs for offshore fixed platforms (ISO 18647:2017)
3.	EN ISO 19345-2:2019	Petroleum and natural gas industry - Pipeline transportation systems - Pipeline integrity management specification - Part 2: Full-life cycle integrity management for offshore pipeline (ISO 19345-2:2019)
4.	EN ISO 19900:2019	Petroleum and natural gas industries - General requirements for offshore structures (ISO 19900:2019)
5.	EN ISO 19901-9:2019	Petroleum and natural gas industries - Specific requirements for offshore structures - Part 9: Structural integrity management (ISO 19901-9:2019)
6.	EN ISO 19905-3:2019	Petroleum and natural gas industries - Site-specific assessment of mobile offshore units - Part 3: Floating unit (ISO 19905-3:2017)
7.	EN ISO 20074:2019	Petroleum and natural gas industry - Pipeline transportation systems - Geological hazards risk management for onshore pipeline (ISO 20074:2019)
8.	EN 17178:2019	Liquid petroleum products - Determination of the total volatile sulfur content in liquefied petroleum gases by ultraviolet fluorescence spectroscopy
9.	EN 17181:2019	Lubricants - Determination of aerobic biological degradation of fully formulated lubricants in an aqueous solution - Test method based on CO <sub>2</sub> -production
10.	EN 17306:2019	Liquid petroleum products - Determination of distillation characteristics at atmospheric pressure - Micro-distillation
11.	EN ISO 6246:2017/A1:2019	Petroleum products - Gum content of fuels - Jet evaporation method - Amendment 1: Purity requirement for n-heptane (ISO 6246:2017/Amd 1:2019)
12.	EN 484:2019	Specification for dedicated liquefied petroleum gas appliances - Independent stoves, including those incorporating a grill for outdoor use
13.	EN 521:2019+AC:2019	Specifications for dedicated liquefied petroleum gas appliances - Portable vapour pressure liquefied petroleum gas appliances
14.	EN ISO 14780:2017/A1:2019	Solid biofuels - Sample preparation - Amendment 1 (ISO 14780:2017/Amd 1:2019)
15.	EN 16214-1:2012+A1:2019	Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 1: Terminology
16.	EN 16214-4:2013+A1:2019	Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part

	4: Calculation methods of the greenhouse gas emission balance using a life cycle analysis approach
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### Technical Committee No. 104

Concrete and related products. Precast concrete products, 19 standards

No.	Standard Number	Standard Title
1.	EN 14908-7:2019	Open communication in building automation, controls and building management - Control Network Protocol - Part 7: Communication via internet protocols
2.	EN 15804:2012+A2:2019	Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products
3.	CEN/TR 17304:2018	Construction products - Assessment of release of dangerous substances - Determination of emissions into indoor air of ammonia from cellulose insulation at 90 % RH
4.	CEN/TS 16637-1:2018	Construction products - Assessment of release of dangerous substances - Part 1: Guidance for the determination of leaching tests and additional testing steps
5.	CEN/TS 17196:2018	Construction products: Assessment of release of dangerous substances - Digestion by aqua regia for subsequent analysis of inorganic substances
6.	CEN/TS 17200:2018+AC:2018	Construction products: Assessment of release of dangerous substances - Analysis of inorganic substances in digests and eluates - Analysis by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)
7.	CEN/TS 17201:2018+AC:2018	Construction products: Assessment of release of dangerous substances - Content of inorganic substances - Methods for analysis of aqua regia digests
8.	CEN/TS 17216:2018	Construction products - Assessment of release of dangerous substances - Determination of activity concentrations of radium-226, thorium-232 and potassium-40 in construction products using semiconductor gamma-ray spectrometry
9.	EN 17087:2019	Construction products: Assessment of release of dangerous substances - Preparation of test portions from the laboratory sample for testing of release and analysis of content
10.	CEN/TS 17331:2019	Construction products: Assessment of release of dangerous substances - Content of organic substances - Methods for extraction and analysis
11.	CEN/TS 17332:2019	Construction products: Assessment of release of dangerous substances - Analysis of organic substances in eluates
12.	ISO 18407:2018	Simplified design of prestressed concrete tanks for potable water
13.	ISO/TS 16774-6:2017	Test methods for repair materials for water-leakage cracks in underground concrete structures -- Part 6: Test method for response to the substrate movement
14.	ISO/TS 16774-5:2017	Test methods for repair materials for water-leakage cracks in underground concrete structures -- Part 5: Test

		method for watertightness
15.	ISO/TS 16774-4:2016	Test methods for repair materials for water-leakage cracks in underground concrete structures -- Part 4: Test method for adhesion on wet concrete surface
16.	ISO/TS 16774-3:2016	Test methods for repair materials for water-leakage cracks in underground concrete structures -- Part 3: Test method for water (wash out) resistance
17.	ISO/TS 16774-2:2016	Test methods for repair materials for water-leakage cracks in underground concrete structures -- Part 2: Test method for chemical resistance
18.	Guidelines for the repair of water-leakage cracks in concrete structures	ISO/TR 16475:2011
19.	ISO/TS 16774-1:2017	Test methods for repair materials for water-leakage cracks in underground concrete structures -- Part 1: Test method for thermal stability

**Technical Committee No. 114**  
**“Safety of machinery and fire safety”, 62 standards**

No.	Standard Number	Standard Title
1.	EN 81-71:2018+AC:2019	Safety rules for the construction and installation of lifts - Particular applications to passenger lifts and goods passenger lifts - Part 71: Vandal resistant lifts
2.	<b>EN 1869:2019</b>	Fire blankets
3.	EN 54-13:2017+A1:2019	Fire detection and fire alarm systems - Part 13: Compatibility and connectability assessment of system components
4.	EN ISO 20607:2019	Safety of machinery - Instruction handbook - General drafting principles (ISO 20607:2019)
5.	EN ISO 13857:2019	Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2019)
6.	EN ISO 13854:2019	Safety of machinery - Minimum gaps to avoid crushing of parts of the human body (ISO 13854:2017)
7.	EN ISO 24550:2019	Ergonomics - Accessible design - Indicator lights on consumer products (ISO 24550:2019)
8.	EN ISO 24551:2019	Ergonomics - Accessible design - Spoken instructions of consumer products (ISO 24551:2019)
9.	EN ISO 25066:2019	Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Common Industry Format (CIF) for Usability - Evaluation Report (ISO/IEC 25066:2016)
10.	EN ISO 27501:2019	The human-centred organization - Guidance for managers (ISO 27501:2019)
11.	EN ISO 9241-210:2019	Ergonomics of human-system interaction - Part 210: Human-centred design for interactive systems (ISO 9241-210:2019)
12.	EN ISO 10551:2019	Ergonomics of the physical environment - Subjective judgement scales for assessing physical environments (ISO 10551:2019)
13.	EN 15269-11:2018+AC:2019	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 11: Fire resistance for operable fabric curtains
14.	CEN/TS 16459:2019	External fire exposure of roofs and roof coverings - Extended application of test results from CEN/TS 1187
15.	EN 15254-3:2019	Extended application of results from fire resistance tests - Non-loadbearing walls - Part 3: Lightweight partitions

16.	EN 15269-1:2019	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
17.	EN 1366-12:2014+A1:2019	Fire resistance tests for service installations - Part 12: Non-mechanical fire barrier for ventilation ductwork
18.	EN 12413:2019	Safety requirements for bonded abrasive products
19.	EN 13236:2019	Safety requirements for superabrasive products
20.	EN 12012-1:2018	Plastics and rubber machines - Size reduction machines - Part 1: Safety requirements for blade granulators and shredders
21.	EN 12301:2019	Plastics and rubber machines - Calenders - Safety requirements
22.	EN 1114-3:2019	Plastics and rubber machines - Extruders and extrusion lines - Part 3: Safety requirements for haul-offs
23.	EN 1612:2019	Plastics and rubber machines - Reaction moulding machines and plants - Safety requirements
24.	EN 12012-4:2019	Plastics and rubber machines - Size reduction machines - Part 4: Safety requirements for agglomerators
25.	EN 12895:2015+A1:2019	Industrial trucks - Electromagnetic compatibility
26.	EN ISO 5010:2019	Earth-moving machinery - Wheeled machines - Steering requirements (ISO 5010:2019)
27.	EN 378-4:2016+A1:2019	Refrigerating systems and heat pumps - Safety and environmental requirements - Part 4: Operation, maintenance, repair and recovery
28.	EN 15182-4:2019	Portable equipment for projecting extinguishing agents supplied by firefighting pumps - Hand-held branchpipes for fire service use - Part 4: High pressure branchpipes PN 40
29.	EN 15182-2:2019	Portable equipment for projecting extinguishing agents supplied by firefighting pumps - Hand-held branchpipes for fire service use - Part 2: Combination branchpipes PN 16
30.	EN 15182-3:2019	Portable equipment for projecting extinguishing agents supplied by firefighting pumps - Hand-held branchpipes for fire service use - Part 3: Smooth bore jet and/or one fixed spray jet angle branchpipes PN 16
31.	EN 15182-1:2019	Portable equipment for projecting extinguishing agents supplied by firefighting pumps - Hand-held branchpipes for fire service use - Part 1: Common requirements
32.	<b>EN ISO 19225:2017/A1:2019</b>	Underground mining machines - Mobile extracting machines at the face - Safety requirements for shearer loaders and plough systems - Amendment 1 (ISO 19225:2017/Amd 1:2019)
33.	EN 17116-3:2019	Specifications for industrial laundry machines - Definitions and testing of capacity and consumption characteristics - Part 3: Continuous tunnel washer
34.	EN 17116-4:2019	Specifications for industrial laundry machines - Definitions and testing of capacity and consumption characteristics - Part 4: Washer-extractors
35.	EN ISO 28927-8:2009/A2:2019	Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action - Amendment 2: Oscillating knives (vibrating screen removal tools) (ISO 28927-8:2009/Amd 2:2019)
36.	EN 12927:2019	Safety requirements for cableway installations designed to carry persons - Ropes
37.	<b>EN ISO 11148-13:2018</b>	Hand-held non-electric power tools - Safety requirements - Part 13: Fastener driving tools (ISO 11148-13:2017)

38.	ISO 13857:2019	Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs
39.	ISO 14955-4:2019	Machine tools - Environmental evaluation of machine tools - Part 4: Principles for measuring metal-forming machine tools and laser processing machine tools with respect to energy efficiency
40.	ISO 8178-3:2019	Reciprocating internal combustion engines - Exhaust emission measurement - Part 3: Test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using a filter type smoke meter
41.	ISO 8178-9:2019	Reciprocating internal combustion engines - Exhaust emission measurement - Part 9: Test cycles and test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using an opacimeter
42.	ISO 9902-6:2018	Textile machinery - Noise test code - Part 6: Fabric manufacturing machinery
43.	ISO 5053-2:2019	Industrial trucks - Vocabulary - Part 2: Fork arms and attachments
44.	ISO/TS 3691-8:2019	Industrial trucks - Safety requirements and verification - Part 8: Regional requirements for countries outside the European Community
45.	ISO 15871:2019	Industrial trucks - Specifications for indicator lights for container handling and grapple arm operations
46.	ISO 22915-21:2019	Industrial trucks - Verification of stability - Part 21: Order-picking trucks with operator position elevating above 1 200 mm
47.	ISO 22915-2:2018	Industrial trucks - Verification of stability - Part 2: Counterbalanced trucks with mast
48.	ISO 22915-4:2018	Industrial trucks - Verification of stability - Part 4: Pallet stackers, double stackers and order-picking trucks with operator position elevating up to and including 1 200 mm lift height
49.	ISO 22915-8:2018	Industrial trucks - Verification of stability - Part 8: Additional stability test for trucks operating in the special condition of stacking with mast tilted forward and load elevated
50.	ISO 5393:2017	Rotary tools for threaded fasteners - Performance test method
51.	ISO/TR 20571:2018	Dynaload - Design and construction - Use and maintenance
52.	ISO 28927-1:2019	Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 1: Angle and vertical grinders
53.	ISO 28927-8:2009/AMD 2:2019	Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action - Amendment 2: Oscillating knives (vibrating screen removal tools)
54.	ISO 8573-2:2018	Compressed air - Contaminant measurement - Part 2: Oil aerosol content
55.	ISO 8573-4:2019	Compressed air - Contaminant measurement - Part 4: Particle content
56.	ISO 18740:2016	Turbocompressors - Performance test code - Simplified acceptance test
57.	ISO 21927-2:2018	Smoke and heat control systems - Part 2: Specifications for natural smoke and heat exhaust ventilators
58.	ISO 21927-4:2019	Smoke and heat control systems - Part 4: Natural smoke and heat exhaust ventilators - Design, requirements and installation
59.	ISO 21927-5:2018	Smoke and heat control systems - Part 5: Powered smoke exhaust systems - Requirements and design
60.	ISO 21927-7:2017	Smoke and heat control systems - Part 7: Smoke ducts sections

61.	ISO 21927-8:2017	Smoke and heat control systems - Part 8: Smoke control dampers
62.	ISO 21927-9:2012	Smoke and heat control systems - Part 9: Specification for control equipment

**Technical Committee No. 129**  
**“Glass”, 15 standards**

No.	Standard Number	Standard Title
1.	EN 12758:2019	Glass in building - Glazing and airborne sound insulation - Product descriptions, determination of properties and extension rules
2.	EN 16612:2019	Glass in building - Determination of the lateral load resistance of glass panes by calculation
3.	EN 16613:2019	Glass in building - Laminated glass and laminated safety glass - Determination of interlayer viscoelastic properties
4.	EN 17074:2019	Glass in building - Environmental product declaration - Product category rules for flat glass products
5.	ISO 16940:2008	Glass in building -- Glazing and airborne sound insulation -- Measurement of the mechanical impedance of laminated glass
6.	ISO 28278-2:2010	Glass in building -- Glass products for structural sealant glazing -- Part 2: Assembly rules
7.	ISO 16936-4:2005	Glass in building -- Forced-entry security glazing -- Part 4: Test and classification by pendulum impact under thermally and fire stressed conditions
8.	ISO 16936-3:2005	Glass in building -- Forced-entry security glazing -- Part 3: Test and classification by manual attack
9.	ISO 16936-2:2005	Glass in building -- Forced-entry security glazing -- Part 2: Test and classification by repetitive impact of a hammer and axe at room temperature
10.	ISO 16936-1:2005	Glass in building -- Forced-entry security glazing -- Part 1: Test and classification by repetitive ball drop
11.	ISO 16935:2007	Glass in building -- Bullet-resistant security glazing -- Test and classification
12.	ISO 16934:2007	Glass in building -- Explosion-resistant security glazing -- Test and classification by shock-tube loading
13.	ISO 16933:2007	Glass in building -- Explosion-resistant security glazing -- Test and classification for arena air-blast loading
14.	ISO 22897:2003	Glass in building -- Glazing and airborne sound insulation -- Product descriptions and determination of properties
15.	ISO 14438:2002	Glass in building -- Determination of energy balance value -- Calculation method

**Technical Committee No. 133**

**“Metals and their alloys”, 102 standards**

No.	Standard Number	Standard Title
1.	EN ISO 17279-1:2018	Welding - Micro joining of 2nd generation high temperature

		superconductors - Part 1: General requirements for the procedure (ISO 17279-1:2018)
2.	EN ISO 17279-2:2018	Welding - Micro joining of 2nd generation high temperature superconductors - Part 2: Qualification for welding and testing personnel (ISO 17279-2:2018)
3.	EN ISO 14731:2019	Welding coordination - Tasks and responsibilities (ISO 14731:2019)
4.	CEN ISO/TR 20173:2018	Welding - Grouping systems for materials - American materials (ISO 20173:2018)
5.	EN 1708-2:2018	Welding - Basic weld joint details in steel - Part 2: Non internal pressurized components
6.	EN ISO 20601:2018	Non-destructive testing of welds - Ultrasonic testing - Use of automated phased array technology for thin-walled steel components (ISO 20601:2018)
7.	EN 1011-6:2018	Welding - Recommendation for welding of metallic materials - Part 6: Laser beam welding
8.	EN 560:2018	Gas welding equipment - Hose connections for equipment for welding, cutting and allied processes
9.	EN ISO 13588:2019	Non-destructive testing of welds - Ultrasonic testing - Use of automated phased array technology (ISO 13588:2019)
10.	EN ISO 2553:2019	Welding and allied processes - Symbolic representation on drawings - Welded joints (ISO 2553:2019)
11.	EN ISO 6947:2019	Welding and allied processes - Welding positions (ISO 6947:2019)
12.	EN ISO 9090:2019	Gas tightness of equipment for gas welding and allied processes (ISO 9090:2019)
13.	EN ISO 18592:2019	Resistance welding - Destructive testing of welds - Method for the fatigue testing of multi-spot-welded specimens (ISO 18592:2019)
14.	EN ISO 18275:2018	Welding consumables - Covered electrodes for manual metal arc welding of high-strength steels - Classification (ISO 18275:2018)
15.	EN ISO 24373:2018	Welding consumables - Solid wires and rods for fusion welding of copper and copper alloys - Classification (ISO 24373:2018)
16.	EN ISO 14174:2019	Welding consumables - Fluxes for submerged arc welding and electroslag welding - Classification (ISO 14174:2019)
17.	EN ISO 17640:2018	Non-destructive testing of welds - Ultrasonic testing - Techniques, testing levels, and assessment (ISO 17640:2018)
18.	EN ISO 3821:2019	Gas welding equipment - Rubber hoses for welding, cutting and allied processes (ISO 3821:2019)
19.	EN ISO 15609-1:2019	Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 1: Arc welding (ISO 15609-1:2019)
20.	EN ISO 9455-16:2019	Soft soldering fluxes - Test methods - Part 16: Flux efficacy test, wetting balance method (ISO 9455-16:2019)
21.	EN ISO 10042:2018	Welding - Arc-welded joints in aluminium and its alloys - Quality levels for imperfections (ISO 10042:2018)
22.	EN ISO 20378:2018	Welding consumables - Rods for gas welding of non-alloy and creep-resisting steels - Classification (ISO 20378:2017)
23.	EN ISO 3690:2018	Welding and allied processes - Determination of hydrogen content in arc weld metal (ISO 3690:2018)
24.	EN ISO 15614-1:2017	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys
25.	EN ISO 15614-1:2017/A1:2019	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 1: Arc and gas welding

		of steels and arc welding of nickel and nickel alloys - Amendment 1 (ISO 15614-1:2017/Amd 1:2019)
26.	EN ISO 15626:2018	Non-destructive testing of welds - Time-of-flight diffraction technique (TOFD) - Acceptance levels (ISO 15626:2018)
27.	EN ISO 17677-1:2019	Resistance welding - Vocabulary - Part 1: Spot, projection and seam welding (ISO 17677-1:2019)
28.	EN ISO 15620:2019	Welding - Friction welding of metallic materials (ISO 15620:2019)
29.	EN ISO 2401:2018	Welding consumables - Covered electrodes - Determination of the efficiency, metal recovery and deposition coefficient (ISO 2401:2018)
30.	EN 1011-3:2018	Welding - Recommendations for welding of metallic materials - Part 3: Arc welding of stainless steels
31.	EN ISO 5178:2019	Destructive tests on welds in metallic materials - Longitudinal tensile test on weld metal in fusion welded joints (ISO 5178:2019)
32.	EN ISO 15612:2018	Specification and qualification of welding procedures for metallic materials - Qualification by adoption of a standard welding procedure specification (ISO 15612:2018)
33.	EN ISO 13919-1:2019	Electron and laser-beam welded joints - Requirements and recommendations on quality levels for imperfections - Part 1: Steel, nickel, titanium and their alloys (ISO 13919-1:2019)
34.	EN ISO 5171:2019	Gas welding equipment - Pressure gauges used in welding, cutting and allied processes (ISO 5171:2019)
35.	EN ISO 24598:2019	Welding consumables - Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of creep-resisting steels - Classification (ISO 24598:2019)
36.	EN ISO 15607:2019	Specification and qualification of welding procedures for metallic materials - General rules (ISO 15607:2019)
37.	EN ISO 15614-7:2019	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 7: Overlay welding (ISO 15614-7:2016)
38.	EN ISO 15609-2:2019	Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 2: Gas welding (ISO 15609-2:2019)
39.	EN ISO 8249:2018	Welding - Determination of Ferrite Number (FN) in austenitic and duplex ferritic-austenitic Cr-Ni stainless steel weld metals (ISO 8249:2018)
40.	EN ISO 8994:2018	Anodizing of aluminium and its alloys - Rating system for the evaluation of pitting corrosion - Grid method (ISO 8994:2018)
41.	EN ISO 3211:2018	Anodizing of aluminium and its alloys - Assessment of resistance of anodic oxidation coatings to cracking by deformation (ISO 3211:2018)
42.	EN ISO 8993:2018	Anodizing of aluminium and its alloys - Rating system for the evaluation of pitting corrosion - Chart method (ISO 8993:2018)
43.	EN ISO 8251:2018	Anodizing of aluminium and its alloys - Measurement of abrasion resistance of anodic oxidation coatings (ISO 8251:2018)
44.	EN ISO 6581:2018	Anodizing of aluminium and its alloys - Determination of the comparative fastness to ultraviolet light and heat of coloured anodic oxidation coatings (ISO 6581:2018)
45.	EN ISO 2085:2018	Anodizing of aluminium and its alloys - Check for continuity of thin anodic oxidation coatings - Copper sulfate test (ISO 2085:2018)
46.	EN 485-2:2016+A1:2018	Aluminium and aluminium alloys - Sheet, strip and plate - Part 2: Mechanical properties

47.	EN ISO 2376:2019	Anodizing of aluminium and its alloys - Determination of breakdown voltage and withstand voltage (ISO 2376:2019)
48.	EN 14726:2019	Aluminium and aluminium alloys - Determination of the chemical composition of aluminium and aluminium alloys by spark optical emission spectrometry
49.	EN 573-3:2019	Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 3: Chemical composition and form of products
50.	EN 12449:2016+A1:2019	Copper and copper alloys - Seamless, round tubes for general purposes
51.	EN 17263:2019	Copper and copper alloys - Eddy current testing on the outer surface of rods, bars, hollow rods and wires for the detection of defects by encircling test coil
52.	EN 1971-2:2019	Copper and copper alloys - Eddy current test for measuring defects on seamless round copper and copper alloy tubes - Part 2: Test with an internal probe on the inner surface
53.	EN 1090-4:2018	Execution of steel structures and aluminium structures - Part 4: Technical requirements for cold-formed structural steel elements and cold-formed structures for roof, ceiling, floor and wall applications
54.	EN 1090-3:2019	Execution of steel structures and aluminium structures - Part 3: Technical requirements for aluminium structures
55.	EN 1753:2019	Magnesium and magnesium alloys - Magnesium alloy ingots and castings
56.	EN 1563:2018	Founding - Spheroidal graphite cast irons
57.	EN 1562:2019	Founding - Malleable cast irons
58.	EN ISO 945-1:2019	Microstructure of cast irons - Part 1: Graphite classification by visual analysis (ISO 945-1:2019)
59.	EN ISO 20728:2018	Corrosion of metal and alloys - Determination of resistance of magnesium alloys to stress corrosion cracking (ISO 20728:2018)
60.	EN ISO 11177:2019	Vitreous and porcelain enamels - Inside and outside enamelled valves and pressure pipe fittings for untreated and potable water supply - Quality requirements and testing (ISO 11177:2019)
61.	EN ISO 28721-1:2019	Vitreous and porcelain enamels - Glass-lined apparatus for process plants - Part 1: Quality requirements for apparatus, components, appliances and accessories (ISO 28721-1:2019)
62.	EN ISO 16151:2018	Corrosion of metals and alloys - Accelerated cyclic test with exposure to acidified salt spray, dry and wet conditions (ISO 16151:2018)
63.	EN ISO 21968:2019	Non-magnetic metallic coatings on metallic and non-metallic basis materials - Measurement of coating thickness - Phase-sensitive eddy-current method (ISO 21968:2019)
64.	EN 13144:2018	Metallic and other inorganic coatings - Method for quantitative measurement of adhesion by tensile test
65.	EN ISO 8289-2:2019	Vitreous and porcelain enamels - Low-voltage test for detecting and locating defects - Part 2: Slurry test for profiled surfaces (ISO 8289-2:2019)
66.	EN ISO 4531:2018	Vitreous and porcelain enamels - Release from enamelled articles in contact with food - Methods of test and limits (ISO 4531:2018)
67.	EN ISO 28763:2019	Vitreous and porcelain enamels - Regenerative, enamelled and packed panels for air-gas and gas-gas heat exchangers - Specifications (ISO 28763:2019)
68.	EN ISO 6158:2018	Metallic and other inorganic coatings - Electrodeposited coatings of chromium for engineering purposes (ISO 6158:2018)

69.	EN ISO 7539-6:2018	Corrosion of metals and alloys - Stress corrosion testing - Part 6: Preparation and use of precracked specimens for tests under constant load or constant displacement (ISO 7539-6:2018, Corrected version 2018-11)
70.	EN ISO 10070:2019	Metallic powders - Determination of envelope-specific surface area from measurements of the permeability to air of a powder bed under steady-state flow conditions (ISO 10070:2019)
71.	EN ISO 4489:2019	Hardmetals - Sampling and testing (ISO 4489:2019)
72.	EN ISO 4022:2018	Permeable sintered metal materials - Determination of fluid permeability (ISO 4022:2018)
73.	EN ISO 4884:2019	Hardmetals - Sampling and testing of powders using sintered test pieces (ISO 4884:2019)
74.	EN ISO 3252:2019	Powder metallurgy - Vocabulary (ISO 3252:2019)
75.	EN ISO 3923-1:2018	Metallic powders - Determination of apparent density - Part 1: Funnel method (ISO 3923-1:2018)
76.	EN ISO 4491-4:2019	Metallic powders - Determination of oxygen content by reduction methods - Part 4: Total oxygen by reduction-extraction (ISO 4491-4:2019)
77.	ISO 683-3:2019	Heat-treatable steels, alloy steels and free-cutting steels - Part 3: Case-hardening steels
78.	ISO 6306:2019	Chemical analysis of steel - Order of listing elements in steel standards
79.	ISO 10679:2019	Steels - Cast tool steels
80.	ISO 11971:2020	Steel and iron castings - Visual testing of surface quality
81.	ISO 4960:2019	Steel strip, cold-reduced with a mass fraction of carbon over 0,25 %
82.	ISO 5000:2019	Steel sheet, aluminium-silicon alloy-coated by the continuous hot-dip process, of commercial and drawing qualities
83.	ISO 5952:2019	Steel sheet, hot-rolled, of structural quality with improved atmospheric corrosion resistance
84.	ISO 16172:2018	Steel sheet, metallic-coated by the continuous hot-dip process for corrugated steel pipe
85.	ISO 6935-2:2019	Steel for the reinforcement of concrete - Part 2: Ribbed bars
86.	ISO 10144:2018	Steels for the reinforcement and prestressing of concrete - Certification scheme for steel bars and wires
87.	ISO 15630-2:2019	Steel for the reinforcement and prestressing of concrete - Test methods - Part 2: Welded fabric and lattice girders
88.	ISO 15630-3:2019	Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel
89.	ISO 15835-1:2018	Steels for the reinforcement of concrete - Reinforcement couplers for mechanical splices of bars - Part 1: Requirements
90.	ISO 15835-2:2018	Steels for the reinforcement of concrete - Reinforcement couplers for mechanical splices of bars - Part 2: Test methods
91.	ISO 15835-3:2018	Steels for the reinforcement of concrete - Reinforcement couplers for mechanical splices of bars - Part 3: Conformity assessment scheme
92.	ISO 10679:2019	Steels - Cast tool steels
93.	ISO 11971:2020	Steel and iron castings - Visual testing of surface quality
94.	ISO 10893-6:2019	Non-destructive testing of steel tubes - Part 6: Radiographic testing of the weld seam of welded steel tubes for the detection of imperfections
95.	ISO 10893-7:2019	Non-destructive testing of steel tubes - Part 7: Digital radiographic testing of the weld seam of welded steel tubes for

		the detection of imperfections
96.	ISO 11484:2019	Steel products - Employer's qualification system for non-destructive testing (NDT) personnel
97.	ISO 185:2019	Grey cast irons - Classification
98.	ISO 945-1:2019	Microstructure of cast irons - Part 1: Graphite classification by visual analysis
99.	ISO 945-4:2019	Microstructure of cast irons - Part 4: Test method for evaluating nodularity in spheroidal graphite cast irons
100.	ISO 9455-16:2019	Soft soldering fluxes - Test methods - Part 16: Flux efficacy test, wetting balance method
101.	ISO 9455-3:2019	Soft soldering fluxes - Test methods - Part 3: Determination of acid value, potentiometric and visual titration methods
102.	ISO 2401:2018	Welding consumables - Covered electrodes - Determination of the efficiency, metal recovery and deposition coefficient

### Technical Committee No. 134

#### “Resilient, textile and laminate floor coverings”, 17 standards

No.	Standard Number	Standard Title
1.	EN 13507:2018	Thermal spraying - Pre-treatment of surfaces of metallic parts and components for thermal spraying
2.	EN 1395-5:2018	Thermal spraying - Acceptance inspection of thermal spraying equipment - Part 5: Plasma spraying in chambers
3.	EN 17001:2018	Thermal spraying - Components with thermally sprayed coatings - Coating specification
4.	EN 17002:2018	Thermal spraying - Components with thermally sprayed coatings - Thermal spray procedure specification
5.	EN ISO 2063-1:2019	Thermal spraying - Zinc, aluminium and their alloys - Part 1: Design considerations and quality requirements for corrosion protection systems (ISO 2063-1:2019)
6.	EN 1081:2018	Resilient, laminate and modular multilayer floor coverings - Determination of the electrical resistance
7.	EN 12104:2018	Resilient floor coverings - Cork floor tiles - Specification
8.	EN 1269:2019	Textile floor coverings - Assessment of impregnations in needed floor coverings by means of a soiling test
9.	EN 1307:2014+A3:2018	Textile floor coverings - Classification
10.	EN 14565:2019	Resilient floor coverings - Floor coverings based upon synthetic thermoplastic polymers - Specification
11.	EN 16354:2018	Laminate floor coverings - Underlays - Specification, requirements and test methods
12.	EN 16641:2019	Textile floor coverings - Guidelines for acceptable colour deviations
13.	EN 687:2019	Resilient floor coverings - Specification for plain and decorative linoleum on a corkment backing
14.	EN ISO 10833:2019	Textile floor coverings - Determination of resistance to damage at cut edges using the modified Vettermann drum test (ISO 10833:2017)
15.	EN ISO 16581:2019	Resilient and laminate floor coverings - Determination of the effect of simulated movement of a furniture leg (ISO 16581:2014)
16.	EN ISO 23999:2018	Resilient floor coverings - Determination of dimensional stability and curling after exposure to heat (ISO 23999:2018)
17.	EN ISO 24342:2018	Resilient and textile floor-coverings - Determination of side

	length, edge straightness and squareness of tiles (ISO 24342:2018)
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**Technical Committee No. 144**  
**“Tractors and machinery for agriculture and forestry”, 13 standards**

No.	Standard Number	Standard Title
1.	EN 12965:2019	Tractors and machinery for agriculture and forestry - Power take-off (PTO) drive shafts and their guards - Safety
2.	EN ISO 10517:2019	Powered hand-held hedge trimmers - Safety (ISO 10517:2019)
3.	EN 13031-1:2019	Greenhouses - Design and construction - Part 1: Commercial production greenhouses
4.	ISO 11783-1:2017	Tractors and machinery for agriculture and forestry -- Serial control and communications data network -- Part 1: General standard for mobile data communication
5.	ISO 11783-10:2015	Tractors and machinery for agriculture and forestry -- Serial control and communications data network -- Part 10: Task controller and management information system data interchange
6.	ISO 11783-12:2014	Tractors and machinery for agriculture and forestry -- Serial control and communications data network -- Part 12: Diagnostics services
7.	ISO 11783-2:2012	Tractors and machinery for agriculture and forestry -- Serial control and communications data network -- Part 2: Physical layer
8.	ISO 11783-2:2012/Cor 1:2012	Tractors and machinery for agriculture and forestry -- Serial control and communications data network -- Part 2: Physical layer
9.	ISO 11783-3:2014	Tractors and machinery for agriculture and forestry -- Serial control and communications data network -- Part 3: Data link layer
10.	ISO 11783-6:2018	Tractors and machinery for agriculture and forestry -- Serial control and communications data network -- Part 6: Virtual terminal
11.	ISO 11783-7:2015	Tractors and machinery for agriculture and forestry -- Serial control and communications data network -- Part 7: Implement messages application layer
12.	ISO 11783-7:2015/Amd 1	Tractors and machinery for agriculture and forestry -- Serial control and communications data network -- Part 7: Implement messages application layer
13.	ISO 11783-9:2012	Tractors and machinery for agriculture and forestry -- Serial control and communications data network -- Part 9: Tractor ECU

**Technical Committee No. 154 “Aggregates, natural stone”, 11 standards**

No.	Standard Number	Standard Title
1.	EN 1015-11:2019	Methods of test for mortar for masonry - Part 11: Determination of flexural and compressive strength of hardened mortar
2.	EN 13383-2:2019	Armourstone, Part 2: Test methods
3.	EN 13384-1:2015+A1:2019	Chimneys - Thermal and fluid dynamic calculation methods - Part 1: Chimneys serving one combustion appliance
4.	EN 13384-2:2015+A1:2019	Chimneys - Thermal and fluid dynamic calculation methods - Part 2: Chimneys serving more than one combustion appliance
5.	EN 1443:2019	Chimneys - General requirements
6.	EN 16907-1:2018	Earthworks - Part 1: Principles and general rules

7.	EN 16907-2:2018	Earthworks - Part 2: Classification of materials
8.	EN 16907-3:2018	Earthworks - Part 3: Construction procedures
9.	EN 16907-4:2018	Earthworks - Part 4: Soil treatment with lime and/or hydraulic binders
10.	EN 16907-5:2018	Earthworks - Part 5: Quality control
11.	EN 16907-6:2018	Earthworks - Part 6: Land reclamation earthworks using dredged hydraulic fill

### Technical Committee No. 172

#### “Pulp, paper and board”, 9 standards

No.	Standard Number	Standard Title
1.	EN ISO 12625-11:2019	Tissue paper and tissue products - Part 11: Determination of wet ball burst strength (ISO 12625-11:2019)
2.	ISO 4094:2017	Paper, board and pulps -- General requirements for the competence of laboratories authorized for the issue of optical reference transfer standards of level 3
3.	ISO 11475:2017	Paper and board -- Determination of CIE whiteness, D65/10 degrees (outdoor daylight)
4.	ISO 11476:2016	Paper and board -- Determination of CIE whiteness, C/2° (indoor illumination conditions)
5.	ISO/TR 10688:2015	Paper, board and pulps - Basic terms and equations for optical properties
6.	ISO 14453:2014	Pulps - Determination of acetone-soluble matter
7.	ISO 15320:2011	Pulp, paper and board - Determination of pentachlorophenol in an aqueous extract
8.	ISO 8254-1:2009	Paper and board - Measurement of specular gloss -- Part 1: 75 degree gloss with a converging beam, TAPPI method
9.	ISO 9198:2001	Paper, board and pulp -Determination of water-soluble sulfates

### Technical Committee No. 175

#### “Round and sawn timber”, 15 standards

No.	Standard Number	Standard Title
1.	EN 234:2019	Wallcoverings in roll form - Specification for wallcoverings for subsequent decoration
2.	EN 622-4:2019	Fibreboards - Specifications - Part 4: Requirements for softboards
3.	EN 14081-1:2016+A1:2019	Timber structures - Strength graded structural timber with rectangular cross section - Part 1: General requirements
4.	EN ISO 19085-7:2019	Woodworking machines - Safety - Part 7: Surface planing, thickness planing, combined surface/thickness planing machines (ISO 19085-7:2019)
5.	EN 844:2019	Round and sawn timber - Terminology
6.	EN 14257:2019	Adhesives - Wood adhesives - Determination of tensile strength of lap joints at elevated temperature (WATT '91)
7.	EN 17224:2019	Determination of compressive shear strength of wood adhesives at elevated temperatures
8.	EN ISO 10123:2019	Adhesives - Determination of shear strength of anaerobic adhesives using pin-and-collar specimens (ISO 10123:2013)
9.	EN ISO	Adhesives - Determination of dynamic resistance to cleavage of

	11343:2019	high-strength adhesive bonds under impact wedge conditions - Wedge impact method (ISO 11343:2019)
10.	EN ISO 22631:2019	Adhesives - Test method for adhesives for floor and wall coverings - Peel test (ISO 22631:2019)
11.	EN ISO 22632:2019	Adhesives - Test method for adhesives for floor and wall coverings - Shear test (ISO 22632:2019)
12.	EN ISO 22633:2019	Adhesives - Test methods for adhesives for floor coverings and wall coverings - Determination of dimensional changes of a linoleum floor covering in contact with an adhesive (ISO 22633:2019)
13.	EN 131-1:2015+A1:2019	Ladders - Part 1: Terms, types, functional sizes
14.	EN 1022:2018	Furniture - Seating - Determination of stability
15.	EN 17214:2019	Visual assessment of furniture surfaces

**Technical Committee No. 205**  
**“Non-active medical devices”, 28 standards**

No.	Standard Number	Standard Title
1.	EN 12764:2015+A1:2018	Sanitary appliances - Specification for whirlpool baths
2.	EN 13310:2015+A1:2018	Kitchen sinks - Functional requirements and test methods
3.	EN 13407:2015+A1:2018	Wall-hung urinals - Functional requirements and test methods
4.	EN 14055:2018	WC and urinal flushing cisterns
5.	EN 14296:2015+A1:2018	Sanitary appliances - Communal washing troughs
6.	EN 14428:2015+A1:2018	Shower enclosures - Functional requirements and test methods
7.	EN 14516:2015+A1:2018	Baths for domestic purposes
8.	EN 14527:2016+A1:2018	Shower trays for domestic purposes
9.	EN 14528:2015+A1:2018	Bidets - Functional requirements and test methods
10.	EN 14688:2015+A1:2018	Sanitary appliances - Wash basins - Functional requirements and test methods
11.	EN 33:2019	WC pans and WC suites - Connecting dimensions
12.	EN 997:2018	WC pans and WC suites with integral trap
13.	EN 13795-1:2019	Surgical clothing and drapes - Requirements and test methods - Part 1: Surgical drapes and gowns
14.	EN 13795-2:2019	Surgical clothing and drapes - Requirements and test methods - Part 2: Clean air suits
15.	EN 14683:2019	Medical face masks - Requirements and test methods
16.	EN ISO 11070:2014/A1:2018	Sterile single-use intravascular introducers, dilators and guidewires - Amendment 1 (ISO 11070:2014/Amd 1:2018)
17.	EN ISO 20696:2018	Sterile urethral catheters for single use (ISO 20696:2018, Corrected version 2018-09)
18.	EN ISO 20697:2018	Sterile drainage catheters and accessory devices for single use (ISO 20697:2018, Corrected version 2018-09)

19.	EN ISO 23500-1:2019	Preparation and quality management of fluids for haemodialysis and related therapies - Part 1: General requirements (ISO 23500-1:2019)
20.	EN ISO 23500-2:2019	Preparation and quality management of fluids for haemodialysis and related therapies - Part 2: Water treatment equipment for haemodialysis applications and related therapies (ISO 23500-2:2019)
21.	EN ISO 23500-3:2019	Preparation and quality management of fluids for haemodialysis and related therapies - Part 3: Water for haemodialysis and related therapies (ISO 23500-3:2019)
22.	EN ISO 23500-4:2019	Preparation and quality management of fluids for haemodialysis and related therapies - Part 4: Concentrates for haemodialysis and related therapies (ISO 23500-4:2019)
23.	EN ISO 23500-5:2019	Preparation and quality management of fluids for haemodialysis and related therapies - Part 5: Quality of dialysis fluid for haemodialysis and related therapies (ISO 23500-5:2019)
24.	EN ISO 23907-1:2019	Sharps injury protection - Requirements and test methods - Part 1: Single-use sharps containers (ISO 23907-1:2019)
25.	EN ISO 7886-4:2019	Sterile hypodermic syringes for single use - Part 4: Syringes with re-use prevention feature (ISO 7886-4:2018)
26.	EN ISO 8637-2:2018	Extracorporeal systems for blood purification - Part 2: Extracorporeal blood circuit for haemodialysers, haemodiafilters and haemofilters (ISO 8637-2:2018)
27.	EN ISO 8871-3:2004/A1:2019	Elastomeric parts for parenterals and for devices for pharmaceutical use - Part 3: Determination of released-particle count - Amendment 1 (ISO 8871-3:2003/Amd 1:2018)
28.	ISO/TS 19930:2017	Guidance on aspects of a risk-based approach to assuring sterility of terminally sterilized, single-use health care product that is unable to withstand processing to achieve maximally a sterility assurance level of 10 <sup>-6</sup>

### Technical Committee No. 215

#### “Respiratory and anesthetic equipment”, 10 standards

No.	Standard Number	Standard Title
1.	EN ISO 10524-1:2019	Pressure regulators for use with medical gases - Part 1: Pressure regulators and pressure regulators with flow-metering devices (ISO 10524-1:2018)
2.	EN ISO 10524-2:2019	Pressure regulators for use with medical gases - Part 2: Manifold and line pressure regulators (ISO 10524-2:2018)
3.	EN ISO 10524-3:2019	Pressure regulators for use with medical gases - Part 3: Pressure regulators integrated with cylinder valves (VIPRs) (ISO 10524-3:2019)
4.	EN ISO 80601-2-61:2019	Medical electrical equipment - Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment (ISO 80601-2-61:2017, Corrected version 2018-02)
5.	EN 148-1:2018	Respiratory protective devices - Threads for facepieces - Part 1: Standard thread connection
6.	EN ISO 11145:2018	Optics and photonics - Lasers and laser-related equipment - Vocabulary and symbols (ISO 11145:2018)
7.	EN ISO 11990:2018	Lasers and laser-related equipment - Determination of laser resistance of tracheal tube shaft and tracheal cuffs (ISO 11990:2018)
8.	EN ISO 13694:2018	Optics and photonics - Lasers and laser-related equipment - Test

		methods for laser beam power (energy) density distribution (ISO 13694:2018)
9.	EN ISO 10079-1:2015/A1:2019	Medical suction equipment - Part 1: Electrically powered suction equipment - Amendment 1: Changes to requirements for operating at extremes of temperature (ISO 10079-1:2015/Amd 1:2018)
10.	EN ISO 7396-1:2016/A1:2019	Medical gas pipeline systems - Part 1: Pipeline systems for compressed medical gases and vacuum - Amendment 1 (ISO 7396-1:2016/Amd 1:2017)

### Technical Committee No. 218

#### “Rubber and plastic products”, 35 standards

No.	Standard Number	Standard Title
1.	EN 549:2019	Rubber materials for seals and diaphragms for gas appliances and gas equipment
2.	EN 13765:2018	Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals - Specification
3.	EN 13766:2018	Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of liquid petroleum gas and liquefied natural gas - Specification
4.	EN 14423:2013+A2:2019	Clamp type coupling assemblies for use with steam hoses rated for pressures up to 18 bar
5.	EN 1762:2018	Rubber hoses and hose assemblies for liquefied petroleum gas, LPG (liquid or gaseous phase), and natural gas up to 25 bar (2,5 MPa) - Specification
6.	EN 856:2015+AC:2019	Rubber hoses and hose assemblies - Rubber-covered spiral wire reinforced hydraulic type - Specification
7.	EN ISO 1403:2019	Rubber hoses, textile-reinforced, for general-purpose water applications - Specification (ISO 1403:2019)
8.	EN ISO 3949:2018	Plastics hoses and hose assemblies - Textile-reinforced types for hydraulic applications - Specification (ISO 3949:2018)
9.	EN ISO 6802:2018	Rubber or plastics hoses and hose assemblies - Hydraulic impulse test with flexing (ISO 6802:2018)
10.	ISO 12493:2017	Rubber, vulcanized - Determination of stress in tension upon heating
11.	ISO 7267-3:2017	Rubber-covered rollers - Determination of apparent hardness - Part 3: Pusey and Jones method
12.	ISO 2878:2017	Rubber, vulcanized or thermoplastic - Antistatic and conductive products - Determination of electrical resistance
13.	ISO 812:2017	Rubber, vulcanized or thermoplastic – Determination of low-temperature brittleness
14.	ISO 814:2017	Rubber, vulcanized or thermoplastic – Determination of adhesion to metal - Two-plate method
15.	ISO 28641:2018	Rubber compounding ingredients - Organic chemicals - General test methods
16.	ISO 11236:2017	Rubber compounding ingredients - p-Phenylenediamine antidegradants (PPDs) - Test methods
17.	ISO 9298:2017	Rubber compounding ingredients - Zinc oxide – Test methods
18.	ISO 6472:2017	Rubber compounding ingredients - Abbreviated terms
19.	ISO 4665:2016	Rubber, vulcanized or thermoplastic - Resistance to weathering
20.	ISO 4662:2017	Rubber, vulcanized or thermoplastic – Determination of rebound resilience

21.	ISO 20299-1:2015	Film for wrapping rubber bales – Part 1: Butadiene rubber (BR) and styrene-butadiene rubber (SBR)
22.	ISO 2930:2017	Rubber, raw natural - Determination of plasticity retention index (PRI)
23.	ISO 11424:2017	Rubber hoses and tubing for air and vacuum systems for internal-combustion engines - Specification
24.	ISO 20437:2017	Natural rubber latex cleanroom gloves - Specification
25.	ISO 2321:2017	Rubber threads - Methods of test
26.	ISO 20058:2017	General purpose rubber thread - Specification
27.	ISO 20057:2017	Rubber household gloves - General requirements and test methods
28.	ISO 19984-3:2017	Rubber and rubber product - Determination of biobased content - Part 3: Biobased mass content
29.	ISO 19984-1:2017	Rubber and rubber products - Determination of biobased content - Part 1: General principles and calculation methods using the formulation of the rubber compound
30.	ISO 19983:2017	Rubber - Determination of precision of test methods
31.	ISO 19846:2017	Reclaimed rubber – Coding and classification system
32.	ISO/TR 24699:2009	Rubber and rubber products - Environmental aspects - General guidelines for their inclusion in standards
33.	ISO 15113:2005	Rubber - Determination of frictional properties
34.	ISO/TR 7620:2005	Rubber materials - Chemical resistance
35.	ISO/TR 9272:2005	Rubber and rubber products - Determination of precision for test method standards

### Technical Committee No. 224

#### “Information systems”, 19 standards

No.	Standard Number	Standard Title
1.	EN 419231:2019	Protection profile for trustworthy systems supporting time stamping
2.	EN ISO 12381:2019	Health informatics - Explicit time-related expressions for healthcare-specific problems (ISO 12381:2019)
3.	EN ISO 13120:2019	Health informatics - Syntax to represent the content of healthcare classification systems - Classification Markup Language (ClaML) (ISO 13120:2019)
4.	EN ISO 13606-1:2019	Health informatics - Electronic health record communication - Part 1: Reference model (ISO 13606-1:2019)
5.	EN ISO 13606-2:2019	Health informatics - Electronic health record communication - Part 2: Archetype interchange specification (ISO 13606-2:2019)
6.	EN ISO 13606-3:2019	Health informatics - Electronic health record communication - Part 3: Reference archetypes and term lists (ISO 13606-3:2019)
7.	EN ISO 13606-4:2019	Health informatics - Electronic health record communication - Part 4: Security (ISO 13606-4:2019)
8.	EN ISO 13606-5:2019	Health informatics - Electronic health record communication - Part 5: Interface specification (ISO 13606-5:2019)
9.	EN 1047-1:2019	Secure storage units - Classification and methods of test for resistance to fire - Part 1: Data cabinets and data inserts
10.	EN 15659:2019	Secure storage units - Classification and methods of test for resistance to fire - Light fire storage units

11.	EN 12896-4:2019	Public transport - Reference data model - Part 4: Operations monitoring and control
12.	EN 12896-5:2019	Public transport - Reference data model - Part 5: Fare management
13.	EN 12896-6:2019	Public transport - Reference data model - Part 6: Passenger information
14.	EN 12896-7:2019	Public transport - Reference data model - Part 7: Driver management
15.	EN 12896-8:2019	Public transport - Reference data model - Part 8: Management information & statistics
16.	EN ISO 12813:2019	Electronic fee collection - Compliance check communication for autonomous systems (ISO 12813:2019)
17.	EN ISO 17573-1:2019	Electronic fee collection - System architecture for vehicle-related tolling - Part 1: Reference model (ISO 17573-1:2019)
18.	EN 16495:2019	Air Traffic Management - Information security for organisations supporting civil aviation operations
19.	EN 16931-1:2017+A1:2019	Electronic invoicing - Part 1: Semantic data model of the core elements of an electronic invoice

### Technical Committee No. 269

#### “Transportable gas cylinders and Shell and water-tube boilers”, 21 standards

No.	Standard Number	Standard Title
1.	EN ISO 22041:2019	Refrigerated storage cabinets and counters for professional use - Performance and energy consumption (ISO 22041:2019)
2.	EN ISO 22041:2019/A1:2019	Refrigerated storage cabinets and counters for professional use - Performance and energy consumption (ISO 22041:2019)
3.	EN 17032:2018/A1:2019	Blast chillers and freezers cabinets for professional use - Classification, requirements and test conditions
4.	EN 13445-3:2014/A6:2019	Unfired pressure vessels - Part 3: Design
5.	EN 13445-3:2014/A7:2019	Unfired pressure vessels - Part 3: Design
6.	EN 13445-3:2014/A8:2019	Unfired pressure vessels - Part 3: Design
7.	EN 15332:2019	Heating boilers - Energy assessment of hot water storage tanks
8.	EN 303-6:2019	Heating boilers - Part 6: Heating boilers with forced draught burners - Specific requirements for the domestic hot water operation and energy performance of water heaters and combination boilers with atomizing oil burners of nominal heat input not exceeding 70 kW
9.	EN ISO 16135:2006/A1:2019	Industrial valves - Ball valves of thermoplastics materials - Amendment 1 (ISO 16135:2006/Amd 1:2019)
10.	EN ISO 16136:2006/A1:2019	Industrial valves - Butterfly valves of thermoplastics materials - Amendment 1 (ISO 16136:2006/Amd 1:2019)
11.	EN ISO 16137:2006/A1:2019	Industrial valves - Check valves of thermoplastics materials - Amendment 1 (ISO 16137:2006/Amd 1:2019)

12.	EN ISO 16138:2006/A1:2019	Industrial valves - Diaphragm valves of thermoplastics materials - Amendment 1 (ISO 16138:2006/Amd 1:2019)
13.	EN ISO 16139:2006/A1:2019	Industrial valves - Gate valves of thermoplastics materials - Amendment 1 (ISO 16139:2006/Amd 1:2019)
14.	EN ISO 21787:2006/A1:2019	Industrial valves - Globe valves of thermoplastics materials - Amendment 1 (ISO 21787:2006/Amd 1:2019)
15.	EN ISO 4126-1:2013/A2:2019	Safety devices for protection against excessive pressure - Part 1: Safety valves (ISO 4126-1:2013)
16.	EN ISO 4126-2:2019	Safety devices for protection against excessive pressure - Part 2: Bursting disc safety devices (ISO 4126-2:2018)
17.	EN 13941-1:2019	District heating pipes - Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks - Part 1: Design
18.	EN 13941-2:2019	District heating pipes - Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks - Part 2: Installation
19.	EN 14419:2019	District heating pipes - Bonded single and twin pipe systems for buried hot water networks - Surveillance systems
20.	EN 15698-1:2019	District heating pipes - Bonded twin pipe systems for directly buried hot water networks - Part 1: Factory made twin pipe assembly of steel service pipes, polyurethane thermal insulation and one casing of polyethylene
21.	EN 15698-2:2019	District heating pipes - Bonded twin pipe systems for directly buried hot water networks - Part 2: Factory made fitting and valve assemblies of steel service pipes, polyurethane thermal insulation and one casing of polyethylene

### Technical Committee No. 249

#### “Plastics”, 30 standards

No.	Standard Number	Standard Title
1.	CEN ISO/TS 15874-7:2018	Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 7: Guidance for the assessment of conformity (ISO/TS 15874-7:2018)
2.	CEN ISO/TS 15875-7:2018	Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 7: Guidance for the assessment of conformity (ISO/TS 15875-7:2018)
3.	CEN ISO/TS 15876-7:2018	Plastics piping systems for hot and cold water installations - Polybutylene (PB) - Part 7: Guidance for the assessment of conformity (ISO/TS 15876-7:2018)
4.	CEN ISO/TS 15877-7:2018	Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 7: Guidance for the assessment of conformity (ISO/TS 15877-7:2018)
5.	CEN ISO/TS 21003-7:2019	Multilayer piping systems for hot and cold water installations inside buildings - Part 7: Guidance for the assessment of conformity (ISO/TS 21003-7:2019)
6.	CEN ISO/TS 22391-7:2018	Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 7: Guidance for the assessment of conformity (ISO/TS 22391-7:2018)
7.	CEN/TS 13476-	Plastics piping systems for non-pressure underground drainage and

	4:2019	sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 4: Assessment of conformity
8.	CEN/TS 1451-2:2019	Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure - Polypropylene (PP) - Part 2: Guidance for the assessment of conformity
9.	CEN/TS 17176-3:2019	Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 3: Fittings
10.	CEN/TS 1852-2:2019	Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 2: Guidance for the assessment of conformity
11.	EN 1401-1:2019	Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U) - Part 1: Specifications for pipes, fittings and the system
12.	EN 1519-1:2019	Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polyethylene (PE) - Part 1: Requirements for pipes, fittings and the system
13.	EN 17150:2019	Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Test method for determination of short-term compression strength of boxes
14.	EN 17151:2019	Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Test method for determination of long-term compression strength of boxes
15.	EN 17152-1:2019	Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Boxes used for infiltration, attenuation and storage systems - Part 1: Specifications for storm water boxes made of PP and PVC-U
16.	EN 17176-1:2019	Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 1: General
17.	EN 17176-2:2019	Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 2: Pipes
18.	EN 17176-5:2019	Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 5: Fitness for purpose of the system
19.	EN ISO 11296-7:2019	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes (ISO 11296-7:2019)
20.	CEN ISO/TR 18486:2018	Plastics - Parameters comparing the spectral irradiance of a laboratory light source for weathering applications to a reference solar spectral irradiance (ISO/TR 18486:2018)
21.	EN 14728:2019	Imperfections in thermoplastic welds - Classification
22.	EN 15860:2018	Plastics - Thermoplastic semi-finished products for machining - Requirements and test methods
23.	EN 17228:2019	Plastics - Bio-based polymers, plastics, and plastics products - Terminology, characteristics and communication
24.	EN 17271:2019	Plastics - Poly(vinyl chloride) (PVC) based profiles - Determination of the peel strength of profiles laminated with foils
25.	EN ISO 1183-1:2019	Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid pycnometer method and titration method (ISO 1183-1:2019, Corrected version 2019-05)
26.	EN ISO 1183-	Plastics - Methods for determining the density of non-cellular plastics -

	2:2019	Part 2: Density gradient column method (ISO 1183-2:2019)
27.	EN ISO 11833-1:2019	Plastics - Unplasticized poly(vinyl chloride) sheets - Part 1: Types, dimensions and characteristics for sheets of thickness not less than 1 mm (ISO 11833-1:2019)
28.	EN ISO 11963:2019	Plastics - Polycarbonate sheets - Types, dimensions and characteristics (ISO 11963:2019)
29.	EN ISO 13468-1:2019	Plastics - Determination of the total luminous transmittance of transparent materials - Part 1: Single-beam instrument (ISO 13468-1:2019)
30.	EN ISO 14851:2019	Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium - Method by measuring the oxygen demand in a closed respirometer (ISO 14851:2019)

### Technical Committee No. 275

#### “Food product analysis. Containers in contact with food”, 49 standards

No.	Standard Number	Standard Title
1.	EN 17251:2020	Foodstuffs - Determination of ochratoxin A in pork meat and derived products by IAC clean-up and HPLC-FLD
2.	EN 17252:2020	Foodstuffs - Determination of phomopsis A in lupin seeds and lupin derived products by HPLC-MS/MS
3.	EN 17254:2019	Foodstuffs - Minimum performance requirements for determination of gluten by ELISA
4.	EN 17264:2019	Foodstuffs - Determination of elements and their chemical species - Determination of aluminium by inductively coupled plasma mass spectrometry (ICP-MS)
5.	EN 17265:2019	Foodstuffs - Determination of elements and their chemical species - Determination of aluminium by inductively coupled plasma optical emission spectrometry (ICP-OES)
6.	EN 17266:2019	Foodstuffs - Determination elements and their chemical species - Determination of organomercury in seafood by elemental mercury analysis
7.	EN 17279:2019	Foodstuffs - Multimethod for the screening of aflatoxin B1, deoxynivalenol, fumonisin B1 and B2, ochratoxin A, T-2 toxin, HT-2 toxin and zearalenone in foodstuffs, excluding foods for infants and young children, by LC-MS/MS
8.	EN 17280:2019	Foodstuffs - Determination of zearalenone and trichothecenes including deoxynivalenol and its acetylated derivatives (3-acetyl-deoxynivalenol and 15-acetyl-deoxynivalenol), nivalenol T-2 toxin and HT-2 toxin in cereals and cereal products by LC-MS/MS
9.	EN ISO 18862:2019	Coffee and coffee products - Determination of acrylamide - Methods using HPLC-MS/MS and GC-MS after derivatization (ISO 18862:2016)
10.	EN ISO 21572:2019	Foodstuffs - Molecular biomarker analysis - Immunochemical methods for the detection and quantification of proteins (ISO 21572:2019)
11.	CEN/TR 17421:2019	Animal feeding stuffs: Methods of sampling and analysis - Recommendations for the organization and evaluation of collaborative studies for multi-analyte methods of analysis
12.	CEN/TS 17174:2018	Animal feeding stuffs: Methods of sampling and analysis - Performance criteria for single laboratory validated and ring-trial validated methods of analysis for the determination of heavy metals
13.	EN 17194:2019	Animal feeding stuffs: Methods of sampling and analysis - Determination of Deoxynivalenol, Aflatoxin B1, Fumonisin B1 & B2, T-2 & HT-2 toxins, Zearalenone and Ochratoxin A in feed materials and compound feed by LC-MS/MS
14.	EN 17212:2019	Animal Feeding stuffs - Methods of sampling and analysis - Determination of melamine and cyanuric acid content by liquid chromatographic method

		with mass spectrometric detection (LC-MS/MS)
15.	EN 17256:2019	Animal feeding stuffs: Methods of sampling and analysis - Determination of ergot alkaloids and tropane alkaloids in feed materials and compound feeds by LC-MS/MS
16.	EN 17270:2019	Animal feeding stuffs: Methods of sampling and analysis - Determination of theobromine in feed materials and compound feed, including cocoa derived ingredients, by liquid chromatography
17.	EN 17294:2019	Animal feeding stuffs - Methods of sampling and analysis - Determination of organic acids by Ion Chromatography with Conductivity Detection (IC-CD)
18.	EN 17298:2019	Animal feeding stuffs - Methods of sampling and analysis - Determination of benzoic and sorbic acid by High Performance Liquid Chromatography (HPLC)
19.	EN 17299:2019	Animal feeding stuffs: Methods of sampling and analysis - Screening and determination of authorized coccidiostats at additive and 1 % and 3 % cross-contamination level, and of non-registered coccidiostats and of one antibiotic at sub-additive levels, in compound feed with High Performance Liquid Chromatography - Tandem Mass Spectrometry detection (LC-MS/MS)
20.	ISO 2256:1984	Dried mint (spearmint) ( <i>Mentha spicata</i> Linnaeus syn. <i>Mentha viridis</i> Linnaeus) -- Specification
21.	ISO 2255:1996	Coriander ( <i>Coriandrum sativum</i> L.), whole or ground (powdered) -- Specification
22.	ISO 2172:1983	Fruit juice -- Determination of soluble solids content -- Pycnometric method
23.	ISO 2169:1981	Fruits and vegetables -- Physical conditions in cold stores -- Definitions and measurement
24.	ISO 2168:1974	Table grapes -- Guide to cold storage
25.	ISO 2164:1975	Pulses -- Determination of glycosidic hydrocyanic acid
26.	ISO 1991- 2:1995	Vegetables -- Nomenclature -- Part 2: Second list
27.	ISO 1991- 1:1982	Vegetables -- Nomenclature -- First list
28.	ISO 1990- 2:1985	Fruits -- Nomenclature -- Second list
29.	ISO 1990- 1:1982	Fruits -- Nomenclature -- First list
30.	ISO 1839:1980	Tea -- Sampling
31.	ISO 1838:1993	Fresh pineapples -- Storage and transport
32.	ISO 1673:1991	Onions -- Guide to storage
33.	ISO 1578:1975	Tea -- Determination of alkalinity of water-soluble ash
34.	ISO 1577:1987	Tea -- Determination of acid-insoluble ash
35.	ISO 1576:1988	Tea -- Determination of water-soluble ash and water-insoluble ash
36.	ISO 1573:1980	Tea -- Determination of loss in mass at 103 degrees C
37.	ISO 1572:1980	Tea -- Preparation of ground sample of known dry matter content

38.	ISO 1212:1995	Apples -- Cold storage
39.	ISO 1208:1982	Spices and condiments -- Determination of filth
40.	ISO 1108:1992	Spices and condiments -- Determination of non-volatile ether extract
41.	ISO 972:1997	Chillies and capsicums, whole or ground (powdered) -- Specification
42.	ISO 948:1980	Spices and condiments -- Sampling
43.	ISO 941:1980	Spices and condiments -- Determination of cold water-soluble extract
44.	ISO 939:1980	Spices and condiments -- Determination of moisture content -- Entrainment method
45.	ISO 931:1980	Green bananas -- Guide to storage and transport
46.	ISO 882-2:1993	Cardamom ( <i>Elettaria cardamomum</i> (Linnaeus) Maton var. <i>minuscula</i> Burkill) -- Specification -- Part 2: Seeds
47.	ISO 882-1:1993	Cardamom ( <i>Elettaria cardamomum</i> (Linnaeus) Maton var. <i>minuscula</i> Burkill) -- Specification -- Part 1: Whole capsules
48.	ISO 873:1980	Peaches -- Guide to cold storage
49.	ISO 676:1995	Spices and condiments -- Botanical nomenclature

**Technical Committee No. 286**  
**“Liquefied petroleum gas equipment”, 14 standards**

No.	Standard Number	Standard Title
1.	EN ISO 10462:2013/A1:2019	Gas cylinders - Acetylene cylinders - Periodic inspection and maintenance - Amendment 1 (ISO 10462:2013/Amd 1:2019)
2.	EN ISO 10961:2019	Gas cylinders - Cylinder bundles - Design, manufacture, testing and inspection (ISO 10961:2019)
3.	EN ISO 11117:2019	Gas cylinders - Valve protection caps and guards - Design, construction and tests (ISO 11117:2019)
4.	EN ISO 14456:2016/A1:2019	Gas cylinders - Gas properties and associated classification (FTSC) codes - Amendment 1 (ISO 14456:2015/Amd 1:2019)
5.	EN ISO 9809-1:2019	Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 1: Quenched and tempered steel cylinders and tubes with tensile strength less than 1 100 MPa (ISO 9809-1:2019)
6.	EN ISO 9809-2:2019	Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 2: Quenched and tempered steel cylinders and tubes with tensile strength greater than or equal to 1 100 MPa (ISO 9809-2:2019)
7.	EN ISO 9809-3:2019	Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 3: Normalized steel cylinders and tubes (ISO 9809-3:2019)
8.	EN ISO 20088-3:2019	Determination of the resistance to cryogenic spillage of insulation materials - Part 3: Jet release (ISO 20088-3:2018)
9.	EN ISO 21593:2019	Ship and marine technology - Technical requirements for dry-disconnect/connect couplings for bunkering liquefied natural gas (ISO 21593:2019)
10.	EN 12807:2019	LPG equipment and accessories - Transportable refillable brazed steel cylinders for liquefied petroleum gas (LPG) - Design and construction
11.	EN 15202:2019	LPG equipment and accessories - Essential operational dimensions for LPG cylinder valve outlet and associated

		equipment connections
12.	EN 16125:2019	LPG Equipment and Accessories - Pipework systems and supports - LPG in liquid phase and vapour pressure phase
13.	EN ISO 14245:2019	Gas cylinders - Specifications and testing of LPG cylinder valves - Self-closing (ISO 14245:2019)
14.	EN ISO 15995:2019	Gas cylinders - Specifications and testing of LPG cylinder valves - Manually operated (ISO 15995:2019)

**Technical Committee No. 304**  
**“Documentation and information”, 7 standards**

No.	Standard Number	Standard Title
1.	EN ISO 21416:2019	Recreational diving services - Requirements and guidance on environmentally sustainable practices in recreational diving (ISO 21416:2019)
2.	EN ISO 21417:2019	Recreational diving services - Requirements for training on environmental awareness for recreational divers (ISO 21417:2019)
3.	EN ISO 19116:2019	Geographic information - Positioning services (ISO 19116:2019)
4.	ISO 12757-1:2017	Ball point pens and refills -- Part 1: General use
5.	ISO 14145-1:2017	Roller ball pens and refills -- Part 1: General use
6.	ISO 27668-1:2017	Gel ink ball pens and refills -- Part 1: General use
7.	ISO 8887-1:2017	Technical product documentation -- Design for manufacturing, assembling, disassembling and end-of-life processing -- Part 1: General concepts and requirements

**Technical Committee No. 307**  
**“Food oils and fats. Oilseeds”, 9 standards**

No.	Standard Number	Standard Title
1.	EN ISO 17059:2019	Oilseeds - Extraction of oil and preparation of methyl esters of triglyceride fatty acids for analysis by gas chromatography (Rapid method) (ISO 17059:2019)
2.	EN ISO 22959:2009	Animal and vegetable fats and oils - Determination of polycyclic aromatic hydrocarbons by on-line donor-acceptor complex chromatography and HPLC with fluorescence detection (ISO 22959:2009)
3.	ISO 20634:2015	Infant formula and adult nutritionals -- Determination of vitamin B12 by reversed phase high performance liquid chromatography (RP-HPLC)
4.	ISO 20633:2015	Infant formula and adult nutritionals -- Determination of vitamin E and vitamin A by normal phase high performance liquid chromatography
5.	ISO 20639:2015	Infant formula and adult nutritionals -- Determination of pantothenic acid by ultra high performance liquid chromatography and tandem mass spectrometry method (UHPLC-MS/MS)
6.	ISO 20638:2015	Infant formula - Determination of nucleotides by liquid chromatography
7.	ISO 20637:2015	Infant formula and adult nutritionals -- Determination of myo-inositol by liquid chromatography and pulsed amperometry
8.	ISO/TS 19657:2017	Definitions and technical criteria for food ingredients to be considered as natural

9.	ISO/TS 34700:2016	Animal welfare management - General requirements and guidance for organizations in the food supply chain
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### Technical Committee No. 336

#### “Bituminous binders. Road materials”, 16 standards

No.	Standard Number	Standard Title
1.	EN 13358:2019	Bitumen and bituminous binders - Determination of the distillation characteristics of cut-back and fluxed bituminous binders made with mineral fluxes
2.	EN 12767:2019	Passive safety of support structures for road equipment - Requirements and test methods
3.	EN 13422:2019	Vertical road signs - Portable deformable warning devices and delineators - Portable road traffic signs - Cones and cylinders
4.	EN 12697-2:2015+A1:2019	Bituminous mixtures - Test methods - Part 2: Determination of particle size distribution
5.	EN 12697-53:2019	Bituminous mixtures - Test methods - Part 53: Cohesion increase by spreadability-meter method
6.	EN 12697-54:2019	Bituminous mixtures - Test methods - Part 54: Curing of specimen for test of mixtures with bitumen emulsion
7.	EN 12697-55:2019	Bituminous mixtures - Test methods - Part 55: Organoleptic assessment of mixtures with bitumen emulsion
8.	EN 12697-56:2019	Bituminous mixtures - Test methods - Part 56: Specimen preparation by static compaction
9.	EN 13036-5:2019	Road and airfield surface characteristics - Test methods - Part 5: Determination of longitudinal unevenness indices
10.	EN 13108-31:2019	Bituminous mixtures - Material specifications - Part 31: Asphalt Concrete with Bituminous Emulsion
11.	EN 14187-5:2019	Cold applied joint sealants - Test methods - Part 5: Determination of the resistance to hydrolysis
12.	EN 14187-7:2019	Cold applied joint sealants - Test methods - Part 7: Determination of the resistance to flame
13.	EN 14187-9:2019	Cold applied joint sealants - Test methods - Part 9: Function testing of joint sealants
14.	EN ISO 13473-1:2019	Characterization of pavement texture by use of surface profiles - Part 1: Determination of mean profile depth (ISO 13473-1:2019)
15.	EN 15597-1:2019	Winter maintenance equipment - Spreading and spraying machines - Part 1: General requirements and definitions
16.	EN 15597-2:2019	Winter maintenance equipment - Spreading and spraying machines - Part 2: Requirements for distribution and their test