

# WORK PROGRAMME

## of General Directorate of Standardization - ALBANIA

### (Period 1 July to 31 December 2019)

#### Technical Committee No. 1 “Quality assurance and social responsibility”, 6 standards

No.	Standard Number	Standard Title
1.	CEN/TS 17091:2018	Crisis management - Guidance for developing a strategic capability
2.	EN ISO 20700:2018	Guidelines for management consultancy services
3.	EN ISO 22315:2018	Societal security - Mass evacuation - Guidelines for planning
4.	EN ISO 22397:2018	Societal security - Guidelines for establishing partnering arrangements
5.	ISO 10007:2017	Quality management - Guidelines for configuration management
6.	ISO 10006:2017	Quality management - Guidelines for quality management in projects

#### Technical Committee No. 3 “Electrical and electronical materials”, 35 standards

No.	Standard Number	Standard Title
1.	EN 50549-1:2019	Requirements for generating plants to be connected in parallel with distribution networks - Part 1: Connection to a LV distribution network - Generating plants up to and including Type B
2.	EN 50549-1:2019/AC:2019-04	Requirements for generating plants to be connected in parallel with distribution networks - Part 1: Connection to a LV distribution network - Generating plants up to and including Type B
3.	EN 50549-2:2019	Requirements for generating plants to be connected in parallel with distribution networks - Part 2: Connection to a MV distribution network - Generating plants up to and including Type B
4.	EN 50549-2:2019/AC:2019-03	Requirements for generating plants to be connected in parallel with distribution networks - Part 2: Connection to a MV distribution network - Generating plants up to and including Type B
5.	EN 50620:2017/A1:2019	Electric cables - Charging cables for electric vehicles
6.	EN 60061-1:1993/A58:2018/AC:2019-04	Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamps Caps
7.	EN 60188:2001/A11:2019	High-pressure mercury vapour lamps - Performance specifications
8.	EN 60317-56:2017	Specifications for particular types of winding wires - Part 56: Solderable fully insulated (FIW) zero-defect polyurethane

		enamelled round copper wire, class 180
9.	EN 60662:2012/A11:2019	High-pressure sodium vapour lamps - Performance specifications
10.	EN 60674-2:2017/A1:2019	Specification for plastic films for electrical purposes - Part 2: Methods of test
11.	EN 60809:2015/A3:2019	Lamps for road vehicles - Dimensional, electrical and luminous requirements
12.	EN 60901:1996/A6:2017	Single-capped fluorescent lamps - Performance specifications
13.	EN 62560:2012/A11:2019	Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications
14.	EN 62612:2013/A1:2017	Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements
15.	EN 62717:2017/A2:2019	LED modules for general lighting - Performance requirements
16.	EN IEC 60810:2018/A1:2019	Lamps, light sources and LED packages for road vehicles - Performance requirements
17.	EN IEC 61290-4-4:2018	Optical amplifiers - Test methods - Part 4-4: Gain transient parameters - Single channel optical amplifiers with gain control
18.	EN IEC 61315:2019	Calibration of fibre-optic power meters
19.	EN IEC 62386-220:2019	Digital addressable lighting interface - Part 220: Particular requirements for control gear - Centrally supplied emergency operation (device type 19)
20.	EN IEC 62496-4-1:2019	Optical circuit boards - Part 4-1: Interface standards - Terminated waveguide OCB assembly using single-row twelve-channel PMT connectors
21.	EN IEC 62554:2011/A1:2018	Sample preparation for measurement of mercury level in fluorescent lamps
22.	EN IEC 62631-3-4:2019	Dielectric and resistive properties of solid insulating materials - Part 3-4: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity at elevated temperatures
23.	EN IEC 62933-2-1:2018/AC:2019-02	Electrical energy storage (EES) systems - Part 2-1: Unit parameters and testing methods - General specification
24.	HD 629-1-S3:2019	Test requirements for accessories for use on power cables of rated voltage from 3,6/6(7,2) kV up to 20,8/36(42) kV - Part 1: Accessories for cables with extruded insulation
25.	EN 50117-1:2019	Coaxial cables - Part 1: Generic specification
26.	EN 50117-10-1:2019	Coaxial cables - Part 10-1: Sectional specification for coaxial cables for analogue and digital signal transmission - Outdoor drop cables for systems operating at 5 MHz - 1 000 MHz
27.	EN 50117-10-2:2019	Coaxial cables - Part 10-2: Sectional specification for coaxial cables for analogue and digital signal transmission - Outdoor drop cables for systems operating at 5 MHz - 3 000 MHz
28.	EN 50117-11-1:2019	Coaxial cables - Part 11-1: Sectional specification for coaxial cables for analogue and digital signal transmission - Distribution and trunk cables for systems operating at 5 MHz - 1 000 MHz

29.	EN 50117-11-2:2019	Coaxial cables - Part 11-2: Sectional specification for coaxial cables for analogue and digital signal transmission - Distribution and trunk cables for systems operating at 5 MHz - 2 000 MHz
30.	EN 50117-9-1:2019	Coaxial cables - Part 9-1: Sectional specification for coaxial cables for analogue and digital signal transmission - Indoor drop cables for systems operating at 5 MHz - 1 000 MHz
31.	EN 50117-9-2:2019	Coaxial cables - Part 9-2: Sectional specification for coaxial cables for analogue and digital signal transmission - Indoor drop cables for systems operating at 5 MHz - 3 000 MHz
32.	EN 50117-9-3:2019	Coaxial cables - Part 9-3: Sectional specification for coaxial cables for analogue and digital signal transmission - Indoor drop cables for systems operating at 5 MHz - 6 000 MHz
33.	IEC 61315:2019	Calibration of fibre-optic power meters
34.	IEC 60721-3-3:2019	Classification of environmental conditions - Part 3-3: Classification of groups of environmental parameters and their severities - Stationary use at weatherprotected locations
35.	IEC 60721-3-4:2019	Classification of environmental conditions - Part 3-4: Classification of groups of environmental parameters and their severities - Stationary use at non-weatherprotected locations

**Technical Committee No. 4**  
**“Electrical and electronic devices”, 36 standards**

No.	Standard Number	Standard Title
1.	EN 50673:2019	Plug-in type bushings for 72,5 kV with 630 A and 1 250 A for electrical equipment
2.	EN 61643-31:2019	Low-voltage surge protective devices - Part 31: Requirements and test methods for SPDs for photovoltaic installations
3.	EN IEC 60034-23:2019	Rotating electrical machines - Part 23: Repair, overhaul and reclamation
4.	EN IEC 60076-22-1:2019	Power transformers - Part 22-1: Power transformer and reactor fittings – Protective devices
5.	EN IEC 60076-22-3:2019	Power transformers - Part 22-3: Power transformer and reactor fittings - Insulating liquid to air heat exchangers
6.	EN IEC 60076-22-4:2019	Power transformers - Part 22-4: Power transformer and reactor fittings - Insulating liquid to water heat exchangers
7.	EN IEC 60900:2018/AC:2019-02	Live working - Hand tools for use up to 1 000 V AC and 1 500 V DC
8.	EN IEC 60947-4-1:2019	Low-voltage switchgear and controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters
9.	EN IEC 60947-7-4:2019	Low-voltage switchgear and controlgear - Part 7-4: Ancillary equipment - PCB terminal blocks for copper conductors
10.	EN IEC 60947-9-1:2019	Low-voltage switchgear and controlgear - Part 9-1: Active arc-fault mitigation systems - Arc quenching devices
11.	EN IEC 61400-1:2019	Wind energy generation systems - Part 1: Design requirements

12.	EN IEC 61952-1:2019	Insulators for overhead lines - Composite line post insulators for AC systems with a nominal voltage greater than 1 000 V - Part 1: definitions, end fittings and designations
13.	EN IEC 62271-109:2019	High-voltage switchgear and controlgear - Part 109: Alternating-current series capacitor by-pass switches
14.	EN IEC 62271-209:2019	High-voltage switchgear and controlgear - Part 209: Cable connections for gas-insulated metal-enclosed switchgear for rated voltages above 52 kV - Fluid-filled and extruded insulation cables - Fluid-filled and dry-type cable-terminations
15.	EN IEC 62660-1:2019	Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 1: Performance testing
16.	EN IEC 62660-2:2019	Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 2: Reliability and abuse testing
17.	EN IEC 62902:2019	Secondary cells and batteries - Marking symbols for identification of their chemistry
18.	EN IEC/IEEE 65700-19-03:2018	Bushings for DC application
19.	EN IEC/IEEE 65700-19-03:2018/AC:2019-03	Bushings for DC application
20.	EN 50341-2-12:2018	Overhead electrical lines exceeding AC 1 kV - Part 2-12: National Normative Aspects (NNA) for ICELAND (based on EN 50341-1:2012)
21.	EN 50341-2-15:2019	Overhead electrical lines exceeding AC 1 kV - Part 2-15: National Normative Aspects (NNAs) for the Netherlands (based on EN 50341-1:2012)
22.	EN 50341-2-2:2019	Overhead electrical lines exceeding AC 1 kV - Part 2-2: National Normative Aspects (NNA) for Belgium (based on EN 50341-1:2012)
23.	EN 50341-2-20:2018	Overhead electrical lines exceeding AC 1 kV - Part 2-20: National Normative Aspects (NNA) for ESTONIA (based on EN 50341-1:2012)
24.	EN 50341-2-24:2019	Overhead electrical lines exceeding AC 1 kV - Part 2-24: National Normative Aspects (NNA) for Romania (based on EN 50341-1:2012)
25.	EN 50341-2-4:2019	Overhead electrical lines exceeding AC 1 kV - Part 2-4: National Normative Aspects (NNA) for GERMANY (based on EN 50341-1:2012)
26.	EN 50341-2-9:2017/A1:2018	Overhead electrical lines exceeding AC 1 kV - Part 2-9: National Normative Aspects (NNA) for Great Britain and Northern Ireland (based on EN 50341-1:2012)
27.	EN IEC 60793-1-31:2019	Optical fibres - Part 1-31: Measurement methods and test procedures - Tensile strength
28.	EN IEC 60793-1-32:2018	Optical fibres - Part 1-32: Measurement methods and test procedures - Coating strippability
29.	EN IEC 60793-1-40:2019	Optical fibres - Part 1-40: Attenuation measurement methods

30.	EN IEC 60793-2-50:2019	Optical fibres - Part 2-50: Product specifications - Sectional specification for class B single-mode fibres
31.	EN IEC 60794-1-31:2018	Optical fibre cables - Part 1-31: Generic specification - Optical cable elements - Optical fibre ribbon
32.	EN IEC 60794-2-11:2019	Optical fibre cables - Part 2-11: Indoor cables - Detailed specification for simplex and duplex cables for use in premises cabling
33.	EN IEC 60794-2-21:2019	Optical fibre cables - Part 2-21: Indoor cables - Detailed specification for multi-fibre optical distribution cables for use in premises cabling
34.	EN IEC 60794-2-30:2019	Optical fibre cables - Part 2-30: Indoor cables - Family specification for optical fibre ribbon cables for use in terminated cable assemblies
35.	EN IEC 60794-2-31:2019	Optical fibre cables - Part 2-31: Indoor cables - Detailed specification for optical fibre ribbon cables for use in premises cabling
36.	EN IEC 60794-4:2018	Optical fibre cables - Part 4: Sectional specification - Aerial optical cables along electrical power lines

**Technical Committee No. 6**  
**“Technical safety and environment” 63 standards**

No.	Standard Number	Standard Title
1.	EN 50059:2018	Electrostatic hand-held spraying equipment - Safety requirements - Hand-held spraying equipment for non-ignitable coating materials
2.	EN 50131-4:2019	Alarm systems - Intrusion and hold-up systems - Part 4: Warning devices
3.	EN 50131-8:2019	Alarm systems - Intrusion and hold-up systems - Part 8: Security fog devices
4.	EN 50436-4:2019	Alcohol interlocks - Test methods and performance requirements - Part 4: Connection and digital interface between the alcohol interlock and the vehicle
5.	EN 50597:2018	Energy consumption of vending machines
6.	EN 50632-1:2015/A1:2019	Electric motor-operated tools - Dust measurement Procedure - Part 1: General requirements
7.	CLC/TS 50677:2019	Clothes washing machines and washer-dryers for household and similar use - Method for the determination of rinsing effectiveness by measurement of the surfactant content at textile materials
8.	EN IEC 60079-15:2019	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
9.	CLC/TR 60079-32-1:2018	Explosive atmospheres - Part 32-1: Electrostatic hazards, guidance
10.	EN IEC 60204-11:2019	Safety of machinery - Electrical equipment of machines - Part 11: Requirements for equipment for voltages above 1 000 V AC or 1 500 V DC and not exceeding 36 kV

11.	EN 60335-2-11:2010/A2:2018	Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers
12.	EN 60335-2-24:2010/A1:2019	Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers
13.	EN 60335-2-24:2010/A2:2019	Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers
14.	EN IEC 60335-2-76:2018/AC:2018-12	Household and similar electrical appliances - Safety - Part 2-76: Particular requirements for electric fence energizers
15.	EN 60335-2-95:2015/A2:2019	Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use
16.	EN 60335-2-99:2003/A1:2019	Household and similar electrical appliances - Safety - Part 2-99: Particular requirements for commercial electric hoods
17.	HD 60364-5-56:2018	Low-voltage electrical installations - Part 5-56: Selection and erection of electrical equipment - Safety services
18.	HD 60364-7-704:2018	Low voltage electrical installations - Part 7-704: Requirements for special installations or locations - Construction and demolition site installations
19.	HD 60364-7-709:2009/A12:2019	Low-voltage electrical installations - Part 7-709: Requirements for special installations or locations - Harbours, marinas and similar locations - Special requirements for shore supply to ships
20.	HD 60364-7-711:2019	Low-voltage electrical installations - Part 7-711: Requirements for special installations or locations - Exhibitions, shows and stands
21.	HD 60364-7-721:2019	Low-voltage electrical installations - Part 7-721: Requirements for special installations or locations - Electrical installations in caravans and motor caravans
22.	HD 60364-7-722:2018	Low-voltage electrical installations - Part 7-722: Requirements for special installations or locations - Supplies for electric vehicles
23.	HD 60364-8-1:2019	Low-voltage electrical installations - Part 8-1: Functional aspects - Energy efficiency
24.	HD 60364-8-2:2018	Low-voltage electrical installations - Part 8-2: Prosumer's low-voltage electrical installations
25.	EN IEC 60601-2-16:2019	Medical electrical equipment - Part 2-16: Particular requirements for the basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment
26.	EN IEC 60601-2-39:2019	Medical electrical equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment
27.	EN 60601-2-40:2019	Medical electrical equipment - Part 2-40: Particular requirements for the basic safety and essential performance of electromyographs and evoked response equipment
28.	EN 60601-2-54:2009/A2:2019	Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy
29.	EN IEC 60601-2-76:2019	Medical electrical equipment - Part 2-76: Particular requirements for the basic safety and essential performance of low energy

		ionized gas haemostasis equipment
30.	EN IEC 60665:2019	A.C. ventilating fans and regulators for household and similar purposes - Methods for measuring performance
31.	EN 60704-2-14:2013/A1:2019	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers
32.	EN 60730-1:2016/A1:2019	Automatic electrical controls - Part 1: General requirements
33.	EN 60730-2-5:2015/A1:2019	Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems
34.	EN IEC 60730-2-9:2019	Automatic electrical controls - Part 2-9: Particular requirements for temperature sensing controls
35.	EN IEC 60730-2-9:2019/A1:2019	Automatic electrical controls - Part 2-9: Particular requirements for temperature sensing controls
36.	EN IEC 60730-2-12:2019	Automatic electrical controls - Part 2-12: Particular requirements for electrically operated door locks
37.	EN IEC 60730-2-14:2019	Automatic electrical controls - Part 2-14: Particular requirements for electric actuators
38.	EN IEC 60730-2-15:2019	Automatic electrical controls - Part 2-15: Particular requirements for automatic electrical air flow, water flow and water level sensing controls
39.	EN 60898-1:2019	Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 1: Circuit-breakers for a.c. operation
40.	EN IEC 61496-3:2019	Safety of machinery - Electro-sensitive protective equipment - Part 3: Particular requirements for active opto-electronic protective devices responsive to diffuse Reflection (AOPDDR)
41.	EN IEC 62464-1:2019	Magnetic resonance equipment for medical imaging - Part 1: Determination of essential image quality parameters
42.	EN IEC 62474:2019	Material declaration for products of and for the electrotechnical industry
43.	JEN IEC 62561-6:2018	Lightning protection system components (LPSC) - Part 6: Requirements for lightning strike counters (LSC)
44.	EN IEC 62561-6:2018/AC:2018-04	Lightning protection system components (LPSC) - Part 6: Requirements for lightning strike counters (LSC)
45.	EN 62752:2016/AC:2019-03	In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPDs)
46.	EN 62784:2018	Vacuum cleaners and dust extractors providing equipment protection level Dc for the collection of combustible dusts - Particular requirements
47.	EN IEC 62793:2018	Protection against lightning - Thunderstorm warning systems
48.	EN 62841-2-21:2019	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-21: Particular requirements for hand-held drain cleaners
49.	EN 62852:2015/AC:2019-02	Connectors for DC-application in photovoltaic systems - Safety requirements and tests
50.	EN IEC 62892:2019	Extended thermal cycling of PV modules - Test procedure

51.	EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
52.	EN ISO 80369-1:2018	Small-bore connectors for liquids and gases in healthcare applications - Part 1: General requirements
53.	EN IEC 80601-2-30:2019	Medical electrical equipment - Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers
54.	IEC 60335-2-2:2019	Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances
55.	IEC 60335-2-7:2019	Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines
56.	IEC 60335-2-9:2019	Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances
57.	IEC 60335-2-11:2019	Household and similar electrical appliances - Safety - Part 2-11: Particular requirements for tumble dryers
58.	IEC 60335-2-14:2016/A1:2019	Amendment 1 - Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines
59.	IEC 60335-2-51:2019	Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations
60.	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
61.	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
62.	IEC 60704-2-16:2019	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-16: Particular requirements for washer-dryers
63.	IEC 62115:2017	Electric toys - Safety

### Technical Committee No. 7

#### “Semiconductor materials and devices. Electromechanical components and mechanical structures for electronic devices”, 39 standards

No.	Standard Number	Standard Title
1.	EN 50121-3-1:2017/A1:2019	Railway applications - Electromagnetic compatibility - Part 3-1: Rolling stock - Train and complete vehicle
2.	EN 50121-3-2:2016/A1:2019	Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock - Apparatus
3.	EN 50121-4:2016/A1:2019	Railway applications - Electromagnetic compatibility - Part 4: Emission and immunity of the signalling and telecommunications apparatus
4.	EN 50121-5:2017/A1:2019	Railway applications - Electromagnetic compatibility - Part 5: Emission and immunity of fixed power supply installations and

		apparatus
5.	EN 50129:2018/AC:2019-04	Railway applications - Communication, signalling and processing systems - Safety related electronic systems for signalling
6.	EN IEC 60027-2:2019	Letter symbols to be used in electrical technology - Part 2: Telecommunications and electronics
7.	EN IEC 60122-4:2019	Quartz crystal units of assessed quality - Part 4: Crystal units with thermistors
8.	EN IEC 60286-3:2019	Packaging of components for automatic handling - Part 3: Packaging of surface mount components on continuous tapes
9.	EN IEC 60384-17:2019	Fixed capacitors for use in electronic equipment - Part 17: Sectional specification - Fixed metallized polypropylene film dielectric AC and pulse capacitors
10.	EN IEC 60384-21:2019	Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1
11.	EN IEC 60384-22:2019	Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2
12.	EN 60603-7:2009/A2:2019	Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors
13.	EN IEC 60749-17:2019	Semiconductor devices - Mechanical and climatic test methods - Part 17: Neutron irradiation
14.	EN IEC 60974-1:2018/A1:2019	Arc welding equipment - Part 1: Welding power sources
15.	EN IEC 60974-2:2019	Arc welding equipment - Part 2: Liquid cooling systems
16.	EN IEC 60974-5:2019	Arc welding equipment - Part 5: Wire feeders
17.	EN IEC 60974-14:2018	Arc welding equipment - Part 14: Calibration, validation and consistency testing
18.	EN IEC 61051-1:2018	Varistors for use in electronic equipment - Part 1: Generic specification
19.	EN IEC 61967-1:2019	Integrated circuits - Measurement of electromagnetic emissions - Part 1: General conditions and definitions
20.	EN IEC 62822-1:2018	Electric welding equipment - Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 GHz) - Part 1: Product family standard
21.	EN IEC 62822-3:2018	Electric welding equipment - Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 GHz) - Part 3: Resistance welding equipment
22.	EN IEC 62228-3:2019	Integrated circuits - EMC evaluation of transceivers - Part 3: CAN transceivers
23.	EN IEC 62433-1:2019	EMC IC modelling - Part 1: General modelling framework
24.	EN IEC 62884-3:2018	Measurement techniques of piezoelectric, dielectric and electrostatic oscillators - Part 3: Frequency aging test methods
25.	EN IEC 62928:2018	Railway applications - Rolling stock - Onboard lithium-ion traction batteries
26.	EN IEC 62969-1:2018	Semiconductor devices - Semiconductor interface for automotive vehicles - Part 1: General requirements of power interface for automotive vehicle sensors
27.	EN IEC 62969-2:2018	Semiconductor devices - Semiconductor interface for automotive

		vehicles - Part 2: Efficiency evaluation methods of wireless power transmission using resonance for automotive vehicles sensors
28.	EN IEC 62969-4:2018	Semiconductor devices - Semiconductor interface for automotive vehicles - Part 4: Evaluation method of data interface for automotive vehicle sensors
29.	EN IEC 63093-4:2019	Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 4: RM-cores
30.	EN IEC 63093-5:2018	Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 5: EP-cores and associated parts for use in inductors and transformers
31.	EN IEC 63093-6:2018	Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 6: ETD-cores for use in power supplies
32.	EN IEC 63093-7:2018	Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 7: EER-cores
33.	EN IEC 63093-8:2018	Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 8: E-cores
34.	EN IEC 63093-11:2018	Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 11: EC-cores for use in power supply applications
35.	EN IEC 63093-13:2019	Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 13: PQ-cores
36.	EN 140401-804:2011/A2:2019	Detail Specification: Fixed low power film high stability SMD resistors - Rectangular - Stability classes 0,1; 0,25
37.	IEC 60747-18-1:2019	Semiconductor devices - Part 18-1: Semiconductor bio sensors - Test method and data analysis for calibration of lens-free CMOS photonic array sensors
38.	IEC 60749-18:2019	Semiconductor devices - Mechanical and climatic test methods - Part 12: Vibration, variable frequency
39.	IEC 62486:2017	Railway applications - Current collection systems - Technical criteria for the interaction between pantograph and overhead contactline (to achieve free access)

**Technical Committee No. 8**  
**“Measuring equipment. Testing techniques”, 37 standards**

No.	Standard Number	Standard Title
1.	EN 50194-2:2019	Electrical apparatus for the detection of combustible gases in domestic premises - Part 2: Electrical apparatus for continuous operation in a fixed installation in recreational vehicles and similar premises - Additional test methods and performance requirements
2.	EN 50470-1:2006/A1:2018	Electricity metering equipment (a.c.) - Part 1: General requirements, tests and test conditions - Metering equipment (class indexes A, B and C)
3.	EN 50470-2:2006/A1:2018	Electricity metering equipment (a.c.) - Part 2: Particular requirements - Electromechanical meters for active energy (class indexes A and B)
4.	EN 50470-3:2006/A1:2018	Electricity metering equipment (a.c.) - Part 3: Particular requirements - Static meters for active energy (class indexes A, B and C)

5.	EN IEC 55016-1-4:2019	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements
6.	EN 55016-4-2:2011/A2:2018/AC:2019-02	Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-2: Uncertainties, statistics and limit modelling - Measurement instrumentation uncertainty
7.	EN IEC 60068-2-5:2018	Environmental testing - Part 2-5: Tests - Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering
8.	EN 60068-2-58:2015/A1:2018	Environmental testing - Part 2-58: Tests - Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD)
9.	EN 60068-2-69:2017/AC:2018-03	Environmental testing - Part 2-69: Tests - Test Te/Tc: Solderability testing of electronic components and printed boards by the wetting balance (force measurement) method
10.	EN 60500:2017	Underwater acoustics - Hydrophones - Properties of hydrophones in the frequency range 1 Hz to 500 kHz
11.	EN IEC 60512-1:2018	Connectors for electrical and electronic equipment - Tests and measurements - Part 1: Generic specification
12.	EN IEC 60512-23-3:2019	Connectors for electrical and electronic equipment - Tests and measurements - Part 23-3: Screening and filtering tests - Test 23c: Shielding effectiveness of connectors and accessories - Line injection method
13.	EN IEC 60512-99-002:2019	Connectors for electrical and electronic equipment - Tests and measurements - Part 99-002: Endurance test schedules - Test 99b: Test schedule for unmating under electrical load
14.	EN 60603-7:2009/A2:2019	Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors
15.	EN IEC 60721-2-4:2018/AC:2018-12	Classification of environmental conditions - Part 2-4: Environmental conditions appearing in nature - Solar radiation and temperature
16.	EN IEC 60721-2-7:2018/AC:2018-12	Classification of environmental conditions - Part 2: Environmental conditions appearing in nature - Fauna and flora
17.	EN IEC 60721-3-2:2018/AC:2018-12	Classification of environmental conditions - Part 3-2: Classification of groups of environmental parameters and their severities - Transportation and Handling
18.	EN 61000-2-2:2002/A2:2019	Electromagnetic compatibility (EMC) - Environment - Compatibility levels for low-frequency conducted disturbances and signalling in public low-voltage power supply systems
19.	EN IEC 61000-3-2:2019	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current $\leq 16$ A per phase)
20.	EN IEC 61000-6-1:2019	Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments
21.	EN IEC 61000-6-2:2019	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments
22.	EN 61010-1:2010/A1:2019	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements

23.	EN 61010-1:2010/A1:2019/AC:2019-04	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements
24.	EN 61076-1:2006/A1:2019	Connectors for electronic equipment - Product requirements - Part 1: Generic specification
25.	EN IEC 61076-3-124:2019	Connectors for electrical and electronic equipment - Product requirements - Part 3-124: Rectangular connectors - Detail specification for 10-way, shielded, free and fixed connectors for I/O and data transmission with frequencies up to 500 MHz
26.	EN IEC 61189-2-630:2018	Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 2-630: Test methods for materials for interconnection structures - Moisture absorption after pressure vessel conditioning
27.	EN IEC 61249-2-45:2018	Materials for printed boards and other interconnecting structures – Part 2-45: Reinforced base materials clad and unclad – Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of thermal conductivity 1,0 W/(m•K) and defined flammability (vertical burning test), copper-clad for lead-free assembly
28.	EN IEC 61249-2-46:2018	Materials for printed boards and other interconnecting structures – Part 2-46: Reinforced base materials clad and unclad – Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of thermal conductivity 1,5 W/(m•K) and defined flammability (vertical burning test), copper-clad for lead-free assembly
29.	EN IEC 61249-2-47:2018	Materials for printed boards and other interconnecting structures – Part 2-47: Reinforced base materials clad and unclad – Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of thermal conductivity 2.0 W/(m•K) and defined flammability (vertical burning test), copper-clad for lead-free assembly
30.	EN 61760-4:2015/A1:2018	Surface mounting technology - Part 4: Classification, packaging, labelling and handling of moisture sensitive devices
31.	EN IEC 62056-8-4:2019	Electricity metering data exchange - the DLMS/COSEM suite - Part 8-4: Communication profiles for narrow-band OFDM PLC PRIME neighbourhood networks
32.	IEC 60479-1:2018	Effects of current on human beings and livestock - Part 1: General aspects
33.	IEC 60479-2:2019	Effects of current on human beings and livestock - Part 2: Special aspects
34.	IEC 62055-41:2018	Electricity metering - Payment systems - Part 41: Standard transfer specification (STS) - Application layer protocol for one-way token carrier systems
35.	IEC/TS 62736:2016	Ultrasonics - Pulse-echo scanners - Simple methods for periodic testing to verify stability of an imaging system's elementary performance
36.	IEC/TR 62669:2019	Case studies supporting IEC 62232 - Determination of RF field strength, power density and SAR in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure

37.	IEC 61010-2-091:2019	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-091: Particular requirements for cabinet X-ray systems
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**“Digital and analogue telecommunication systems”, 269 standards**

No.	Standard Number	Standard Title
1.	EN 319 532-3 V1.2.1:2019	Electronic Signatures and Infrastructures (ESI); Registered Electronic Mail (REM) Services; Part 3: Formats
2.	EN 319 531 V1.1.1:2019	Electronic Signatures and Infrastructures (ESI); Policy and security requirements for Registered Electronic Mail Service Providers
3.	EN 319 522-4-1 V1.2.1:2019	Electronic Signatures and Infrastructures (ESI); Electronic Registered Delivery Services; Part 4: Bindings; Sub-part 1: Message delivery bindings
4.	EN 319 521 V1.1.1:2019	Electronic Signatures and Infrastructures (ESI); Policy and security requirements for Electronic Registered Delivery Service Providers
5.	EN 303 520 V1.2.1:2019	Short Range Devices (SRD); Ultra Low Power (ULP) wireless medical capsule endoscopy devices operating in the band 430 MHz to 440 MHz; Harmonised Standard for access to radio spectrum
6.	EN 303 470 V1.1.1:2019	Environmental Engineering (EE); Energy Efficiency measurement methodology and metrics for servers
7.	EN 303 345-1 V1.1.1:2019	Broadcast Sound Receivers; Part 1: Generic requirements and measuring methods
8.	EN 303 098 V2.2.1:2019	Maritime low power personal locating devices employing AIS; Harmonised Standard for access to radio spectrum
9.	EN 302 637-3 V1.3.1:2019	Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 3: Specifications of Decentralized Environmental Notification Basic Service
10.	EN 302 637-2 V1.4.1:2019	Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 2: Specification of Cooperative Awareness Basic Service
11.	EN 302 636-5-1 V2.2.1:2019	Intelligent Transport Systems (ITS); Vehicular Communications; GeoNetworking; Part 5: Transport Protocols; Sub-part 1: Basic Transport Protocol
12.	EN 301 841-2 V1.2.1:2019	VHF air-ground Digital Link (VDL) Mode 2; Technical characteristics and methods of measurement for ground-based equipment; Part 2: Upper layers
13.	EN 301 489-53 V1.1.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 53: Specific conditions for terrestrial sound broadcasting and digital TV broadcasting service transmitters and associated ancillary equipment; Harmonised standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
14.	EN 301 489-51 V2.1.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 51: Specific conditions for Automotive, Ground based Vehicles and Surveillance Radar Devices using 24,05 GHz to 24,25 GHz, 24,05 GHz to 24,5 GHz, 76 GHz to 77 GHz and 77 GHz

		to 81 GHz; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
15.	EN 301 489-50 V2.2.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 50: Specific conditions for Cellular Communication Base Station (BS), repeater and ancillary equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
16.	EN 301 489-35 V2.2.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 35: Specific requirements for Low Power Active Medical Implants (LP-AMI) operating in the 2 483,5 MHz to 2 500 MHz bands; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
17.	EN 301 489-34 V2.1.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 34: Specific conditions for External Power Supply (EPS) for mobile phones; Harmonised Standard covering the essential requirements of article 6 of Directive 2014/30/EU
18.	EN 301 489-33 V2.2.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 33: Specific conditions for Ultra-WideBand (UWB) devices; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
19.	EN 301 489-31 V2.2.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 31: Specific conditions for equipment in the 9 kHz to 315 kHz band for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P); Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
20.	EN 301 489-29 V2.2.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 29: Specific conditions for Medical Data Service Devices (MEDS) operating in the 401 MHz to 402 MHz and 405 MHz to 406 MHz bands; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
21.	EN 301 489-27 V2.2.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 27: Specific conditions for Ultra Low Power Active Medical Implants (ULP-AMI) and related peripheral devices (ULP-AMI-P) operating in the 402 MHz to 405 MHz bands; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
22.	EN 301 489-20 V2.1.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 20: Specific conditions for Mobile Earth Stations (MES) used in the Mobile Satellite Services (MSS); Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
23.	EN 301 489-19 V2.1.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications and GNSS receivers operating in the RNSS band (ROGNSS) providing positioning, navigation, and timing data; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

24.	EN 301 489-15 V2.2.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 15: Specific conditions for commercially available amateur radio equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
25.	EN 301 489-12 V3.1.1:2019	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 12: Specific conditions for Very Small Aperture Terminal, Satellite Interactive Earth Stations operated in the frequency ranges between 4 GHz and 30 GHz in the Fixed Satellite Service (FSS) Harmonised Standard for electromagnetic compatibility
26.	EN 301 489-9 V2.1.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 9: Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
27.	EN 301 489-6 V2.2.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 6: Specific conditions for Digital Enhanced Cordless Telecommunications (DECT) equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
28.	EN 301 489-5 V2.2.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 5: Specific conditions for Private land Mobile Radio (PMR) and ancillary equipment (speech and non-speech) and Terrestrial Trunked Radio (TETRA); Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
29.	EN 301 489-4 V3.2.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 4: Specific conditions for fixed radio links and ancillary equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
30.	EN 301 489-3 V2.1.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
31.	EN 301 489-2 V2.1.1:2019	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 2: Specific conditions for radio paging equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU
32.	EN 300 674-2-2 V2.2.1:2019	Transport and Traffic Telematics (TTT); Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5 795 MHz to 5 815 MHz frequency band; Part 2: Harmonised Standard for access to radio spectrum; Sub-part 2: On-Board Units (OBU)
33.	EN 300 132-2 V2.6.1:2019	Environmental Engineering (EE); Power supply interface at the input of Information and Communication Technology (ICT) equipment; Part 2: -48 V Direct Current (DC)
34.	EN 300 132-1 V2.1.1:2019	Environmental Engineering (EE); Power supply interface at the input to Information and Communication Technology (ICT) equipment; Part 1: Alternating Current (AC)

35.	TS 137 145-2 V14.7.0:2019	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 14.7.0 Release 14)
36.	TS 137 145-2 V13.9.0:2019	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 13.9.0 Release 13)
37.	TS 137 141 V13.11.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 13.11.0 Release 13)
38.	TS 136 521-3 V15.3.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 15.3.0 Release 15)
39.	TS 136 521-1 V15.3.1:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Conformance testing (3GPP TS 36.521-1 version 15.3.1 Release 15)
40.	TS 136 423 V14.7.0:2019	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 version 14.7.0 Release 14)
41.	TS 136 413 V14.8.0:2019	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP) (3GPP TS 36.413 version 14.8.0 Release 14)
42.	TS 136 307 V14.8.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 14.8.0 Release 14)
43.	TS 136 307 V13.11.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 13.11.0 Release 13)
44.	TS 136 213 V12.13.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (3GPP TS 36.213 version 12.13.0 Release 12)
45.	TS 136 133 V15.4.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 15.4.0 Release 15)
46.	TS 136 101 V15.4.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.4.0 Release 15)
47.	TS 136 101 V11.25.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 11.25.0 Release 11)
48.	TS 136 101 V10.28.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 10.28.0 Release 10)

49.	TS 134 123-3 V14.5.0:2019	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) conformance specification; Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 14.5.0 Release 14)
50.	TS 133 108 V14.6.0:2019	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 14.6.0 Release 14)
51.	TS 133 107 V14.7.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Digital cellular telecommunications system (Phase 2+) (GSM); 3G security; Lawful interception architecture and functions (3GPP TS 33.107 version 14.7.0 Release 14)
52.	TS 129 336 V14.7.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Home Subscriber Server (HSS) diameter interfaces for interworking with packet data networks and applications (3GPP TS 29.336 version 14.7.0 Release 14)
53.	TS 129 251 V14.3.0:2019	LTE; Gw and Gwn reference point for sponsored data connectivity (3GPP TS 29.251 version 14.3.0 Release 14)
54.	TS 129 235 V14.1.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 14.1.0 Release 14)
55.	TS 129 235 V13.2.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 13.2.0 Release 13)
56.	TS 129 235 V12.2.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 12.2.0 Release 12)
57.	TS 129 235 V11.4.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 11.4.0 Release 11)
58.	TS 129 235 V10.4.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 10.4.0 Release 10)
59.	TS 129 235 V9.11.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 9.11.0 Release 9)
60.	TS 129 235 V8.9.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 8.9.0 Release 8)
61.	TS 129 215 V10.10.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC) over S9 reference point; Stage 3 (3GPP TS 29.215 version 10.10.0 Release 10)

62.	TS 129 215 V9.14.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC) over S9 reference point; Stage 3 (3GPP TS 29.215 version 9.14.0 Release 9)
63.	TS 129 215 V8.16.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC) over S9 reference point; Stage 3 (3GPP TS 29.215 version 8.16.0 Release 8)
64.	TS 129 214 V10.15.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control over Rx reference point (3GPP TS 29.214 version 10.15.0 Release 10)
65.	TS 129 214 V9.17.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control over Rx reference point (3GPP TS 29.214 version 9.17.0 Release 9)
66.	TS 129 214 V8.19.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control over Rx reference point (3GPP TS 29.214 version 8.19.0 Release 8)
67.	TS 129 213 V14.7.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 14.7.0 Release 14)
68.	TS 129 213 V13.10.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 13.10.0 Release 13)
69.	TS 129 213 V12.14.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 12.14.0 Release 12)
70.	TS 129 213 V11.16.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 11.16.0 Release 11)
71.	TS 129 213 V10.15.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 10.15.0 Release 10)
72.	TS 129 213 V9.16.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 9.16.0 Release 9)
73.	TS 129 213 V8.19.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control signalling flows and Quality of Service

		(QoS) parameter mapping (3GPP TS 29.213 version 8.19.0 Release 8)
74.	TS 129 163 V13.12.0:2019	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 13.12.0 Release 13)
75.	TS 129 163 V12.15.0:2019	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 12.15.0 Release 12)
76.	TS 129 163 V11.19.0:2019	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 11.19.0 Release 11)
77.	TS 129 163 V10.22.0:2019	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 10.22.0 Release 10)
78.	TS 129 163 V9.26.0:2019	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 9.26.0 Release 9)
79.	TS 129 163 V8.32.0:2019	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 8.32.0 Release 8)
80.	TS 129 007 V14.1.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (3GPP TS 29.007 version 14.1.0 Release 14)
81.	TS 129 007 V13.1.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (3GPP TS 29.007 version 13.1.0 Release 13)
82.	TS 129 007 V12.1.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (3GPP TS 29.007 version 12.1.0 Release 12)

83.	TS 129 007 V11.1.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (3GPP TS 29.007 version 11.1.0 Release 11)
84.	TS 129 007 V10.1.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (3GPP TS 29.007 version 10.1.0 Release 10)
85.	TS 129 007 V9.2.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (3GPP TS 29.007 version 9.2.0 Release 9)
86.	TS 129 007 V8.2.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (3GPP TS 29.007 version 8.2.0 Release 8)
87.	TS 127 007 V14.10.0:2019	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 14.10.0 Release 14)
88.	TS 126 444 V14.3.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Test sequences (3GPP TS 26.444 version 14.3.0 Release 14)
89.	TS 126 444 V13.6.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Test sequences (3GPP TS 26.444 version 13.6.0 Release 13)
90.	TS 126 444 V12.11.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Test sequences (3GPP TS 26.444 version 12.11.0 Release 12)
91.	TS 126 443 V14.3.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point) (3GPP TS 26.443 version 14.3.0 Release 14)
92.	TS 126 443 V13.7.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point) (3GPP TS 26.443 version 13.7.0 Release 13)
93.	TS 126 443 V12.11.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point) (3GPP TS 26.443 version 12.11.0 Release 12)
94.	TS 126 442 V14.3.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point) (3GPP TS 26.442 version 14.3.0 Release 14)

95.	TS 126 442 V13.7.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point) (3GPP TS 26.442 version 13.7.0 Release 13)
96.	TS 126 442 V12.12.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point) (3GPP TS 26.442 version 12.12.0 Release 12)
97.	TS 126 346 V14.8.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs (3GPP TS 26.346 version 14.8.0 Release 14)
98.	TS 124 611 V14.1.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.611 version 14.1.0 Release 14)
99.	TS 124 484 V13.9.0:2019	LTE; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 13.9.0 Release 13)
100.	TS 124 386 V15.2.0:2019	LTE; User Equipment (UE) to V2X control function; protocol aspects; Stage 3 (3GPP TS 24.386 version 15.2.0 Release 15)
101.	TS 124 386 V14.4.0:2019	LTE; User Equipment (UE) to V2X control function; protocol aspects; Stage 3 (3GPP TS 24.386 version 14.4.0 Release 14)
102.	TS 124 380 V14.8.0:2019	LTE; Mission Critical Push To Talk (MCPTT) media plane control; Protocol specification (3GPP TS 24.380 version 14.8.0 Release 14)
103.	TS 124 380 V13.10.0:2019	LTE; Mission Critical Push To Talk (MCPTT) media plane control; Protocol specification (3GPP TS 24.380 version 13.10.0 Release 13)
104.	TS 124 341 V15.4.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Support of SMS over IP networks; Stage 3 (3GPP TS 24.341 version 15.4.0 Release 15)
105.	TS 124 302 V14.9.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3 (3GPP TS 24.302 version 14.9.0 Release 14)
106.	TS 124 302 V13.10.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3 (3GPP TS 24.302 version 13.10.0 Release 13)
107.	TS 124 302 V12.12.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3 (3GPP TS 24.302 version 12.12.0 Release 12)
108.	TS 124 302 V11.8.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3 (3GPP TS 24.302 version 11.8.0 Release 11)
109.	TS 124 301 V14.10.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3 (3GPP TS 24.301 version 14.10.0 Release 14)

110.	TS 124 282 V14.6.0:2019	LTE; Mission Critical Data (MCData) signalling control; Protocol specification (3GPP TS 24.282 version 14.6.0 Release 14)
111.	TS 124 250 V15.1.0:2019	LTE; Protocol for Reliable Data Service between UE and SCEF; Stage 3 (3GPP TS 24.250 version 15.1.0 Release 15)
112.	TS 124 250 V14.2.0:2019	LTE; Protocol for Reliable Data Service between UE and SCEF; Stage 3 (3GPP TS 24.250 version 14.2.0 Release 14)
113.	TS 124 229 V10.29.0:2019	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 10.29.0 Release 10)
114.	TS 124 229 V9.31.0:2019	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 9.31.0 Release 9)
115.	TS 124 229 V8.37.0:2019	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 8.37.0 Release 8)
116.	TS 124 173 V15.3.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; 5G; IMS Multimedia telephony communication service and supplementary services; Stage 3 (3GPP TS 24.173 version 15.3.0 Release 15)
117.	TS 124 173 V14.3.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; 5G; IMS Multimedia telephony communication service and supplementary services; Stage 3 (3GPP TS 24.173 version 14.3.0 Release 14)
118.	TS 124 167 V15.4.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP IMS Management Object (MO); Stage 3 (3GPP TS 24.167 version 15.4.0 Release 15)
119.	TS 124 008 V14.8.0:2019	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 14.8.0 Release 14)
120.	TS 124 007 V15.3.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface signalling layer 3; General Aspects (3GPP TS 24.007 version 15.3.0 Release 15)
121.	TS 123 380 V15.1.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IMS Restoration Procedures (3GPP TS 23.380 version 15.1.0 Release 15)
122.	TS 123 281 V14.7.0:2019	LTE; Functional architecture and information flows to support Mission Critical Video (MCVideo); Stage 2 (3GPP TS 23.281 version 14.7.0 Release 14)
123.	TS 123 222 V15.4.0:2019	LTE; 5G; Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 15.4.0 Release 15)

124.	TS 123 221 V15.1.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Architectural requirements (3GPP TS 23.221 version 15.1.0 Release 15)
125.	TS 123 214 V15.5.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements for control and user plane separation of EPC nodes (3GPP TS 23.214 version 15.5.0 Release 15)
126.	TS 123 167 V15.4.0:2019	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 15.4.0 Release 15)
127.	TS 123 060 V15.5.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); Service description; Stage 2 (3GPP TS 23.060 version 15.5.0 Release 15)
128.	TS 123 015 V15.1.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Technical realization of Operator Determined Barring (ODB) (3GPP TS 23.015 version 15.1.0 Release 15)
129.	TS 123 008 V15.6.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Organization of subscriber data (3GPP TS 23.008 version 15.6.0 Release 15)
130.	TS 123 003 V15.6.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Numbering, addressing and identification (3GPP TS 23.003 version 15.6.0 Release 15)
131.	TS 122 261 V15.7.0:2019	5G; Service requirements for next generation new services and markets (3GPP TS 22.261 version 15.7.0 Release 15)
132.	TS 119 534-2 V1.1.1:2019	Electronic Signatures and Infrastructures (ESI); Testing Conformance and Interoperability of Registered Electronic Mail Services; Part 2: Test suites for interoperability testing of providers using same format and transport protocols
133.	TS 119 534-1 V1.1.1:2019	Electronic Signatures and Infrastructures (ESI); Testing Conformance and Interoperability of Registered Electronic Mail Services; Part 1: Testing conformance
134.	TS 119 524-2 V1.1.1:2019	Electronic Signatures and Infrastructures (ESI); Testing Conformance and Interoperability of Electronic Registered Delivery Services; Part 2: Test suites for interoperability testing of Electronic Registered Delivery Service Providers
135.	TS 119 524-1 V1.1.1:2019	Electronic Signatures and Infrastructures (ESI); Testing Conformance and Interoperability of Electronic Registered Delivery Services; Part 1: Testing conformance
136.	TS 119 442 V1.1.1:2019	Electronic Signatures and Infrastructures (ESI); Protocol profiles for trust service providers providing AdES digital signature validation services
137.	TS 119 432 V1.1.1:2019	Electronic Signatures and Infrastructures (ESI); Protocols for remote digital signature creation
138.	TS 119 403-3 V1.1.1:2019	Electronic Signatures and Infrastructures (ESI); Trust Service Provider Conformity Assessment; Part 3: Additional requirements for conformity assessment bodies assessing EU qualified trust

		service providers
139.	TS 119 312 V1.3.1:2019	Electronic Signatures and Infrastructures (ESI); Cryptographic Suites
140.	TS 119 102-2 V1.2.1:2019	Electronic Signatures and Infrastructures (ESI); Procedures for Creation and Validation of AdES Digital Signatures; Part 2: Signature Validation Report
141.	TS 104 001 V2.2.1:2019	Open Smart Grid Protocol (OSGP); Smart Metering/Smart Grid Communication Protocol
142.	TS 103 655-1 V1.1.1:2019	Reconfigurable Radio Systems (RRS); Radio Interface Engine (RIE); Part 1: Technical requirements
143.	TS 103 652-1 V1.1.1:2019	Reconfigurable Radio Systems (RRS); evolved Licensed Shared Access (eLSA); Part 1: System requirements
144.	TS 103 645 V1.1.1:2019	CYBER; Cyber Security for Consumer Internet of Things
145.	TS 103 641 V1.1.1:2019	Reconfigurable Radio Systems (RRS); Radio Equipment (RE) reconfiguration requirements
146.	TS 103 564 V1.2.1:2019	Plugtests™ scenarios for Mission Critical Services
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148.	TS 103 525-2 V1.1.1:2019	Intelligent Transport Systems (ITS); Testing; Conformance test specifications for ITS PKI management; Part 2: Test Suite Structure and Test Purposes (TSS & TP)
149.	TS 103 525-1 V1.1.1:2019	Intelligent Transport Systems (ITS); Testing; Conformance test specifications for ITS PKI management; Part 1: Protocol Implementation Conformance Statement (PICS)
150.	TS 103 523-3 V1.2.1:2019	CYBER; Middlebox Security Protocol; Part 3: Enterprise Transport Security
151.	TS 103 481 V11.1.0:2019	Smart Cards; Test specification for the Remote APDU structure for UICC based applications; UICC features (Release 11)
152.	TS 103 397 V1.1.1:2019	Core Network and Interoperability Testing (INT); VoLTE and ViLTE interconnect, interworking and roaming test specification with QoS/QoE (3GPPTM Release 12)
153.	TS 103 222-1 V1.3.1:2019	Speech and multimedia Transmission Quality (STQ); Reference benchmarking, background traffic profiles and KPIs; Part 1: Reference benchmarking, background traffic profiles and KPIs for VoIP and FoIP in fixed networks
154.	TS 103 221-2 V1.1.1:2019	Lawful Interception (LI); Part 2: Internal Network Interface X2/X3 for Lawful Interception
155.	TS 102 980 V2.1.2:2019	Digital Audio Broadcasting (DAB); Dynamic Label Plus (DL Plus); Application specification
156.	TS 102 941 V1.3.1:2019	Intelligent Transport Systems (ITS); Security; Trust and Privacy Management

157.	TS 102 939-2 V1.3.1:2019	Digital Enhanced Cordless Telecommunications (DECT); Ultra Low Energy (ULE); Machine to Machine Communications; Part 2: Home Automation Network (phase 2)
158.	TS 102 900 V1.3.1:2019	Emergency Communications (EMTEL); European Public Warning System (EU-ALERT) using the Cell Broadcast Service
159.	TS 102 658 V2.6.1:2019	Digital Private Mobile Radio (dPMR) using FDMA with a channel spacing of 6,25 kHz
160.	TS 102 636-7-2 V1.1.1:2019	Intelligent Transport Systems (ITS); Vehicular Communications; GeoNetworking; Part 7: Amendments for LTE-V2X; Sub-part 2: Amendments to ETSI EN 302 636-5-1 (Basic Transport Protocol)
161.	TS 102 636-7-1 V1.1.1:2019	Intelligent Transport Systems (ITS); Vehicular Communications; GeoNetworking; Part 7: Amendments for LTE-V2X; Sub-part 1: Amendments to ETSI EN 302 636-4-1 (Media-Independent Functionality)
162.	TS 102 622 V14.0.0:2019	Smart Cards; UICC - Contactless Front-end (CLF) Interface; Host Controller Interface (HCI) (Release 14)
163.	TS 102 622 V13.1.0:2019	Smart Cards; UICC - Contactless Front-end (CLF) Interface; Host Controller Interface (HCI) (Release 13)
164.	TS 102 588 V15.0.0:2019	Smart Cards; Application invocation Application Programming Interface (API) by a UICC webserver for Java Card™ platform (Release 15)
165.	TS 102 588 V11.0.0:2019	Smart Cards; Application invocation Application Programming Interface (API) by a UICC webserver for Java Card™ platform (Release 11)
166.	TS 102 588 V9.2.0:2019	Smart Cards; Application invocation Application Programming Interface (API) by a UICC webserver for Java Card™ platform (Release 9)
167.	TS 102 588 V8.3.0:2019	Smart Cards; Application invocation Application Programming Interface (API) by a UICC webserver for Java Card™ platform (Release 8)
168.	TS 102 588 V7.5.0:2019	Smart Cards; Application invocation Application Programming Interface (API) by a UICC webserver for Java Card™ platform (Release 7)
169.	TS 102 483 V12.0.0:2019	Smart cards; UICC-Terminal interface; Internet Protocol connectivity between UICC and terminal (Release 12)
170.	TS 102 483 V11.0.0:2019	Smart cards; UICC-Terminal interface; Internet Protocol connectivity between UICC and terminal (Release 11)
171.	TS 102 483 V10.0.0:2019	Smart cards; UICC-Terminal interface; Internet Protocol connectivity between UICC and terminal (Release 10)
172.	TS 102 483 V9.0.0:2019	Smart cards; UICC-Terminal interface; Internet Protocol connectivity between UICC and terminal (Release 9)
173.	TS 102 281 V3.1.1:2019	Rail Telecommunications (RT); Global System for Mobile communications (GSM); Detailed requirements for GSM operation on Railways
174.	TS 102 267 V15.0.0:2019	Smart Cards; Connection Oriented Service API for the Java Card(TM) platform (Release 15)

175.	TS 102 267 V14.0.0:2019	Smart Cards; Connection Oriented Service API for the Java Card(TM) platform (Release 14)
176.	TS 102 267 V13.0.0:2019	Smart Cards; Connection Oriented Service API for the Java Card(TM) platform (Release 13)
177.	TS 102 267 V12.0.0:2019	Smart Cards; Connection Oriented Service API for the Java Card(TM) platform (Release 12)
178.	TS 102 267 V11.1.0:2019	Smart Cards; Connection Oriented Service API for the Java Card(TM) platform (Release 11)
179.	TS 102 241 V14.1.0:2019	Smart Cards; UICC Application Programming Interface (UICC API) for Java Card (TM) (Release 14)
180.	TS 102 241 V13.2.0:2019	Smart Cards; UICC Application Programming Interface (UICC API) for Java Card™ (Release 13)
181.	TS 102 241 V12.1.0:2019	Smart Cards; UICC Application Programming Interface (UICC API) for Java Card (TM) (Release 12)
182.	TS 101 597-2 V2.1.1:2019	Core Network and Interoperability Testing (INT); Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification (3GPP™ Release 12); Part 2: Test Suite Structure and Test Purposes (TSS&TP)
183.	TS 101 595-2 V6.1.1:2019	Core Network and Interoperability Testing (INT); Malicious Communication Identification (MCID) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification (3GPP™ Release 12); Part 2: Test Suite Structure and Test Purposes (TSS&TP)
184.	TS 101 154 V2.5.1:2019	Digital Video Broadcasting (DVB); Specification for the use of Video and Audio Coding in Broadcast and Broadband Applications
185.	TS 100 392-19-2 V1.1.1:2019	Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 19: Interworking between TETRA and Broadband systems; Sub-part 2: Format for the transport of TETRA speech over mission critical broadband systems
186.	TS 100 392-2 V3.9.1:2019	Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 2: Air Interface (AI)
187.	EG 203 367 V1.1.1:2016	Guide to the application of harmonised standards covering articles 3.1b and 3.2 of the Directive 2014/53/EU (RED) to multi-radio and combined radio and non-radio equipment
188.	EG 203 350 V1.1.1:2016	Human Factors (HF); Guidelines for the design of mobile ICT devices and their related applications for people with cognitive disabilities
189.	EG 203 341 V1.1.1:2016	Core Network and Interoperability Testing (INT); Approaches for Testing Adaptive Networks
190.	EG 203 336 V1.1.1:2015	Electromagnetic compatibility and Radio spectrum Matters (ERM); Guide for the selection of technical parameters for the production of Harmonised Standards covering article 3.1(b) and article 3.2 of Directive 2014/53/EU
191.	EG 203 310 V1.1.1:2016	CYBER; Quantum Computing Impact on security of ICT Systems; Recommendations on Business Continuity and Algorithm Selection
192.	EG 203 251 V1.1.1:2016	Methods for Testing & Specification; Risk-based Security Assessment and Testing Methodologies

193.	EG 203 165 V1.1.1:2012	Speech and multimedia Transmission Quality (STQ); Throughput Measurement Guidelines
194.	EG 203 130 V1.1.1:2013	Methods for Testing and Specification (MTS); Model-Based Testing (MBT); Methodology for standardized test specification development
195.	EG 202 952 V1.1.1:2014	Human Factors (HF); Guidelines to identify "Design for All" aspects in ETSI deliverables
196.	EG 202 934 V1.1.2:2012	User Group; The assessment of the overall Quality of Services (QoS) as perceived by the users; Definition of QoS indexes for all the customer relationship stages
197.	EG 202 848 V1.1.1:2011	Human Factors (HF); Inclusive eServices for all: Optimizing the accessibility and the use of upcoming user-interaction technologies
198.	EG 202 843 V1.2.1:2013	User Group; Quality of ICT services; Definitions and methods for assessing the QoS parameters of the customer relationship stages other than utilization
199.	EG 202 810 V1.1.1:2010	Methods for Testing and Specification (MTS); Automated Interoperability Testing; Methodology and Framework
200.	EG 202 798 V1.1.1:2011	Intelligent Transport Systems (ITS); Testing; Framework for conformance and interoperability testing
201.	EG 202 765-3 V1.1.2:2010	Speech and multimedia Transmission Quality (STQ); QoS and network performance metrics and measurement methods; Part 3: Network performance metrics and measurement methods in IP networks
202.	EG 202 765-1 V1.1.2:2010	Speech and multimedia Transmission Quality (STQ); QoS and network performance metrics and measurement methods; Part 1: General considerations
203.	EG 202 670 V1.1.2:2010	Human Factors (HF); User Experience Guidelines for real-time communication services expressed in Quality of Service terms
204.	EG 202 518 V1.4.1:2014	Speech and multimedia Transmission Quality (STQ); Acoustic Output of Terminal Equipment; Maximum Levels and Test Methodology for Various Applications
205.	EG 202 396-1 V1.2.4:2011	Speech and multimedia Transmission Quality (STQ); Speech quality performance in the presence of background noise; Part 1: Background noise simulation technique and background noise database
206.	EG 202 237 V1.2.1:2010	Methods for Testing and Specification (MTS); Internet Protocol Testing (IPT); Generic approach to interoperability testing
207.	EG 202 057-2 V1.3.2:2011	Speech and multimedia Transmission Quality (STQ); User related QoS parameter definitions and measurements; Part 2: Voice telephony, Group 3 fax, modem data services and SMS
208.	EG 202 009-3 V1.3.1:2015	User Group; Quality of ICT services; Part 3: Template for Service Level Agreements (SLA)
209.	EG 202 009-2 V1.3.1:2014	User Group; Quality of telecom services; Part 2: User related indicators on a service specific basis
210.	EG 202 009-1 V1.3.1:2014	User Group; Quality of telecom services; Part 1: Methodology for identification of indicators relevant to the Users

211.	EG 201 399 V3.1.1:2015	Electromagnetic compatibility and Radio spectrum Matters (ERM); A guide to the production of Harmonized Standards for application under the Radio & Telecommunication Terminal Equipment Directive 1999/5/EC (R&TTE) and a first guide on the impact of the Radio Equipment Directive 2014/53/EU (RED) on Harmonized Standards
212.	EG 201 399 V2.2.1:2010	Electromagnetic compatibility and Radio spectrum Matters (ERM); A guide to the production of Harmonized Standards for application under the R&TTE Directive
213.	EG 201 015 V2.1.1:2012	Methods for Testing and Specification (MTS); Standards engineering process; A Handbook of validation methods
214.	TR 138 905 V15.2.0:2019	5G; NR; Derivation of test points for radio transmission and reception User Equipment (UE) conformance test cases (3GPP TR 38.905 version 15.2.0 Release 15)
215.	TR 138 903 V15.2.0:2019	5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 15.2.0 Release 15)
216.	TR 136 905 V15.4.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test points for radio transmission and reception conformance test cases (3GPP TR 36.905 version 15.4.0 Release 15)
217.	TR 136 904 V13.4.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for User Equipment (UE) radio reception conformance tests (3GPP TR 36.904 version 13.4.0 Release 13)
218.	TR 136 903 V15.0.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 15.0.0 Release 15)
219.	TR 136 903 V14.3.0:2019	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 14.3.0 Release 14)
220.	TR 126 973 V15.2.0:2019	5G; Update to fixed-point basic operators (3GPP TR 26.973 version 15.2.0 Release 15)
221.	TR 125 931 V15.0.1:2019	Universal Mobile Telecommunications System (UMTS); UTRAN functions, examples on signalling procedures (3GPP TR 25.931 version 15.0.1 Release 15)
222.	TR 121 905 V15.1.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Vocabulary for 3GPP Specifications (3GPP TR 21.905 version 15.1.0 Release 15)
223.	TR 121 900 V15.2.0:2019	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Technical Specification Group working methods (3GPP TR 21.900 version 15.2.0 Release 15)

224.	TR 119 530 V1.1.1:2019	Electronic Signatures and Infrastructures (ESI); Registered Electronic Mail (REM); Feasibility study: Interoperability profile between ETSI EN 319 532-based REM systems and PReM-based systems
225.	TR 119 500 V1.1.1:2019	Business Driven Guidance for Trust Application Service Providers
226.	TR 119 112 V1.1.1:2019	Electronic Signatures and Infrastructures (ESI); Most significant differences between AdES/ASiC ENs and previous TSs
227.	TR 103 679 V1.1.1:2019	Environmental Engineering (EE); Explore the challenges of developing product group-specific Product Environmental Footprint Category Rules (PEFCRs) for smartphones
228.	TR 103 631 V1.1.1:2019	Wireless Access Systems including Radio Local Area Networks (WAS/RLANs) in the band 6 725 MHz to 7 125 MHz
229.	TR 103 604 V1.1.1:2019	User Group; User centric approach; Qualification of the interaction with the digital ecosystem
230.	TR 103 603 V1.1.1:2019	User Group; User Centric Approach; Guidance for providers and standardization makers
231.	TR 103 595 V1.1.1:2019	System Reference document (SRdoc); Transmission characteristics; Technical characteristics for level probing radar within the frequency range 75 GHz to 85 GHz
232.	TR 103 554-1 V1.2.1:2019	Rail Telecommunications (RT); Next Generation Communication System; Radio performance simulations and evaluations in rail environment; Part 1: Long Term Evolution (LTE)
233.	TR 103 552 V1.2.1:2019	Study item on VHF Data Link Mode 2 ground-based equipment standardization optimization; Evolution of Data Link European Norms
234.	TR 103 538 V1.1.1:2019	Environmental Engineering (EE); Analysis of test method and test severity for mechanical test of equipment installed on poles/towers
235.	TR 103 498 V1.1.1:2019	System Reference document (SRdoc); Short Range Devices (SRD) using Ultra Wide Band (UWB); Transmission characteristics; Technical characteristics for SRD equipment using Ultra Wide Band technology (UWB); Radiodetermination application within the frequency range 120 GHz to 260 GHz
236.	TR 103 493 V1.1.1:2019	System Reference document (SRdoc); Wireless Power Transmission (WPT) systems operating below 30 MHz
237.	TR 103 492 V1.1.1:2019	System Reference document (SRdoc); Critical Infrastructure Utility Operations requirements for Smart Grid systems, other radio systems, and future radio spectrum access arrangements below 1,5 GHz
238.	TR 103 488 V1.1.1:2019	Speech and Multimedia Transmission Quality (STQ); Guidelines on OTT Video Streaming; Service Quality Evaluation Procedures
239.	TR 103 459 V1.1.1:2019	Rail Telecommunications (RT); Future Rail Mobile Communication System (FRMCS); Study on system architecture
240.	TR 103 438 V1.1.1:2019	User Group; User centric approach in Digital Ecosystem
241.	TR 103 399 V1.1.1:2019	System Reference document (SRdoc); Fixed and in-motion Earth stations communicating with satellites in non-geostationary orbits in

		the 11 GHz to 14 GHz frequency band
242.	TR 103 370 V1.1.1:2019	Practical introductory guide to Technical Standards for Privacy
243.	TR 103 299 V2.1.1:2019	Intelligent Transport System (ITS); Cooperative Adaptive Cruise Control (CACC); Pre-standardization study
244.	TR 103 282 V2.1.1:2019	Network Technologies (NTECH); Options for Number Portability and actual use cases
245.	TR 103 265 V1.3.1:2019	Electromagnetic compatibility and Radio spectrum Matters (ERM); Definition of radio parameters
246.	TR 103 257-1 V1.1.1:2019	Intelligent Transport Systems (ITS); Access Layer; Part 1: Channel Models for the 5,9 GHz frequency band
247.	TR 103 181-3 V2.1.1:2019	Short Range Devices (SRD) using Ultra Wide Band (UWB); Part 3: Worldwide UWB regulations between 3,1 and 10,6 GHz
248.	TR 103 100 V2.1.1:2019	Operation of RFID in the UHF Band; Proposed improvements to be incorporated into future versions of ETSI EN 302 208
249.	TR 102 216 V4.0.0:2019	Smart Cards; Vocabulary for Smart Card Platform specifications
250.	TR 101 854 V2.1.1:2019	Fixed Radio Systems; Point-to-point equipment; Derivation of receiver interference parameters useful for planning fixed service point-to-point systems operating different equipment classes and/or capacities
251.	ES 283 039-2 V3.1.1:2010	Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); NGN Congestion and Overload Control; Part 2: Core GOCAP and NOCA Entity Behaviours
252.	ES 283 035 V2.7.1:2014	Network Technologies (NTECH); Network Attachment; e2 interface based on the DIAMETER protocol
253.	ES 283 018 V2.7.2:2010	Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Resource and Admission Control: H.248 Profile for controlling Border Gateway Functions (BGF) in the Resource and Admission Control Subsystem (RACS); Protocol specification
254.	ES 283 012 V2.1.1:2010	Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Interworking; Trunking Gateway Control Procedures for interworking between NGN and external CS networks [Endorsement of 3GPP TS 29.412 (R8)]
255.	ES 283 012 V1.2.1:2010	Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Interworking; Trunking Gateway Control Procedures for interworking between NGN and external CS networks [Endorsement of 3GPP TS 29.412 (R7)]
256.	ES 282 004 V3.4.1:2010	Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); NGN Functional Architecture; Network Attachment Sub-System (NASS)
257.	ES 282 003 V3.5.1:2011	Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Resource and Admission Control Sub-System (RACS): Functional Architecture

258.	ES 205 200-2-4 V1.1.1:2015	Integrated broadband cable telecommunication networks (CABLE); Energy management; Global KPIs; Operational infrastructures; Part 2: Specific requirements; Sub-part 4: Cable Access Networks
259.	ES 205 200-2-1 V1.2.1:2014	Access, Terminals, Transmission and Multiplexing (ATTM); Energy management; Global KPIs; Operational infrastructures; Part 2: Specific requirements; Sub-part 1: Data centres
260.	ES 205 200-1 V1.2.1:2014	Access, Terminals, Transmission and Multiplexing (ATTM); Energy management; Global KPIs; Operational infrastructures; Part 1: General requirements
261.	ES 203 408 V1.1.1:2016	Environmental Engineering (EE); Colour and marking of DC cable and connecting devices
262.	ES 203 385 V1.1.1:2014	CABLE; DOCSIS® Layer 2 Virtual Private Networking
263.	ES 203 312 V1.1.1:2015	Integrated broadband cable telecommunication networks (CABLE); Cabinet DOCSIS (C-DOCSIS) System Specification
264.	ES 203 259 V1.1.1:2015	Integrated broadband cable telecommunication networks (CABLE); Converged Cable Access Platform; Operational Support System Interface
265.	ES 203 237 V1.1.1:2014	Environmental Engineering (EE); Green Abstraction Layer (GAL); Power management capabilities of the future energy telecommunication fixed network nodes
266.	ES 203 215 V1.2.1:2011	Environmental Engineering (EE); Measurement Methods and Limits for Power Consumption in Broadband Telecommunication Networks Equipment
267.	ES 203 199 V1.3.1:2015	Environmental Engineering (EE); Methodology for environmental Life Cycle Assessment (LCA) of Information and Communication Technology (ICT) goods, networks and services
268.	ES 203 184 V1.1.1:2013	Environmental Engineering (EE); Measurement Methods for Power Consumption in Transport Telecommunication Networks Equipment
269.	ES 203 178 V1.1.1:2015	Functional architecture to support European requirements on emergency caller location determination and transport

### Technical Committee No. 12

#### “Metrology and measurements”, 12 standards

No.	Standard Number	Standard Title
1.	EN ISO 14978:2018	Geometrical product specifications (GPS) - General concepts and requirements for GPS measuring equipment (ISO 14978:2018)
2.	EN ISO 20170:2019	Geometrical product specifications (GPS) - Decomposition of geometrical characteristics for manufacturing control (ISO 20170:2019)
3.	EN ISO 25178-600:2019	Geometrical product specifications (GPS) - Surface texture: Areal - Part 600: Metrological characteristics for areal-topography measuring methods (ISO 25178-600:2019)
4.	EN ISO 25178-607:2019	Geometrical product specifications (GPS) - Surface texture: Areal - Part 607: Nominal characteristics of non-contact (confocal microscopy) instruments (ISO 25178-607:2018)
5.	EN ISO 25178-73:2019	Geometrical product specifications (GPS) - Surface texture: Areal - Part 73: Terms and definitions for surface defects on material measures (ISO

		25178-3:2019)
6.	EN 13757-4:2019	Communication systems for meters - Part 4: Wireless M-Bus communication
7.	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
8.	ISO 14511:2019	Measurement of fluid flow in closed conduits - Thermal mass flowmeters
9.	ISO 10790:2015	Measurement of fluid flow in closed conduits - Guidance to the selection, installation and use of Coriolis flowmeters (mass flow, density and volume flow measurements)
10	ISO 22158:2011	Input/output protocols and electronic interfaces for water meters - Requirement
11	ISO 1438:2017	Hydrometry - Open channel flow measurement using thin-plate weirs
12	ISO 6420:2016	Hydrometry - Position fixing equipment for hydrometric boats

### Technical Committee No. 19

#### “Petroleum products, lubricants and related products”, 15 standards

No.	Standard Number	Standard Title
1.	EN ISO 10855-1:2018	Offshore containers and associated lifting sets - Part 1: Design, manufacture and marking of offshore containers (ISO 10855-1:2018)
2.	EN ISO 15138:2018	Petroleum and natural gas industries - Offshore production installations - Heating, ventilation and air-conditioning (ISO 15138:2018)
3.	EN ISO 16812:2019	Petroleum, petrochemical and natural gas industries - Shell-and-tube heat exchangers (ISO 16812:2019)
4.	EN ISO 20815:2018	Petroleum, petrochemical and natural gas industries - Production assurance and reliability management (ISO 20815:2018)
5.	EN 14214:2012+A2:2019	Liquid petroleum products - Fatty acid methyl esters (FAME) for use in diesel engines and heating applications - Requirements and test methods
6.	EN 15293:2018	Automotive fuels - Automotive ethanol (E85) fuel - Requirements and test methods
7.	EN ISO 22995:2019	Petroleum products - Determination of cloud point - Automated step-wise cooling method (ISO 22995:2019)
8.	EN ISO 3015:2019	Petroleum and related products from natural or synthetic sources - Determination of cloud point (ISO 3015:2019)
9.	EN ISO 3016:2019	Petroleum and related products from natural or synthetic sources - Determination of pour point (ISO 3016:2019)
10	EN ISO 3405:2019	Petroleum and related products from natural or synthetic sources - Determination of distillation characteristics at atmospheric pressure (ISO 3405:2019)
11	ISO 6246:2017	Petroleum products - Gum content of fuels - Jet evaporation method
12	ISO 6578:2017	Refrigerated hydrocarbon liquids - Static measurement - Calculation

		procedure
13	ISO 19970:2017	Refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels - Metering of gas as fuel on LNG carriers during cargo transfer operations
14	ISO 15029-2:2018	Petroleum and related products - Determination of spray ignition characteristics of fire-resistant fluids - Part 2: Spray test - Stabilised flame heat release method
15	ISO 5165:2017	Petroleum products - Determination of the ignition quality of diesel fuels - Cetane engine method

### Technical Committee No. 47

#### “Chemistry”, 18 standards

No.	Standard Number	Standard Title
1.	CEN/TR 17296:2018	Chemical disinfectants and antiseptics - Differentiation of active and non-active substances
2.	EN 1276:2019	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic and institutional areas - Test method and requirements (phase 2, step 1)
3.	EN 13704:2018	Chemical disinfectants - Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants used in food, industrial, domestic and institutional areas - Test method and requirements (phase 2, step 1)
4.	EN 16777:2018	Chemical disinfectants and antiseptics - Quantitative non-porous surface test without mechanical action for the evaluation of virucidal activity of chemical disinfectants used in the medical area - Test method and requirements (phase 2/step 2)
5.	EN 17111:2018	Chemical disinfectants and antiseptics - Quantitative carrier test for the evaluation of virucidal activity for instruments used in the medical area - Test method and requirements (phase 2, step 2)
6.	EN 17126:2018	Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants in the medical area - Test method and requirements (phase 2, step 1)
7.	CEN/TS 17338:2019	Liming materials - Determination of the lime requirement in soil - Ammonium acetate buffer method pH 5,5
8.	EN 12944-3:2019	Fertilizers and liming materials - Vocabulary - Part 3: Terms relating to liming materials
9.	EN 17090:2018	Fertilizers - Determination of nitrification inhibitor DMPSA in fertilizers - Method using high-performance liquid chromatography (HPLC)
10.	EN ISO 14820-1:2019	Fertilizers and liming materials - Sampling and sample preparation - Part 1: Sampling (ISO 14820-1:2016)
11.	EN ISO 14820-2:2019	Fertilizers and liming materials - Sampling and sample preparation - Part 2: Sample preparation (ISO 14820-2:2016)
12.	CEN ISO/TS 19590:2019	Nanotechnologies - Size distribution and concentration of inorganic nanoparticles in aqueous media via single particle inductively coupled plasma mass spectrometry (ISO/TS 19590:2017)
13.	CEN/TS	Nanotechnologies - Guidance on detection and identification of

	17273:2018	nano-objects in complex matrices
14.	CEN/TS 17274:2018	Nanotechnologies - Guidelines for determining protocols for the explosivity and flammability of powders containing nano-objects (for transport, handling and storage)
15.	CEN/TS 17275:2018	Nanotechnologies - Guidelines for the management and disposal of waste from the manufacturing and processing of manufactured nano-objects
16.	CEN/TS 17276:2018	Nanotechnologies - Guidelines for Life Cycle Assessment - Application of EN ISO 14044:2006 to Manufactured Nanomaterials
17.	EN 15426:2018	Candles - Specification for sooting behaviour
18.	EN 17120:2019	Photocatalysis - Water purification - Performance of photocatalytic materials by measurement of phenol degradation

**Technical Committee No. 50,  
“Lighting columns and other related devices”, 4 standards**

No.	Standard Number	Standard Title
1.	ISO/CIE 8995-3:2018	Lighting of work places - Part 3: Lighting requirements for safety and security of outdoor work places
2.	ISO 10916:2014	Calculation of the impact of daylight utilization on the net and final energy demand for lighting
3.	ISO/CIE 20086:2019	Light and lighting - Energy performance of lighting in buildings
4.	ISO/CIE TS 22012:2019	Light and lighting - Maintenance factor determination - Way of working

**Technical Committee No. 51  
“Cement and building limes. Gypsum and gypsum based”, 10 standards**

No.	Standard Number	Standard Title
1.	EN 13126-15:2019	Building hardware - Requirements and test methods for windows and doors height windows - Rollers for horizontal sliding and sliding folding windows and doors
2.	EN 13126-16:2019	Building hardware - Requirements and test methods for windows and doors height windows - Part 16: Hardware for Lift&Slide windows and doors
3.	EN 13126-17:2019	Building hardware - Requirements and test methods for windows and doors height windows - Part 17: Hardware for Tilt&Slide windows and doors
4.	EN 14351-2:2018	Windows and doors - Product standard, performance characteristics - Internal pedestrian doorsets
5.	EN 17146:2018	Determination of the strength of infill supports - Test method and requirements
6.	EN 14351-2:2018	Windows and doors - Product standard, performance characteristics - Internal pedestrian doorsets
7.	EN 13126-6:2018	Building hardware - Hardware for windows and door height

		windows - Requirements and test methods - Variable geometry stay hinges (with or without a friction stay)
8.	EN 12519:2018	Windows and pedestrian doors - Terminology
9.	EN 196-6:2018	Methods of testing cement - Determination of fineness
10.	EN 13454-2:2019	Binders for floor screeds based on calcium sulphate - Test methods

### Technical Committee No. 52

#### “Safety of toys”, 12 standards

No.	Standard Number	Standard Title
1.	CEN/TR 13387-3:2018	Child care articles - General safety guidelines - Part 3: Mechanical hazards
2.	EN 13814-1:2019	Safety of amusement rides and amusement devices - Part 1: Design and manufacture
3.	EN 13814-2:2019	Safety of amusement rides and amusement devices - Part 2: Operation, maintenance and use
4.	EN 71-3:2019	Safety of toys - Part 3: Migration of certain elements
5.	EN 13814-3:2019	Safety of amusement rides and amusement devices - Part 3: Requirements for inspection during design, manufacture, operation and use
6.	CEN/TR 13387-2:2018	Child care articles - General safety guidelines - Part 2: Chemical hazards
7.	CEN/TR 16411:2019	Child care articles - Compiled interpretations of CEN/TC 252 standards
8.	EN 16232:2013+A1:2018	Child use and care articles - Infant swings
9.	EN 17022:2018	Child care articles - Bathing aids - Safety requirements and test methods
10.	EN 17072:2018	Child care articles - Bath tubs, stands and non-standalone bathing aids - Safety requirements and test methods
11.	EN 1888-1:2018	Child care articles - Wheeled child conveyances - Part 1: Pushchairs and prams
12.	EN 1888-2:2018	Child care articles - Wheeled child conveyances - Part 2: Pushchairs for children above 15 kg up to 22 kg

### Technical Committee No. 55

#### “Dentistry”, 9 standards

No.	Standard Number	Standard Title
1.	EN ISO 10477:2018	Dentistry - Polymer-based crown and veneering materials (ISO 10477:2018)
2.	EN ISO 10650:2018	Dentistry - Powered polymerization activators (ISO 10650:2018)
3.	EN ISO 20569:2018	Dentistry - Trephine burs (ISO 20569:2018)

4.	EN ISO 20570:2018	Dentistry - Oral surgical scalpel handle (ISO 20570:2018)
5.	EN ISO 20749:2018	Dentistry - Pre-capsulated dental amalgam (ISO 20749:2017)
6.	EN ISO 7405:2018	Dentistry - Evaluation of biocompatibility of medical devices used in dentistry (ISO 7405:2018, Corrected version 2018-12)
7.	EN ISO 7492:2019	Dentistry - Dental explorer (ISO 7492:2019)
8.	EN ISO 7494-1:2018	Dentistry - Stationary dental units and dental patient chairs - Part 1: General requirements (ISO 7494-1:2018)
9.	EN ISO 9873:2019	Dentistry - Intra-oral mirrors (ISO 9873:2019)

**Technical Committee No. 67**

**“Ceramic in building. Thermal insulating materials and products. Refractory products and materials”, 15 standards**

No.	Standard Number	Standard Title
1.	EN 17160:2019	Product category rules for ceramic tiles
2.	EN ISO 10545-4:2019	Ceramic tiles - Part 4: Determination of modulus of rupture and breaking strength
3.	EN 15101-1:2013+A1:2019	Thermal insulation products for buildings - In-situ formed loose fill cellulose (LFCI) products - Part 1: Specification for the products before installation
4.	CEN/TR 16999:2019	Solar energy systems for roofs - Requirements for structural connections to solar panels
5.	ISO 13006:2018	Ceramic tiles - Definitions, classification, characteristics and marking
6.	ISO 17167:2018	Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of monolithic ceramics at room temperature - Determination of flexural strength by the ring-on-ring test
7.	ISO 17168-1:2018	Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for air-purification performance of semiconducting photocatalytic materials under indoor lighting environment - Part 1: Removal of nitric oxide
8.	ISO 17168-2:2018	Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for air-purification performance of semiconducting photocatalytic materials under indoor lighting environment - Part 2: Removal of acetaldehyde
9.	ISO 17168-3:2018	Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for air-purification performance of semiconducting photocatalytic materials under indoor lighting environment - Part 3: Removal of toluene
10.	ISO 17168-4:2018	Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for air-purification performance of semiconducting photocatalytic materials under indoor lighting environment - Part 4: Removal of formaldehyde
11.	ISO 17168-5:2018	Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for air-purification performance of semiconducting photocatalytic materials under indoor lighting environment - Part 5: Removal of methyl mercaptan

12.	ISO 20501:2019	Fine ceramics (advanced ceramics, advanced technical ceramics) - Weibull statistics for strength data
13.	ISO 21618:2019	Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for fracture resistance of monolithic ceramics at room temperature by indentation fracture (IF) method
14.	ISO 21813:2019	Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods for chemical analysis of high purity barium titanate powders
15.	ISO 21814:2019	Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods for chemical analysis of aluminium nitride powders

#### Technical Committee No. 104

#### “Concrete and related products. Automation and management in construction”, 11 standards

No.	Standard Number	Standard Title
1.	CEN/TR 15868:2018	Survey on provisions valid in the place of use used in conjunction with the European concrete standard and developing practice
2.	CEN/TR 17172:2018	Validation testing program on chloride penetration and carbonation standardized test methods
3.	CEN/TR 17310:2019	Carbonation and CO <sub>2</sub> uptake in concrete
4.	EN 12350-3:2019	Testing fresh concrete - Part 3: Vebe test
5.	EN 12350-4:2019	Testing fresh concrete - Part 4: Degree of compactability
6.	EN 12350-5:2019	Testing fresh concrete - Part 5: Flow table test
7.	EN 12350-7:2019	Testing fresh concrete - Part 7: Air content - Pressure methods
8.	EN 12350-8:2019	Testing fresh concrete - Part 8: Self-compacting concrete - Slump-flow test
9.	EN 12390-10:2018	Testing hardened concrete - Part 10: Determination of the carbonation resistance of concrete at atmospheric levels of carbon dioxide
10.	CEN/TS 17195:2018	Construction products: Assessment of release of dangerous substances - Analysis of inorganic substances in eluates
11.	CEN/TS 17197:2018+AC:2018	Construction products: Assessment of release of dangerous substances - Analysis of inorganic substances in digests and eluates - Analysis by Inductively Coupled Plasma - Optical Emission Spectrometry (ICP-OES)

#### Technical Committee No. 114

#### “Safety of machinery and fire safety”, 42 standards

No.	Standard Number	Standard Title
1.	EN ISO 19353:2019	Safety of machinery - Fire prevention and fire protection (ISO 19353:2019)
2.	EN ISO 13851:2019	Safety of machinery - Two-hand control devices - Principles for design and selection (ISO 13851:2019)
3.	EN 81-77:2018	Safety rules for the construction and installations of lifts - Particular applications for passenger and goods passenger lifts - Part 77: Lifts subject to seismic conditions
4.	EN 81-28:2018+AC:2019	Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 28: Remote alarm

		on passenger and goods passenger lifts
5.	EN 54-7:2018	Fire detection and fire alarm systems - Part 7: Smoke detectors - Point smoke detectors that operate using scattered light, transmitted light or ionization
6.	EN 54-5:2017+A1:2018	Fire detection and fire alarm systems - Part 5: Heat detectors - Point heat detectors
7.	EN 54-3:2014+A1:2019	Fire detection and fire alarm systems - Part 3: Fire alarm devices - Sounders
8.	EN ISO 9241-306:2018	Ergonomics of human-system interaction - Part 306: Field assessment methods for electronic visual displays (ISO 9241-306:2018)
9.	EN ISO 9241-220:2019	Ergonomics of human-system interaction - Part 220: Processes for enabling, executing and assessing human-centred design within organizations (ISO 9241-220:2019)
10.	EN ISO 20685-1:2018	3-D scanning methodologies for internationally compatible anthropometric databases - Part 1: Evaluation protocol for body dimensions extracted from 3-D body scans (ISO 20685-1:2018)
11.	EN 15254-4:2018	Extended application of results from fire resistance tests - Non-loadbearing walls - Part 4: Glazed constructions
12.	EN 1366-13:2019	Fire resistance tests for service installations - Part 13: Chimneys
13.	EN 13501-6:2018	Fire classification of construction products and building elements - Part 6: Classification using data from reaction to fire tests on power, control and communication cables
14.	EN 13501-1:2018	Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests
15.	EN 13001-3-4:2018	Cranes - General design - Part 3-4: Limit states and proof of competence of machinery - Bearings
16.	EN ISO 24134:2018	Industrial trucks - Additional requirements for automated functions on trucks (ISO 24134:2006)
17.	EN 16842-9:2019	Powered industrial trucks - Visibility - Test methods and verification - Part 9: Order-picking, lateral- and front-stacking trucks with elevating operator position
18.	EN 16842-7:2018	Powered industrial trucks - Visibility - Test methods and verification - Part 7: Variable-reach and masted container trucks handling freight containers of 6 m (20 ft) length and longer
19.	EN 16842-6:2018	Powered industrial trucks - Visibility - Test methods and verification - Part 6: Sit-on counterbalance trucks and rough terrain masted trucks greater than 10 000 kg capacity
20.	EN 16842-4:2019	Powered industrial trucks- Visibility - Test methods and verification - Part 4: Industrial variable reach trucks up to and including 10 000 kg capacity
21.	EN 16842-3:2018	Powered industrial trucks - Visibility - Test methods and verification - Part 3: Reach trucks up to and including 10 000 kg capacity
22.	EN 16796-4:2019	Energy efficiency of Industrial trucks - Test methods - Part 4: Variable-reach rough-terrain trucks
23.	EN 1459-2:2015+A1:2018	Rough-terrain trucks - Safety requirements and verification - Part 2: Slewing variable-reach trucks
24.	CEN/TS 1459-8:2018	Rough-terrain trucks - Safety requirements and verification -

		Part 8: Variable-reach tractors
25.	EN ISO 19014-1:2018	Earth-moving machinery - Functional safety - Part 1: Methodology to determine safety-related parts of the control system and performance requirements (ISO 19014-1:2018, Corrected version 2019-02)
26.	EN ISO 19014-3:2018	Earth-moving machinery - Functional safety - Part 3: Environmental performance and test requirements of electronic and electrical components used in safety-related parts of the control system (ISO 19014-3:2018)
27.	EN 13136:2013+A1:2018	Refrigerating systems and heat pumps - Pressure relief devices and their associated piping - Methods for calculation
28.	EN 16712-4:2018	Portable equipment for projecting extinguishing agents supplied by firefighting pumps - Portable foam equipment - Part 4: High expansion foam generators PN16
29.	<b>EN ISO 19296:2018</b>	Mining - Mobile machines working underground - Machine safety (ISO 19296:2018)
30.	EN 17116-2:2018	Specifications for industrial laundry machines - Definitions and testing of capacity and consumption characteristics - Part 2: Batch drying tumblers
31.	EN ISO 28927-4:2010/A1:2018	Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 4: Straight grinders - Amendment 1: Cupped wire brushes (ISO 28927-4:2010/Amd 1:2017)
32.	EN ISO 10819:2013/A1:2019	Mechanical vibration and shock. Hand-arm vibration. Measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand
33.	CEN ISO/TR 19664:2018	Human response to vibration - Guidance and terminology for instrumentation and equipment for the assessment of daily vibration exposure at the workplace according to the requirements of health and safety (ISO/TR 19664:2017)
34.	EN 17064:2018	Safety requirements for cableway installations designed to carry persons - Prevention and fight against fire
35.	EN 1709:2019	Safety requirements for cableway installations designed to transport persons - Precommissioning inspection and instructions for maintenance and operational inspection and checks
36.	<b>EN 16985:2018</b>	Spray booths for organic coating material - Safety requirements
37.	<b>EN ISO 9994:2019</b>	Lighters - Safety specification (ISO 9994:2018)
38.	ISO/TR 22100-4:2018	Safety of machinery - Relationship with ISO 12100 - Part 4: Guidance to machinery manufacturers for consideration of related IT-security (cyber security) aspects
39.	ISO 13851:2019	Safety of machinery - Two-hand control devices - Principles for design and selection
40.	ISO 8528-2:2018	Reciprocating internal combustion engine driven alternating current generating sets - Part 2: Engines
41.	ISO 8528-5:2018	Reciprocating internal combustion engine driven alternating current generating sets - Part 5: Generating sets
42.	ISO 2710-2:2019	Reciprocating internal combustion engines - Vocabulary - Part 2: Terms for engine maintenance

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

<b>No.</b>	<b>Standard Number</b>	<b>Standard Title</b>
1.	EN 12150-1:2015+A1:2019	Glass in building - Thermally toughened soda lime silicate safety glass - Part 1: Definition and description
2.	EN 1279-2:2018	Glass in building - Insulating glass units - Part 2: Long term test method and requirements for moisture penetration
3.	EN 1279-3:2018	Glass in building - Insulating glass units - Part 3: Long term test method and requirements for gas leakage rate and for gas concentration tolerances
4.	EN 1279-4:2018	Glass in Building - Insulating Glass Units - Part 4: Methods of test for the physical attributes of edge seal components and inserts
5.	EN 1279-5:2018	Glass in building - Insulating glass units - Part 5: Product standard
6.	EN 1279-6:2018	Glass in building - Insulating glass units - Part 6: Factory production control and periodic tests
7.	EN 12898:2019	Glass in building - Determination of the emissivity
8.	ISO 20657:2017	Glass in building - Heat soaked tempered soda lime silicate safety glass
9.	ISO 1288-5:2016	Glass in building - Determination of the bending strength of glass -- Part 5: Coaxial double ring test on flat specimens with small test surface areas
10.	ISO 1288-4:2016	Glass in building - Determination of the bending strength of glass -- Part 4: Testing of channel shaped glass
11.	ISO 1288-3:2016	Glass in building - Determination of the bending strength of glass -- Part 3: Test with specimen supported at two points (four point bending)
12.	ISO 1288-2:2016	Glass in building - Determination of the bending strength of glass -- Part 2: Coaxial double-ring test on flat specimens with large test surface areas
13.	ISO 1288-1:2016	Glass in building - Determination of the bending strength of glass -- Part 1: Fundamentals of testing glass
14.	ISO 29584:2015	Glass in building - Pendulum impact testing and classification of safety glass
15.	ISO 16932:2016	Glass in building - Destructive-windstorm-resistant security glazing -- Test and classification

**Technical Committee No. 133**

**“Metals and their alloys”, 9 standards**

<b>No.</b>	<b>Standard Number</b>	<b>Standard Title</b>
1.	ISO 4978:2018	Steel sheet and strip for welded gas cylinders
2.	ISO 9328-1:2018	Steel flat products for pressure purposes - Technical delivery conditions - Part 1: General requirements
3.	ISO 9328-2:2018	Steel flat products for pressure purposes - Technical delivery conditions - Part 2: Non-alloy and alloy steels with specified elevated

		temperature properties
4.	ISO 9328-3:2018	Steel flat products for pressure purposes - Technical delivery conditions - Part 3: Weldable fine grain steels, normalized
5.	ISO 9328-4:2018	Steel flat products for pressure purposes - Technical delivery conditions - Part 4: Nickel-alloy steels with specified low temperature properties
6.	ISO 9328-5:2018	Steel flat products for pressure purposes - Technical delivery conditions - Part 5: Weldable fine grain steels, thermomechanically rolled
7.	ISO 9328-6:2018	Steel flat products for pressure purposes - Technical delivery conditions - Part 6: Weldable fine grain steels, quenched and tempered
8.	ISO 9328-7:2018	Steel flat products for pressure purposes - Technical delivery conditions - Part 7: Stainless steels
9.	ISO 15461:2018	Steel forgings - Testing frequency, sampling conditions and test methods for mechanical tests

**Technical Committee No. 136**  
**“Sports, playground and other recreational equipment”, 16 standards**

No.	Standard Number	Standard Title
1.	EN 959:2018	Mountaineering equipment - Rock anchors - Safety requirements and test methods
2.	CEN/TR 17207:2018	Playground and recreational areas - Framework for the competence of playground inspectors
3.	EN 1176-4:2017+AC:2019	Playground equipment and surfacing - Part 4: Additional specific safety requirements and test methods for cableways
4.	EN 1177:2018+AC:2019	Impact attenuating playground surfacing - Methods of test for determination of impact attenuation
5.	EN 1069-1:2017+A1:2019	Water slides - Part 1: Safety requirements and test methods
6.	EN 14619:2019	Roller sports equipment - Kick scooters - Safety requirements and test methods
7.	EN 14960-1:2019	Inflatable play equipment - Part 1: Safety requirements and test methods
8.	EN 14974:2019	Skateparks - Safety requirements and test methods
9.	EN 15288-1:2018	Swimming pools for public use - Part 1: Safety requirements for design
10.	EN 15288-2:2018	Swimming pools for public use - Part 2: Safety requirements for operation
11.	EN 17164:2018	Climbing/bouldering walls for use in the water area of swimming pools of public use - Safety and operational requirements
12.	EN ISO 20957-9:2016/A1:2019	Stationary training equipment - Part 9: Elliptical trainers, additional specific safety requirements and test methods - Amendment 1 (ISO 20957-9:2016/Amd 1:2019)
13.	EN 1647:2018	Leisure accommodation vehicles - Caravan holiday homes - Habitation requirements relating to health and safety
14.	EN 13200-1:2019	Spectator facilities - Part 1: General characteristics for spectator viewing area
15.	EN 13200-3:2018	Spectator facilities - Part 3: Separating elements - Requirements
16.	EN 17138:2018	Conservation of Cultural Heritage - Methods and materials for

		cleaning porous inorganic materials
17.	EN 17114:2018	Conservation of cultural heritage - Surface protection for porous inorganic materials - Technical and chemical data sheets of water repellent product

**Technical Committee No. 138, “Non-destructive testing”, 11 standards**

No.	Standard Number	Standard Title
1.	EN ISO 16809:2019	Non-destructive testing - Ultrasonic thickness measurement (ISO 16809:2017)
2.	EN ISO 15708-4:2019	Non-destructive testing - Radiation methods for computed tomography - Part 4: Qualification (ISO 15708-4:2017)
3.	EN ISO 15708-3:2019	Non-destructive testing - Radiation methods for computed tomography - Part 3: Operation and interpretation (ISO 15708-3:2017)
4.	EN ISO 15708-2:2019	Non-destructive testing - Radiation methods for Computed tomography - Part 2: Principles, equipment and samples (ISO 15708-2:2017)
5.	EN ISO 15708-1:2019	Non-destructive testing - Radiation methods for computed tomography - Part 1: Terminology (ISO 15708-1:2017)
6.	EN ISO 15549:2019	Non-destructive testing - Eddy current testing - General principles (ISO 15549:2019)
7.	EN ISO 15549:2019	Non-destructive testing - Eddy current testing - General principles (ISO 15549:2019)
8.	ISO 19835:2018	Non-destructive testing - Acoustic emission testing - Steel structures of overhead travelling cranes and portal bridge cranes
9.	ISO 16836:2019	Non-destructive testing - Acoustic emission testing - Measurement method for acoustic emission signals in concrete
10.	ISO 16837:2019	Non-destructive testing - Acoustic emission testing - Test method for damage qualification of reinforced concrete beams
11.	ISO 16838:2019	Non-destructive testing - Acoustic emission testing - Test method for classification of active cracks in concrete structures

**Technical Committee No. 144**

**“Tractors and machinery for agriculture and forestry”, 17 standards**

No.	Standard Number	Standard Title
1.	EN 1853:2017+AC:2019	Agricultural machinery - Trailers - Safety
2.	EN ISO 25119-1:2018	Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 1: General principles for design and development (ISO 25119-1:2018)
3.	EN ISO 25119-3:2018	Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 3: Series development, hardware and software (ISO 25119-3:2018)
4.	EN ISO 25119-4:2018	Tractors and machinery for agriculture and forestry - Safety-related parts of control systems - Part 4: Production, operation, modification and supporting processes (ISO 25119-4:2018)
5.	ISO 789-1:2018	Agricultural tractors - Test procedures - Part 1: Power tests for power

		take-off
6.	ISO 789-2:2018	Agricultural tractors - Test procedures - Part 2: Rear three-point linkage lifting capacity
7.	ISO 789-3:2015	Agricultural tractors - Test procedures - Part 3: Turning and clearance diameters
8.	ISO 789-4:1986	Agricultural tractors - Test procedures - Part 4: Measurement of exhaust smoke
9.	ISO 789-5:1983	Agricultural tractors - Test procedures - Part 5: Partial power PTO - Non-mechanically transmitted power
10.	ISO 789-6:1982	Agricultural tractors - Test procedures - Part 6: Centre of gravity
11.	ISO 789-6:1982/Amd 1:1996	Agricultural tractors -- Test procedures - Part 6: Centre of gravity
12.	ISO 789-7:1991	Agricultural tractors - Test procedures - Part 7: Axle power determination
13.	ISO 789-8:1991	Agricultural tractors - Test procedures - Part 8: Engine air cleaner
14.	ISO 789-9:2018	Agricultural tractors - Test procedures - Part 9: Power tests for drawbar
15.	ISO 789-11:1996	Agricultural tractors - Test procedures - Part 11: Steering capability of wheeled tractors
16.	ISO 789-12:2000	Agricultural tractors - Test procedures - Part 12: Low temperature starting
17.	ISO 789-13:2018	Agricultural tractors - Test procedures - Part 13: Vocabulary and specimen test report

**Technical Committee No. 154 “Aggregates, natural stone”, 6 standards**

No.	Standard Number	Standard Title
1.	EN 772-22:2018	Methods of test for masonry units - Part 22: Determination of freeze/thaw resistance of clay masonry units
2.	EN 13216-1:2019	Chimneys - Test methods for system chimneys - Part 1: General test methods
3.	EN 16475-3:2016+A1:2018	Chimneys - Accessories - Part 3: Draught regulators, standstill opening devices and combined secondary air devices - Requirements and test methods
4.	EN 12407:2019	Natural stone test methods - Petrographic examination
5.	EN 12670:2019	Natural stone - Terminology
6.	EN 16140:2019	Natural stone test methods - Determination of sensitivity to changes in appearance produced by thermal cycles

**Technical Committee No. 160**

**“Personal protective equipments”, 22 standards**

No.	Standard Number	Standard Title
1.	EN 363:2018	Personal fall protection equipment - Personal fall protection systems

2.	EN ISO 374-1:2016/A1:2018	Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks - Amendment 1 (ISO 374-1:2016/Amd 1:2018)
3.	EN 14458:2018	Personal eye-equipment - High performance visors intended only for use with protective helmets
4.	EN 13832-1:2018	Footwear protecting against chemicals - Part 1: Terminology and test methods
5.	EN 13832-2:2018	Footwear protecting against chemicals - Part 2: Requirements for limited contact with chemicals
6.	EN 13832-3:2018	Footwear protecting against chemicals - Part 3: Requirements for prolonged contact with chemicals
7.	EN ISO 22568-1:2019	Foot and leg protectors - Requirements and test methods for footwear components - Part 1: Metallic toecaps (ISO 22568-1:2019)
8.	EN ISO 22568-2:2019	Foot and leg protectors - Requirements and test methods for footwear component - Part 2: Non-metallic toecaps (ISO 22568-2:2019)
9.	EN ISO 22568-3:2019	Foot and leg protectors - Requirements and test methods for footwear components - Part 3: Metallic perforation resistant inserts (ISO 22568-3:2019)
10.	EN ISO 22568-4:2019	Foot and leg protectors - Requirements and test methods for footwear components - Part 4: Non-metallic perforation resistant inserts (ISO 22568-4:2019)
11.	CEN/TR 14560:2018	Guidance for selection, use, care and maintenance of protective clothing against heat and flame
12.	CEN/TR 17330:2019	Guidelines for selection, use, care and maintenance of protective clothing against foul weather, wind and cold
13.	EN 1073-1:2016+A1:2018	Protective clothing against solid airborne particles including radioactive contamination - Part 1: Requirements and test methods for compressed air line ventilated protective clothing, protecting the body and the respiratory tract
14.	EN 1149-5:2018	Protective clothing - Electrostatic properties - Part 5: Material performance and design requirements
15.	EN 16523-1:2015+A1:2018	Determination of material resistance to permeation by chemicals - Part 1: Permeation by potentially hazardous liquid chemicals under conditions of continuous contact
16.	EN 16523-2:2015+A1:2018	Determination of material resistance to permeation by chemicals - Part 2: Permeation by potentially hazardous gaseous chemicals under conditions of continuous contact
17.	EN 343:2019	Protective clothing - Protection against rain
18.	EN 943-1:2015+A1:2019	Protective clothing against dangerous solid, liquid and gaseous chemicals, including liquid and solid aerosols - Part 1: Performance requirements for Type 1 (gas-tight) chemical protective suits
19.	EN 943-2:2019	Protective clothing against dangerous solid, liquid and gaseous chemicals, including liquid and solid aerosols - Part 2: Performance requirements for Type 1 (gas-tight) chemical protective suits for emergency teams (ET)
20.	EN ISO 11393-1:2018	Protective clothing for users of hand-held chainsaws - Part 1: Test rig for testing resistance to cutting by a chainsaw (ISO 11393-

		1:2018)
21.	EN ISO 15384:2018	Protective clothing for firefighters - Laboratory test methods and performance requirements for wildland firefighting clothing (ISO 15384:2018)
22.	EN ISO 11393-3:2018	Protective clothing for users of hand-held chainsaws - Part 3: Test methods for footwear (ISO 11393-3:2018)

### Technical Committee No. 172

#### “Pulp, paper and board”, 17 standards

No.	Standard Number	Standard Title
1.	EN 17085:2019	Paper and board - Sampling procedures for paper and board for recycling
2.	EN 17163:2019	Pulp, paper and board - Determination of primary aromatic amines (PAA) in a water extract by a LC-MS method
3.	EN 648:2018	Paper and board intended to come into contact with foodstuffs - Determination of the fastness of fluorescent whitened paper and board
4.	EN ISO 12625-1:2019	Tissue paper and tissue products - Part 1: Vocabulary (ISO 12625-1:2019)
5.	EN ISO 7263-1:2019	Corrugating medium - Determination of the flat crush resistance after laboratory fluting - Part 1: A-flute (ISO 7263-1:2019)
6.	EN ISO 7263-2:2019	Corrugating medium - Determination of the flat crush resistance after laboratory fluting - Part 2: B-flute (ISO 7263-2:2018)
7.	EN 16712-4:2018	Portable equipment for projecting extinguishing agents supplied by firefighting pumps - Portable foam equipment - Part 4: High expansion foam generators PN16
8.	ISO 11480:2017	Pulp, paper and board - Determination of total chlorine and organically bound chlorine
9.	ISO 9416:2017	Paper - Determination of light scattering and absorption coefficients (using Kubelka-Munk theory)
10.	ISO 9197:2016	Paper, board and pulps - Determination of water-soluble chlorides
11.	ISO 11093-5:2016	Paper and board - Testing of cores - Part 5: Determination of characteristics of concentric rotation
12.	ISO 8254-3:2016	Paper and board - Measurement of specular gloss - Part 3: 20 degree gloss with a converging beam, TAPPI method
13.	ISO 8254-2:2016	Paper and board - Measurement of specular gloss - Part 2: 75 degree gloss with a parallel beam, DIN method
14.	ISO 12625-6:2016	Tissue paper and tissue products - Part 6: Determination of grammage
15.	ISO 12625-5:2016	Tissue paper and tissue products -- Part 5: Determination of wet tensile strength
16.	ISO 12625-4:2016	Tissue paper and tissue products - Part 4: Determination of tensile strength, stretch at maximum force and tensile energy absorption
17.	ISO 11093-4:2016	Paper and board - Testing of cores - Part 4: Measurement of dimensions

**Technical Committee No. 175**  
**“Round and sawn timber”, 13 standards**

No.	Standard Number	Standard Title
1.	EN 15102:2019	Decorative wallcoverings - Roll form
2.	EN 14081-2:2018	Timber structures - Strength graded structural timber with rectangular cross section - Part 2: Machine grading; additional requirements for type testing
3.	EN ISO 19085-10:2019	Woodworking machines - Safety - Part 10: Building site saws (contractor saws) (ISO 19085-10:2018)
4.	EN 16755:2017/AC:2018	Durability of reaction to fire performance - Classes of fire-retardant treated wood products in interior and exterior end use applications
5.	EN 17009:2019	Flooring of lignified materials other than wood - Characteristics, assessment and verification of constancy of performance and marking
6.	EN 15416-3:2017+A1:2019	Adhesives for load bearing timber structures other than phenolic and aminoplastic - Test methods - Part 3: Creep deformation test at cyclic climate conditions with specimens loaded in bending shear
7.	EN ISO 29863:2019	Self adhesive tapes - Measurement of static shear adhesion (ISO 29863:2018)
8.	EN ISO 29864:2019	Self adhesive tapes - Measurement of breaking strength and elongation at break (ISO 29864:2018)
9.	ISO 13061-12:2017	Physical and mechanical properties of wood - Test methods for small clear wood specimens - Part 12: Determination of static hardness
10.	ISO 13061-13:2016	Physical and mechanical properties of wood - Test methods for small clear wood specimens - Part 13: Determination of radial and tangential shrinkage
11.	ISO 13061-14:2016	Physical and mechanical properties of wood - Test methods for small clear wood specimens - Part 14: Determination of volumetric shrinkage
12.	ISO 13061-15:2017	Physical and mechanical properties of wood - Test methods for small clear wood specimens - Part 15: Determination of radial and tangential swelling
13.	ISO 13061-16:2017	Physical and mechanical properties of wood - Test methods for small clear wood specimens - Part 16: Determination of volumetric swelling

**Technical Committee No. 185**  
**“Fasteners, screws and auxiliary elements”, 12 standards**

No.	Standard Number	Standard Title
1.	EN ISO 4042:2018	Fasteners - Electroplated coating systems (ISO 4042:2018)
2.	EN ISO 10683:2018	Fasteners - Non-electrolytically applied zinc flake coating systems (ISO 10683:2018)
3.	EN 14399-8:2018	High-strength structural bolting assemblies for preloading - Part 8: System HV - Hexagon fit bolt and nut assemblies
4.	EN 14399-	High-strength structural bolting assemblies for preloading - Part 7:

	7:2018	System HR - Countersunk head bolt and nut assemblies
5.	ISO/TR 20491:2019	Fasteners - Fundamentals of hydrogen embrittlement in steel fasteners
6.	ISO 1703:2018	Assembly tools for screws and nuts - Nomenclature
7.	ISO 3315:2018	Assembly tools for screws and nuts - Driving parts for hand-operated square drive socket wrenches - Dimensions and tests
8.	ISO 3316:2018	Assembly tools for screws and nuts - Attachments for hand-operated square drive socket wrenches - Dimensions and tests
9.	ISO 6787:2018	Assembly tools for screws and nuts - Adjustable wrenches
10.	ISO 10102:2018	Assembly tools for screws and nuts - Double-headed open-ended engineers' wrenches - Outside dimensions
11.	ISO 10103:2018	Assembly tools for screws and nuts - Doubled-headed box wrenches, flat and offset - Outside dimensions and test torques
12.	ISO 10104:2018	Assembly tools for screws and nuts - Double-headed box wrenches, deep offset and modified offset - Outside dimensions

**Technical Committee No. 211 “Acoustics”, 8 standards**

No.	Standard Number	Standard Title
13.	EN ISO 3740:2019	Acoustics - Determination of sound power levels of noise sources - Guidelines for the use of basic standards (ISO 3740:2019)
14.	EN ISO 17201-3:2019	Acoustics - Noise from shooting ranges - Part 3: Sound propagation calculations (ISO 17201-3:2019)
15.	EN ISO 17201-1:2018	Acoustics - Noise from shooting ranges - Part 1: Determination of muzzle blast by measurement (ISO 17201-1:2018)
16.	EN ISO 7779:2018	Acoustics - Measurement of airborne noise emitted by information technology and telecommunications equipment (ISO 7779:2018)
17.	EN ISO 4869-2:2018	Acoustics - Hearing protectors - Part 2: Estimation of effective A-weighted sound pressure levels when hearing protectors are worn (ISO 4869-2:2018)
18.	EN ISO 4869-1:2018	Acoustics - Hearing protectors - Part 1: Subjective method for the measurement of sound attenuation (ISO 4869-1:2018)
19.	EN ISO 9053-1:2018	Acoustics - Determination of airflow resistance - Part 1: Static airflow method (ISO 9053-1:2018)
20.	EN ISO 16283-2:2018	Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 2: Impact sound insulation (ISO 16283-2:2018)

**Technical Committee No. 224  
“Information processing systems”, 14 standards**

No.	Standard Number	Standard Title
1.	EN 17054:2019	Biometrics multilingual vocabulary based upon the English version of ISO/IEC 2382-37:2012
2.	EN 17071:2019	Information technology - Automatic identification and data capture techniques - Electronic identification plate

3.	EN 17099:2019	Information technology - Fish and seafood products - Requirements for labelling of distribution units and pallets in the trade of fish and seafood products
4.	EN ISO 11073-10425:2019	Health informatics - Personal health device communication - Part 10425: Device specialization - Continuous glucose monitor (CGM) (ISO/IEEE 11073-10425:2019)
5.	EN ISO 11238:2018	Health informatics - Identification of medicinal products - Data elements and structures for the unique identification and exchange of regulated information on substances (ISO 11238:2018)
6.	EN 1047-2:2019	Secure storage units - Classification and methods of test for resistance to fire - Part 2: Data rooms and data container
7.	EN 1143-1:2019	Secure storage units - Requirements, classification and methods of test for resistance to burglary - Part 1: Safes, ATM safes, strongroom doors and strongrooms
8.	EN 16157-2:2019	Intelligent transport systems - DATEX II data exchange specifications for traffic management and information - Part 2: Location referencing
9.	EN ISO 17264:2009/A1:2019	Intelligent transport systems - Automatic vehicle and equipment identification - Interfaces - Amendment 1 (ISO 17264:2009/Amd 1:2019)
10.	EN ISO 14816:2005/A1:2019	Road transport and traffic telematics - Automatic vehicle and equipment identification - Numbering and data structure - Amendment 1 (ISO 14816:2005/Amd 1:2019)
11.	EN ISO 14906:2018	Electronic fee collection - Application interface definition for dedicated short-range communication (ISO 14906:2018)
12.	EN ISO 17262:2012/A1:2019	Intelligent transport systems - Automatic vehicle and equipment identification - Numbering and data structures - Amendment 1 (ISO 17262:2012/Amd 1:2019)
13.	EN ISO 17427-1:2018	Intelligent transport systems - Cooperative ITS - Part 1: Roles and responsibilities in the context of co-operative ITS architecture(s) (ISO 17427-1:2018)
14.	EN ISO 24534-4:2010/A1:2019	Automatic vehicle and equipment identification - Electronic registration identification (ERI) for vehicles - Part 4: Secure communications using asymmetrical techniques - Amendment 1 (ISO 24534-4:2010/Amd 1:2019)

**Technical Committee No. 230**  
**“Water, air and soil quality”, 47 standards**

No.	Standard Number	Standard Title
1.	EN ISO 14064-1:2019	Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals (ISO 14064-1:2018)
2.	EN 16167:2018+AC:2019	Soil, treated biowaste and sludge - Determination of polychlorinated biphenyls (PCB) by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD)
3.	EN ISO 8199:2018	Water quality - General requirements and guidance for microbiological examinations by culture (ISO 8199:2018)

4.	EN 16966:2018	Workplace exposure - Measurement of exposure by inhalation of nano-objects and their aggregates and agglomerates - Metrics to be used such as number concentration, surface area concentration and mass concentration
5.	EN 17058:2018	Workplace exposure - Assessment of exposure by inhalation of nano-objects and their aggregates and agglomerates
6.	EN 17199-1:2019	Workplace exposure - Measurement of dustiness of bulk materials that contain or release respirable NOAA and other respirable particles - Part 1: Requirements and choice of test methods
7.	EN 17199-2:2019	Workplace exposure - Measurement of dustiness of bulk materials that contain or release respirable NOAA or other respirable particles - Part 2: Rotating drum method
8.	EN 17199-3:2019	Workplace exposure - Measurement of dustiness of bulk materials that contain or release respirable NOAA or other respirable particles - Part 3: Continuous drop method
9.	EN 17199-4:2019	Workplace exposure - Measurement of dustiness of bulk materials that contain or release respirable NOAA or other respirable particles - Part 4: Small rotating drum method
10.	EN 17199-5:2019	Workplace exposure - Measurement of dustiness of bulk materials that contain or release respirable NOAA or other respirable particles - Part 5: Vortex shaker method
11.	EN 689:2018+AC:2019	Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values
12.	EN 1295-1:2019	Structural design of buried pipelines under various conditions of loading - Part 1: General requirements
13.	EN 15885:2018	Classification and characteristics of techniques for renovation, repair and replacement of drains and sewers
14.	EN 16815:2019	CleANopen - Application profile for municipal vehicles
15.	CEN ISO/TS 21083-2:2019	Test method to measure the efficiency of air filtration media against spherical nanomaterials - Part 2: Size range from 3 nm to 30 nm (ISO/TS 21083-2:2019)
16.	EN 1822-1:2019	High efficiency air filters (EPA, HEPA and ULPA) - Part 1: Classification, performance testing, marking
17.	EN ISO 21083-1:2018	Test method to measure the efficiency of air filtration media against spherical nanomaterials - Part 1: Size range from 20 nm to 500 nm (ISO 21083-1:2018)
18.	EN ISO 29463-2:2018	High-efficiency filters and filter media for removing particles in air - Part 2: Aerosol production, measuring equipment and particle-counting statistics (ISO 29463-2:2011)
19.	EN ISO 29463-3:2018	High-efficiency filters and filter media for removing particles in air - Part 3: Testing flat sheet filter media (ISO 29463-3:2011)
20.	EN ISO 29463-4:2018	High-efficiency filters and filter media for removing particles in air - Part 4: Test method for determining leakage of filter elements-Scan method (ISO 29463-4:2011)
21.	EN ISO 29463-5:2018	High-efficiency filters and filter media for removing particles in air - Part 5: Test method for filter elements (ISO 29463-5:2011)
22.	CEN/TR 17244:2018	Water quality - Technical report for the management of diatom barcodes
23.	CEN/TR 17245:2018	Water quality - Technical report for the routine sampling of

		benthic diatoms from rivers and lakes adapted for metabarcoding analyses
24.	EN 17075:2018	Water quality - General requirements and performance test procedures for water monitoring equipment - Measuring devices
25.	EN 17123:2018	Water quality - Guidance on determining the degree of modification of the hydromorphological features of transitional and coastal waters
26.	EN 17136:2019	Water quality - Guidance on field and laboratory procedures for quantitative analysis and identification of macroinvertebrates from inland surface waters
27.	EN 17204:2019	Water quality - Guidance on analysis of mesozooplankton from marine and brackish waters
28.	EN 17218:2019	Water quality - Guidance on sampling of mesozooplankton from marine and brackish water using mesh
29.	EN ISO 11704:2018	Water quality - Gross alpha and gross beta activity - Test method using liquid scintillation counting (ISO 11704:2018)
30.	EN ISO 12010:2019	Water quality - Determination of short-chain polychlorinated alkanes (SCCP) in water - Method using gas chromatography-mass spectrometry (GC-MS) and negative-ion chemical ionization (NCI) (ISO 12010:2019)
31.	EN ISO 13163:2019	Water quality - Lead-210 - Test method using liquid scintillation counting (ISO 13163:2013)
32.	EN ISO 15681-2:2018	Water quality - Determination of orthophosphate and total phosphorus contents by flow analysis (FIA and CFA) - Part 2: Method by continuous flow analysis (CFA) (ISO 15681-2:2018)
33.	EN ISO 7027-2:2019	Water quality - Determination of turbidity - Part 2: Semi-quantitative methods for the assessment of transparency of waters (ISO 7027-2:2019)
34.	EN ISO 9697:2019	Water quality - Gross beta activity - Test method using thick source (ISO 9697:2018)
35.	EN ISO 9698:2019	Water quality - Tritium - Test method using liquid scintillation counting (ISO 9698:2019)
36.	EN ISO 14644-16:2019	Cleanrooms and associated controlled environments - Part 16: Energy efficiency in cleanrooms and separative devices (ISO 14644-16:2019)
37.	CEN/TS 17198:2018	Stationary source emissions - Predictive Emission Monitoring Systems (PEMS) - Applicability, execution and quality assurance
38.	CEN/TS 17286:2019	Stationary source emissions - Mercury monitoring using sorbent traps
39.	CEN/TS 17337:2019	Stationary source emissions - Determination of mass concentration of multiple gaseous species - Fourier transform infrared spectroscopy
40.	EN 14701-4:2018	Characterization of sludges - Filtration properties - Part 4: Determination of the drainability of flocculated sludge
41.	EN 14702-3:2019	Characterisation of sludges - Settling properties - Part 3: Determination of zone settling velocity (ZSV)
42.	EN 17183:2018	Characterization of sludge - Evaluation of sludge density
43.	EN ISO 15175:2018	Soil quality - Characterization of contaminated soil related to groundwater protection (ISO 15175:2018)
44.	EN ISO 16133:2018	Soil quality - Guidance on the establishment and maintenance of

		monitoring programmes (ISO 16133:2018)
45.	EN 17125:2018	Domestic spas/whirlpool spas/hot tubs - Safety requirements and test methods
46.	EN ISO 23753-1:2019	Soil quality - Determination of dehydrogenases activity in soils - Part 1: Method using triphenyltetrazolium chloride (TTC) (ISO 23753-1:2019)
47.	EN ISO 23753-2:2019	Soil quality - Determination of dehydrogenases activity in soils - Part 2: Method using iodotetrazolium chloride (INT) (ISO 23753-2:2019)

### Technical Committee No. 248

#### “Textiles and textile products”, 26 standards

No.	Standard Number	Standard Title
1.	EN 12130:2018	Feather and down - Test methods - Determination of the fill power (massic volume)
2.	EN 14150:2019	Geosynthetic barriers - Determination of permeability to liquids
3.	EN ISO 10318-1:2015/A1:2018	Geosynthetics - Part 1: Terms and definitions - Amendment 1 (ISO 10318-1:2015/Amd 1:2018)
4.	EN ISO 10320:2019	Geosynthetics - Identification on site (ISO 10320:2019)
5.	CEN/TR 17222:2019	Textile products and nanotechnologies - Guidance on tests to simulate nanoparticle release - Skin exposure
6.	CEN/TR 17376:2019	Textiles - Safety of children's clothing - Guidance on the use of EN 14682:2014 Cords and drawstrings on children's clothing - Specifications
7.	EN 16781:2018	Textile child care articles - Safety requirements and test methods for children's sleep bags for use in a cot
8.	EN 16780:2018	Textile child care articles - Safety requirements and test methods for children's cot bumpers
9.	EN 17117-1:2018	Rubber or plastics-coated fabrics - Mechanical test methods under biaxial stress states - Part 1: Tensile stiffness properties
10.	EN 17137:2018	Textiles - Determination of the content of compounds based on chlorobenzenes and chlorotoluenes
11.	EN ISO 10325:2018	Fibre ropes - High modulus polyethylene - 8-strand braided ropes, 12-strand braided ropes and covered ropes (ISO 10325:2018)
12.	EN ISO 15487:2018	Textiles - Method for assessing appearance of apparel and other textile end products after domestic washing and drying (ISO 15487:2018)
13.	EN ISO 18254-2:2019	Textiles - Method for the detection and determination of alkylphenol ethoxylates (APEO) - Part 2: Method using NPLC (ISO 18254-2:2018)
14.	EN ISO 1833-10:2019	Textiles - Quantitative chemical analysis - Part 10: Mixtures of triacetate or polylactide with certain other fibres (method using dichloromethane) (ISO 1833-10:2019)
15.	EN ISO 1833-18:2019	Textiles - Quantitative chemical analysis - Part 18: Mixtures of silk with other protein fibres (method using sulfuric acid) (ISO 1833-18:2019)
16.	EN ISO 1833-20:2019	Textiles - Quantitative chemical analysis - Part 20: Mixtures of elastane with certain other fibres (method using dimethylacetamide)

		(ISO 1833-20:2018)
17.	EN ISO 1833-21:2019	Textiles - Quantitative chemical analysis - Part 21: Mixtures of chlorofibres, certain modacrylics, certain elastanes, acetates, triacetates and certain other fibres (method using cyclohexanone) (ISO 1833-21:2019)
18.	EN ISO 1833-27:2019	Textiles - Quantitative chemical analysis - Part 27: Mixtures of cellulose fibres with certain other fibres (method using aluminium sulfate) (ISO 1833-27:2018)
19.	EN ISO 1833-3:2019	Textiles - Quantitative chemical analysis - Part 3: Mixtures of acetate with certain other fibres (method using acetone) (ISO 1833-3:2019)
20.	EN ISO 1833-6:2019	Textiles - Quantitative chemical analysis - Part 6: Mixtures of viscose, certain types of cupro, modal or lyocell with certain other fibres (method using formic acid and zinc chloride) (ISO 1833-6:2018)
21.	EN ISO 21084:2019	Textiles - Method for determination of alkylphenols (AP) (ISO 21084:2019)
22.	EN ISO 32100:2018	Rubber- or plastics-coated fabrics - Physical and mechanical tests - Determination of flex resistance by the flexometer method (ISO 32100:2018)
23.	EN ISO 9092:2019	Nonwovens - Vocabulary (ISO 9092:2019)
24.	EN 12131:2018	Feather and down - Test methods - Determination of the quantitative composition of feather and down (manual method)
25.	EN 13088:2018	Manufactured articles filled with feather and down - Method for the determination of a filled product's total mass and for the determination of the mass of the filling
26.	EN 1885:2018	Feather and down - Terms and definitions

### Technical Committee No. 256

#### “Railway applications”, 32 standards

No.	Standard Number	Standard Title
1.	EN 17095:2019	Railway applications - Rolling stock maintenance - Maintenance records
2.	EN 17084:2018	Railway applications - Fire protection on railway vehicles - Toxicity test of materials and components
3.	EN 17069-1:2019	Railway applications - Systems and procedures for change of track gauge - Automatic Variable Gauge Systems
4.	EN 17065:2018	Railway applications - Braking - Passenger coach test procedure
5.	EN 17023:2018	Railway applications - Railway vehicle maintenance - Creation and modification of maintenance plan
6.	EN 17018:2019	Railway applications - Rolling stock maintenance - Terms and definitions
7.	EN 16989:2018	Railway applications - Fire protection on railway vehicles - Fire behaviour test for a complete seat
8.	EN 16951-2:2018	Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Procedures for assessing

		long term performance - Part 2: Non-acoustic characteristics
9.	EN 16951-1:2018	Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Procedures for assessing long term performance - Part 1: Acoustic characteristics
10.	EN 16860:2019	Railway applications - Requirements and general principles for securing payload in rail freight transport
11.	EN 16834:2019	Railway applications - Braking - Brake performance
12.	EN 16729-4:2018	Railway applications – Infrastructure - Non-destructive testing on rails in track - Qualification of personnel for non-destructive testing on rails
13.	EN 16727-2-1:2018	Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Non-acoustic performance - Part 2-1: Mechanical performance under dynamic loadings due to passing trains - Resistance to fatigue
14.	EN 16727-1:2018	Railway applications - Track - Noise barriers and related devices acting on airborne sound propagation - Non-acoustic performance - Part 1: Mechanical performance under static loadings - Calculation and test method
15.	EN 16452:2015+A1:2019	Railway applications - Braking - Brake blocks
16.	EN 16186-4:2019	Railway applications - Driver's cab - Part 4: Layout and access
17.	EN 15663:2017+A1:2018	Railway applications - Vehicle reference masses
18.	EN 15654-2:2019	Railway applications - Measurement of vertical forces on wheels and wheelsets - Part 2: Test in workshop for new, modified and maintained vehicles
19.	EN 15610:2019	Railway applications - Acoustics - Rail and wheel roughness measurement related to noise generation
20.	EN 15355:2019	Railway applications - Braking - Distributor valves and distributor-isolating devices
21.	EN 15329:2019	Railway applications - Braking - Brake block holder and brake block key
22.	EN 14535-2:2019	Railway applications - Brake discs for railway rolling stock - Part 2: Brake discs mounted onto the wheel, dimensions and quality requirements
23.	EN 14535-1:2019	Railway applications - Brake discs for railway rolling stock - Part 1: Brake discs pressed or shrunk onto the axle or drive shaft, dimensions and quality requirements
24.	EN 14363:2016+A1:2018	Railway applications - Testing and Simulation for the acceptance of running characteristics of railway vehicles - Running Behaviour and stationary tests
25.	EN 13848-1:2019	Railway applications - Track - Track geometry quality - Part 1: Characterization of track geometry
26.	EN 13674-4:2019	Railway applications - Track - Rail - Part 4: Vignole railway rails from 27 kg/m to, but excluding 46 kg/m
27.	EN 13146-7:2019	Railway applications - Track - Test methods for fastening systems - Part 7: Determination of clamping force and uplift stiffness
28.	CEN/TR 17320:2019	Railway applications - Infrastructure - Determination of laboratory test parameters for assessing the mechanical durability of rail

		fastening systems - Complementary element
29.	CEN/TR 17315:2019	Railway applications - Braking - Calculations for the estimation of stopping distance for specific Wheel Slide Protection testing
30.	CEN/TR 15654-3:2019	Railway applications - Measurement of vertical forces on wheels and wheelsets - Part 3: Approval and verification of on track measurement sites for vehicles in service
31.	ISO/TR 22131:2018	Railway applications - Railway braking - Country specific applications for ISO 20138-1
32.	ISO 20138-1:2018	Railway applications - Calculation of braking performance (stopping, slowing and stationary braking) - Part 1: General algorithms utilizing mean value calculation

**Technical Committee No. 261**  
**“Packaging”, 4 standards**

No.	Standard Number	Standard Title
1.	CEN/TR 13695-2:2019	Packaging - Requirements for measuring and verifying the four heavy metals and other dangerous substances present in packaging, and their release into the environment - Part 2: Requirements for measuring and verifying dangerous substances present in packaging, and their release into the environment
2.	EN 12726:2018	Packaging - Cork mouth finish with a bore diameter of 18,5 mm for corks and tamper evident capsules
3.	EN 17177:2019	Glass packaging - Crown cap - 26 mm diameter, 6 mm height crown cap
4.	EN ISO 20848-3:2018	Packaging - Plastics drums - Part 3: Plug bung closure systems for plastics drums with a nominal capacity of 113,6 l to 220 l (ISO 20848-3:2018)

**Technical Committee No. 269**  
**“Heating boilers, gas cylinders and pressure equipments”, 15 standards**

No.	Standard Number	Standard Title
1.	EN 16838:2019	Refrigerated display scooping cabinets and pozzetto for gelato - Classification, requirements, performance and energy consumption testing
2.	EN 13445-2:2014/A3:2018	Unfired pressure vessels - Part 2: Materials
3.	EN 17192:2018	Ventilation for buildings - Ductwork - Non-metallic ductwork - Requirements and test methods
4.	EN 16925:2018	Fixed firefighting systems - Automatic residential sprinkler systems - Design, installation and maintenance
5.	EN 334:2019	Gas pressure regulators for inlet pressure up to 10 MPa (100 bar)
6.	EN 437:2018	Test gases - Test pressures - Appliance categories
7.	EN ISO 20765-1:2018	Natural gas - Calculation of thermodynamic properties - Part 1: Gas phase properties for transmission and distribution applications (ISO 20765-1:2005)
8.	EN ISO 20765-	Natural gas - Calculation of thermodynamic properties - Part 2:

	2:2018	Single-phase properties (gas, liquid, and dense fluid) for extended ranges of application (ISO 20765-2:2015)
9.	EN ISO 23874:2018	Natural gas - Gas chromatographic requirements for hydrocarbon dewpoint calculation (ISO 23874:2006)
10.	EN ISO 6974-3:2018	Natural gas - Determination of composition and associated uncertainty by gas chromatography - Part 3: Precision and bias (ISO 6974-3:2018)
11.	EN 12972:2018	Tanks for transport of dangerous goods - Testing, inspection and marking of metallic tanks
12.	EN 13317:2018	Tanks for transport of dangerous goods - Service equipment for tanks - Manhole cover assembly
13.	EN 14025:2018	Tanks for the transport of dangerous goods - Metallic pressure tanks - Design and construction
14.	EN 14596:2018	Tanks for transport of dangerous goods - Service equipment for tanks - Emergency pressure relief valve
15.	EN 17110:2018	Tanks for transport of dangerous goods - Service equipment for tanks - Vapour manifold vent valve

**Technical Committee No. 275**  
**“Food product analysis. Containers in contact with food”, 7 standards**

No.	Standard Number	Standard Title
1.	CEN/TS 17303:2019	Foodstuffs - DNA barcoding of fish and fish products using defined mitochondrial cytochrome b and cytochrome c oxidase I gene segments
2.	CEN/TS 17329-1:2019	Foodstuffs - General guidelines for the validation of qualitative real-time PCR methods - Part 1: Single-laboratory validation
3.	CEN/TS 17329-2:2019	Foodstuffs - General guidelines for the validation of qualitative real-time PCR methods - Part 2: Collaborative study
4.	EN 17203:2018	Foodstuffs - Determination of citrinin in food by liquid chromatography tandem mass spectrometry (LC-MS/MS)
5.	EN ISO 20976-1:2019	Microbiology of the food chain - Requirements and guidelines for conducting challenge tests of food and feed products - Part 1: Challenge tests to study growth potential, lag time and maximum growth rate (ISO 20976-1:2019)
6.	EN ISO 22117:2019	Microbiology of the food chain - Specific requirements and guidance for proficiency testing by interlaboratory comparison (ISO 22117:2019)
7.	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

**Technical Committee No. 286**  
**“Liquefied petroleum gas equipment”, 20 standards**

No.	Standard Number	Standard Title
1.	EN 16726:2015+A1:2018	Gas infrastructure - Quality of gas - Group H
2.	EN 12285-3:2019	Workshop fabricated steel tanks - Part 3: Horizontal cylindrical single skin and double skin tanks for the underground storage of flammable and nonflammable water polluting liquids for heating and cooling of buildings
3.	EN 17127:2018	Outdoor hydrogen refuelling points dispensing gaseous hydrogen and incorporating filling protocols
4.	EN ISO 23208:2019	Cryogenic vessels - Cleanliness for cryogenic service (ISO 23208:2017)
5.	CEN/TS 16769:2019	LPG equipment and accessories - Terminology
6.	EN 12817:2019	LPG Equipment and accessories - Inspection and requalification of LPG pressure vessels up to and including 13 m <sup>3</sup>
7.	EN 12819:2019	LPG equipment and accessories - Inspection and requalification of LPG pressure vessels greater than 13 m <sup>3</sup>
8.	EN 13175:2019	LPG Equipment and accessories - Specification and testing for Liquefied Petroleum Gas (LPG) pressure vessel valves and fittings
9.	EN 16652-2:2019	LPG equipment and accessories - Automotive LPG vehicles workshops - Part 2: Personnel competence and training
10	ISO 6182-1:2014	Fire protection - Automatic sprinkler systems -- Part 1: Requirements and test methods for sprinklers
11	ISO 6182-2:2012	Fire protection - Automatic sprinkler systems - Part 2: Requirements and test methods for wet alarm valves, retard chambers and water motor alarms
12	ISO 6182-3:2012	Fire protection - Automatic sprinkler systems - Part 3: Requirements and test methods for dry pipe valves
13	ISO 6182-5:2012	Fire protection - Automatic sprinkler systems - Part 5: Requirements and test methods for deluge valves
14	ISO 6182-6:2006	Fire protection - Automatic sprinkler systems - Part 6: Requirements and test methods for check valves
15	ISO 6182-7:2004	Fire protection - Automatic sprinkler systems - Part 7: Requirements and test methods for early suppression fast response (ESFR) sprinklers
16	ISO 6182-8:2006	Fire protection - Automatic sprinkler systems - Part 8: Requirements and test methods for pre-action dry alarm valves
17	ISO 6182-9:2005	Fire protection - Automatic sprinkler system - Part 9: Requirements and test methods for water mist nozzles
18	ISO 6182-10:2014	Fire protection - Automatic sprinkler systems - Part 10: Requirements and test methods for domestic sprinklers
19	ISO 6182-11:2003	Fire protection - Automatic sprinkler systems - Part 11: Requirements and test methods for pipe hangers
20	ISO 6182-12:2014	Fire protection - Automatic sprinkler systems - Part 12: Requirements and test methods for grooved-end components for steel pipe systems

### Technical Committee No. 288

#### “Execution of special geotechnical works”, 7 standards

No.	Standard Number	Standard Title
1.	EN 12716:2018	Execution of special geotechnical work - Jet grouting
2.	EN ISO 17892-10:2018	Geotechnical investigation and testing - Laboratory testing of soil - Part 10: Direct shear tests (ISO 17892-10:2018)
3.	EN ISO 17892-11:2019	Geotechnical investigation and testing - Laboratory testing of soil - Part 11: Permeability tests (ISO 17892-11:2019)
4.	EN ISO 22476-6:2018	Geotechnical investigation and testing - Field testing - Part 6: Self boring pressuremeter test (ISO 22476-6:2018)
5.	EN ISO 22476-8:2018	Geotechnical investigation and testing - Field testing - Part 8: Full displacement pressuremeter test (ISO 22476-8:2018)
6.	EN ISO 22477-1:2018	Geotechnical investigation and testing - Testing of geotechnical structures - Part 1: Testing of piles: static compression load testing (ISO 22477-1:2018)
7.	EN ISO 22477-5:2018	Geotechnical investigation and testing - Testing of geotechnical structures - Part 5: Testing of grouted anchors (ISO 22477-5:2018)

### Technical Committee No. 298

#### “Pigments and varnishes”, 15 standards

No.	Standard Number	Standard Title
1.	EN ISO 23900-6:2018	Pigments and extenders - Methods of dispersion and assessment of dispersibility in plastics - Part 6: Determination by film test (ISO 23900-6:2015)
2.	EN ISO 787-17:2019	General methods of test for pigments and extenders - Part 17: Comparison of lightening power of white pigments (ISO 787-17:2019)
3.	EN ISO 787-25:2019	General methods of test for pigments and extenders - Part 25: Comparison of the colour, in full-shade systems, of white, black and coloured pigments - Colorimetric method (ISO 787-25:2019)
4.	EN ISO 787-9:2019	General methods of test for pigments and extenders - Part 9: Determination of pH value of an aqueous suspension (ISO 787-9:2019)
5.	CEN/TS 927-9:2018	Paints and varnishes - Coating materials and coating systems for exterior wood - Part 9: Determination of pull-off strength after water exposure
6.	EN 16402:2019	Paints and varnishes - Assessment of emissions of substances from coatings into indoor air - Sampling, conditioning and testing
7.	EN 927-10:2019	Paints and varnishes - Coating materials and coating systems for exterior wood - Part 10: Resistance to blocking of paints and varnishes on wood
8.	EN 927-6:2018	Paints and varnishes - Coating materials and coating systems for exterior wood - Part 6: Exposure of wood coatings to artificial weathering using fluorescent UV lamps and water

9.	EN ISO 11124-1:2018	Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 1: General introduction and classification (ISO 11124-1:2018)
10.	EN ISO 11125-2:2018	Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 2: Determination of particle size distribution (ISO 11125-2:2018)
11.	EN ISO 11125-3:2018	Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 3: Determination of hardness (ISO 11125-3:2018)
12.	EN ISO 11125-4:2018	Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 4: Determination of apparent density (ISO 11125-4:2018)
13.	EN ISO 11126-5:2018	Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 5: Nickel slag (ISO 11126-5:2018)
14.	EN ISO 2812-2:2018	Paints and varnishes - Determination of resistance to liquids - Part 2: Water immersion method (ISO 2812-2:2018)
15.	EN ISO 2812-3:2019	Paints and varnishes - Determination of resistance to liquids - Part 3: Method using an absorbent medium (ISO 2812-3:2019)

**Technical Committee No. 304**  
**“Documentation and information”, 13 standards**

No.	Standard Number	Standard Title
1.	CEN ISO/TS 19139-1:2019	Geographic information - XML schema implementation - Part 1: Encoding rules (ISO/TS 19139-1:2019)
2.	EN ISO 19112:2019	Geographic information - Spatial referencing by geographic identifiers (ISO 19112:2019)
3.	EN ISO 19115-2:2019	Geographic information - Metadata - Part 2: Extensions for acquisition and processing (ISO 19115-2:2019)
4.	ISO 10161-2:2014	Information and documentation - Open Systems Interconnection - Interlibrary Loan Application Protocol Specification - Part 2: Protocol implementation conformance statement (PICS) proforma
5.	ISO 17933:2000	GEDI - Generic Electronic Document Interchange
6.	ISO 21127:2014	Information and documentation -- A reference ontology for the interchange of cultural heritage information
7.	ISO 12083:1994	Information and documentation - Electronic manuscript preparation and markup
8.	ISO 10754:1996	Information and documentation - Extension of the Cyrillic alphabet coded character set for non-Slavic languages for bibliographic information interchange
9.	ISO 23950:1998	Information and documentation - Information retrieval (Z39.50) - Application service definition and protocol specification
10.	ISO 15511:2011	Information and documentation - International standard identifier for libraries and related organizations (ISIL)
11.	ISO 25577:2013	Information and documentation - MarcXchange
12.	ISO 28560-1:2014	Information and documentation - RFID in libraries - Part 1: Data elements and general guidelines for implementation

13.	ISO 28560-2:2014	Information and documentation - RFID in libraries - Part 2: Encoding of RFID data elements based on rules from ISO/IEC 15962
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**Technical Committee No. 307**  
**“Food oils and fats. Oilseeds”, 12 standards**

No.	Standard Number	Standard Title
1.	EN 14110:2019	Fat and oil derivatives - Fatty Acid Methyl Esters - Determination of methanol content
2.	EN ISO 9167:2019	Rapeseed and rapeseed meals - Determination of glucosinolates content - Method using high-performance liquid chromatography (ISO 9167:2019)
3.	ISO 8534:2017	Animal and vegetable fats and oils - Determination of water content -- Karl Fischer method (pyridine free)
4.	ISO 10539:2002	Animal and vegetable fats and oils - Determination of alkalinity
5.	ISO 10540-1:2003	Animal and vegetable fats and oils - Determination of phosphorus content -- Part 1: Colorimetric method
6.	ISO 10540-2:2003	Animal and vegetable fats and oils - Determination of phosphorus content -- Part 2: Method using graphite furnace atomic absorption spectrometry
7.	ISO 12193:2004	Animal and vegetable fats and oils - Determination of lead by direct graphite furnace atomic absorption spectroscopy
8.	ISO 12966-2:2017	Animal and vegetable fats and oils - Gas chromatography of fatty acid methyl esters -- Part 2: Preparation of methyl esters of fatty acids
9.	ISO 13884:2003	Animal and vegetable fats and oils - Determination of isolated trans isomers by infrared spectrometry
10.	ISO 15301:2001	Animal and vegetable fats and oils - Determination of sediment in crude fats and oils -- Centrifuge method
11.	ISO 15301:2001/Cor 1:2007	Animal and vegetable fats and oils - Determination of sediment in crude fats and oils -- Centrifuge method
12.	ISO 15303:2001	Animal and vegetable fats and oils - Detection and identification of a volatile organic contaminant by GC/MS

**Technical Committee No. 309**  
**“Footwear and leather”, 10 standards**

No.	Standard Number	Standard Title
1.	EN ISO 10750:2018	Footwear - Test method for slide fasteners - Attachment strength of end stops (ISO 10750:2015)
2.	EN ISO 17696:2018	Footwear - Test methods for uppers, linings and insoles - Tear strength (ISO 17696:2004)
3.	EN ISO 17702:2018	Footwear - Test methods for uppers - Water resistance (ISO 17702:2003)
4.	EN ISO 17703:2018	Footwear - Test methods for uppers - High temperature behaviour (ISO 17703:2003)
5.	EN ISO 17705:2018	Footwear - Test methods for uppers, lining and insoles - Thermal insulation (ISO 17705:2003)
6.	EN ISO 17708:2018	Footwear - Test methods for whole shoe - Upper sole adhesion (ISO 17708:2018)
7.	EN ISO	Footwear - Sampling location, preparation and duration of

	17709:2018	conditioning of samples and test pieces (ISO 17709:2004)
8.	EN ISO 18895:2018	Footwear - Test methods for shanks - Fatigue resistance (ISO 18895:2006)
9.	EN ISO 22653:2018	Footwear - Test methods for lining and insoles - Static friction (ISO 22653:2003)
10.	EN ISO 11640:2018	Leather - Tests for colour fastness - Colour fastness to cycles of to-and-fro rubbing (ISO 11640:2018)

### Technical Committee No. 320

#### “Transport. Logistics and services”, 67 standards

No.	Standard Number	Standard Title
1.	EN ISO 18541-5:2018	Road vehicles - Standardized access to automotive repair and maintenance information (RMI) - Part 5: Heavy duty specific provision (ISO 18541-5:2018)
2.	EN ISO 16380:2018	Road vehicles - Blended fuels refuelling connector (ISO 16380:2014, including Amd 1:2016)
3.	EN ISO 18243:2019	Electrically propelled mopeds and motorcycles - Test specifications and safety requirements for lithium-ion battery systems (ISO 18243:2017)
4.	EN ISO 15118-4:2019	Road vehicles - Vehicle to grid communication interface - Part 4: Network and application protocol conformance test (ISO 15118-4:2018)
5.	EN ISO 15118-5:2019	Road vehicles - Vehicle to grid communication interface - Part 5: Physical layer and data link layer conformance test (ISO 15118-5:2018)
6.	EN ISO 15118-8:2019	Road vehicles - Vehicle to grid communication interface - Part 8: Physical layer and data link layer requirements for wireless communication (ISO 15118-8:2018)
7.	EN ISO 9093-2:2018	Small craft - Seacocks and through-hull fittings - Part 2: Non-metallic (ISO 9093-2:2002)
8.	EN ISO 9093-1:2018	Small craft - Seacocks and through-hull fittings - Part 1: Metallic (ISO 9093-1:1994)
9.	EN ISO 8849:2018	Small craft - Electrically operated direct-current bilge pumps (ISO 8849:2003)
10.	EN ISO 8666:2018	Small craft - Principal data (ISO 8666:2016)
11.	EN ISO 8469:2018	Small craft - Non-fire-resistant fuel hoses (ISO 8469:2013)
12.	EN ISO 7840:2018	Small craft - Fire-resistant fuel hoses (ISO 7840:2013)
13.	EN ISO 6185-1:2018	Inflatable boats - Part 1: Boats with a maximum motor power rating of 4,5 kW (ISO 6185-1:2001)
14.	EN ISO 6185-2:2018	Inflatable boats - Part 2: Boats with a maximum motor power rating of 4,5 kW to 15 kW inclusive (ISO 6185-2:2001)
15.	EN ISO 6185-	Inflatable boats - Part 3: Boats with a hull length less than 8 m with a

	3:2018	motor rating of 15 kW and greater (ISO 6185-3:2014)
16.	EN ISO 6185-4:2018	Inflatable boats - Part 4: Boats with a hull length of between 8 m and 24 m with a motor power rating of 15 kW and greater (ISO 6185-4:2011, Corrected version 2014-08-01)
17.	EN ISO 11591:2019	Small craft - Field of vision from the steering position (ISO 11591:2019)
18.	EN ISO 10087:2019	Small craft - Craft identification - Coding system (ISO 10087:2019)
19.	EN ISO 25197:2018	Small craft - Electrical/electronic control systems for steering, shift and throttle (ISO 25197:2012, including Amd 1:2014)
20.	EN ISO 21487:2018	Small craft - Permanently installed petrol and diesel fuel tanks (ISO 21487:2012, including Amd 1:2014 and Amd 2:2015)
21.	EN ISO 16180:2018	Small craft - Navigation lights - Installation, placement and visibility (ISO 16180:2013)
22.	EN ISO 16147:2018	Small craft - Inboard diesel engines - Engine-mounted fuel, oil and electrical components (ISO 16147:2018)
23.	EN ISO 14509-1:2018	Small craft - Airborne sound emitted by powered recreational craft - Part 1: Pass-by measurement procedures (ISO 14509-1:2008)
24.	EN ISO 14509-3:2018	Small craft - Airborne sound emitted by powered recreational craft - Part 3: Sound assessment using calculation and measurement procedures (ISO 14509-3:2009)
25.	EN ISO 13590:2018	Small craft - Personal watercraft - Construction and system installation requirements (ISO 13590:2003)
26.	EN ISO 13297:2018	Small craft - Electrical systems - Alternating current installations (ISO 13297:2014)
27.	EN ISO 12216:2018	Small craft - Windows, portlights, hatches, deadlights and doors - Strength and watertightness requirements (ISO 12216:2002)
28.	EN ISO 11812:2018	Small craft - Watertight cockpits and quick-draining cockpits (ISO 11812:2001)
29.	EN ISO 11547:2018	Small craft - Start-in-gear protection (ISO 11547:1994)
30.	EN ISO 11192:2018	Small craft - Graphical symbols (ISO 11192:2005)
31.	EN ISO 12215-1:2018	Small craft - Hull construction and scantlings - Part 1: Materials: Thermosetting resins, glass-fibre reinforcement, reference laminate (ISO 12215-1:2000)
32.	EN ISO 12215-2:2018	Small craft - Hull construction and scantlings - Part 2: Materials: Core materials for sandwich construction, embedded materials (ISO 12215-2:2002)
33.	EN ISO 12215-3:2018	Small craft - Hull construction and scantlings - Part 3: Materials: Steel, aluminium alloys, wood, other materials (ISO 12215-3:2002)
34.	EN ISO 12215-4:2018	Small craft - Hull construction and scantlings - Part 4: Workshop and manufacturing (ISO 12215-4:2002)
35.	EN ISO 12215-5:2018	Small craft - Hull construction and scantlings - Part 5: Design pressures for monohulls, design stresses, scantlings determination (ISO 12215-5:2008, including Amd 1:2014)
36.	EN ISO 12215-6:2018	Small craft - Hull construction and scantlings - Part 6: Structural arrangements and details (ISO 12215-6:2008)
37.	EN ISO 12215-8:2018	Small craft - Hull construction and scantlings - Part 8: Rudders (ISO 12215-8:2009, including Cor 1:2010)

38.	EN ISO 12215-9:2018	Small craft - Hull construction and scantlings - Part 9: Sailing craft appendages (ISO 12215-9:2012)
39.	EN ISO 8384:2018	Ships and marine technology - Dredgers - Vocabulary
40.	ISO 799-1:2019	Ships and marine technology - Pilot ladders - Part 1: Design and specification
41.	ISO 17339:2018	Ships and marine technology - Life saving and fire protection - Sea anchors for survival craft and rescue boats
42.	ISO 18079-2:2018	Ships and marine technology - Servicing of inflatable life-saving appliances - Part 2: Inflatable life rafts
43.	ISO 18079-3:2018	Ships and marine technology - Servicing of inflatable life-saving appliances - Part 3: Inflatable lifejackets
44.	ISO 18079-4:2018	Ships and marine technology - Servicing of inflatable life-saving appliances - Part 4: Marine evacuation systems
45.	ISO 18079-5:2018	Ships and marine technology - Servicing of inflatable life-saving appliances - Part 5: Inflated rescue boats
46.	ISO 19897:2019	Ships and marine technology - Marine evacuation systems - Testing under conditions of icing
47.	ISO 16304:2018	Ships and marine technology - Marine environment protection - Arrangement and management of port waste reception facilities
48.	ISO 17325-3:2018	Ships and marine technology - Marine environment protection - Oil booms - Part 3: End connectors
49.	ISO 17325-4:2018	Ships and marine technology - Marine environment protection - Oil booms - Part 4: Auxiliary equipment
50.	ISO 23048:2018	Ships and marine technology - Verification method for portable power measurement using a strain gauge
51.	ISO 21157:2018	Ships and marine technology - Ball valves for use in low temperature applications - Design and testing requirements
52.	ISO 21159:2018	Ships and marine technology - Butterfly valves for use in low temperature applications - Design and testing requirements
53.	ISO 20602:2019	Ships and marine technology - Check valves for use in low temperature applications - Design and testing requirements
54.	ISO 21125:2019	Ships and marine technology - Marine cranes - Manufacturing requirements
55.	ISO 21130:2019	Ships and marine technology - Major components of emergency towing arrangements
56.	ISO 21132:2019	Ships and marine technology - Marine cranes - Operation and maintenance requirements
57.	ISO 21539:2019	Ships and marine technology - Testing specification for walkways using electrical resistance trace heating
58.	ISO 21711:2019	Marine structures - Mobile offshore units - Chain wheels
59.	ISO 21885:2019	Ships and marine technology - Testing specification for stairsteps using electrical resistance trace heating
60.	ISO 22419:2019	Ships and marine technology - Testing specification for handrails using electrical resistance trace heating
61.	ISO 19847:2018	Ships and marine technology - Shipboard data servers to share field data at sea
62.	ISO 19848:2018	Ships and marine technology - Standard data for shipboard machinery and equipment
63.	ISO 20233-1:2018	Ships and marine technology - Model test method for propeller

		cavitation noise evaluation in ship design - Part 1: Source level estimation
64.	ISO 20313:2018	Ships and marine technology - Cathodic protection of ships
65.	ISO 21005:2018	Ships and marine technology - Thermally toughened safety glass panes for windows and side scuttles
66.	ISO 21635:2018	Ships and marine technology - Specification of high manganese austenitic steel used for LNG tanks on board ships
67.	ISO 21984:2018	Ships and marine technology - Guidelines for measurement, evaluation and reporting of vibration with regard to habitability on specific ships

### Technical Committee No. 336

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

No.	Standard Number	Standard Title
1.	EN 13702:2018	Bitumen and bituminous binders - Determination of dynamic viscosity of bitumen and bituminous binders by the cone and plate method
2.	EN 12697-31:2019	Bituminous mixtures - Test methods - Part 31: Specimen preparation by gyratory compactor
3.	EN 12697-32:2019	Bituminous mixtures - Test methods - Part 32: Specimen preparation by vibratory compactor
4.	EN 12697-33:2019	Bituminous mixtures - Test method - Part 33: Specimen prepared by roller compactor
5.	EN 12697-44:2019	Bituminous mixtures - Test methods - Part 44: Crack propagation by semi-circular bending test
6.	EN 13880-6:2019	Hot applied joint sealants - Part 6: Method for the preparation of samples for testing
7.	ISO 12180-1:2011	Geometrical product specifications (GPS) – Cylindricity - Part 1: Vocabulary and parameters of cylindrical form
8.	ISO 13565-3:1998	Geometrical Product Specifications (GPS) - Surface texture: Profile method; Surfaces having stratified functional properties - Part 3: Height characterization using the material probability curve
9.	ISO 13565-2:1996	Geometrical Product Specifications (GPS) - Surface texture: Profile method; Surfaces having stratified functional properties -- Part 2: Height characterization using the linear material ratio curve
10.	ISO 13565-2:1996/Cor 1:1998	Geometrical Product Specifications (GPS) - Surface texture: Profile method; Surfaces having stratified functional properties - Part 2: Height characterization using the linear material ratio curve
11.	ISO 13565-1:1996	Geometrical Product Specifications (GPS) - Surface texture: Profile method; Surfaces having stratified functional properties - Part 1: Filtering and general measurement conditions
12.	ISO 13565-1:1996/Cor 1:1998	Geometrical Product Specifications (GPS) - Surface texture: Profile method; Surfaces having stratified functional properties - Part 1: Filtering and general measurement conditions

13.	ISO 5436-1:2000	Geometrical Product Specifications (GPS) - Surface texture: Profile method; Measurement standards - Part 1: Material measures
14.	ISO 12179:2000	Geometrical Product Specifications (GPS) - Surface texture: Profile method - Calibration of contact (stylus) instruments
15.	ISO 12085:1996	Geometrical Product Specifications (GPS) - Surface texture: Profile method - Motif parameters
16.	ISO 12085:1996/Cor 1:1998	Geometrical Product Specifications (GPS) - Surface texture: Profile method - Motif parameters

**Technical Committee No. 360 “ Fresh fruit and vegetables”, 7 standards**

No.	Standard Number	Standard Title
1.	EN 15587:2018	Cereal and cereal products - Determination of Besatz in wheat ( <i>Triticum aestivum</i> L.), durum wheat ( <i>Triticum durum</i> Desf.), rye ( <i>Secale cereale</i> L.), triticale ( <i>Triticosecale</i> Wittmack spp) and feed barley ( <i>Hordeum vulgare</i> L.)
2.	EN ISO 7971-2:2019	Cereals - Determination of bulk density, called mass per hectolitre - Part 2: Method of traceability for measuring instruments through reference to the international standard instrument (ISO/FDIS 7971-2:2018)
3.	EN ISO 7971-3:2019	Cereals - Determination of bulk density, called mass per hectolitre - Part 3: Routine method (ISO 7971-3:2019)
4.	CEN/TR 17341:2019	Bio-based products - Examples of reporting on sustainability criteria
5.	EN 16785-2:2018	Bio-based products - Bio-based content - Part 2: Determination of the bio-based content using the material balance method
6.	EN ISO 34101-3:2019	Sustainable and traceable cocoa - Part 3: Requirements for traceability (ISO 34101-3:2019)
7.	EN ISO 34101-4:2019	Sustainable and traceable cocoa - Part 4: Requirements for certification schemes (ISO 34101-4:2019)