

# ISO Update

Supplement to ISOfocus

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**February 2017**

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# International Standards in process

An International Standard is the result of an agreement between the member bodies of ISO. A first important step towards an International Standard takes the form of a committee draft (CD) - this is circulated for study within an ISO technical committee. When consensus has been reached within the technical committee, the document is sent to the Central Secretariat for processing as a draft International Standard (DIS). The DIS requires approval by at least 75 % of the member bodies casting a vote. A confirmation vote is subsequently carried out on a final draft International Standard (FDIS), the approval criteria remaining the same.

## CD registered

Period from 01 January to 31 January 2017

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

		ISO/DTR 15377	Measurement of fluid flow by means of pressure-differential devices — Guidelines for the specification of orifice plates, nozzles and Venturi tubes beyond the scope of ISO 5167
		<b>TC 34</b>	<b>Food products</b>
		ISO/CD 20667	Milk — Determination of acetone content by continuous flow analyzer
		ISO/CD 20668	Milk — Determination of beta-hydroxybutyric acid content by continuous flow analyzer
		<b>TC 38</b>	<b>Textiles</b>
		ISO/CD 20852	Textiles — Determination of the total heat transfer through textiles in simulated environments
		<b>TC 42</b>	<b>Photography</b>
		ISO/DTR 18945	Imaging materials — Pictorial color reflection prints — Comparison of image degradation observed between ISO 18930 accelerated weathering test method and outdoor exposure
		<b>TC 43</b>	<b>Acoustics</b>
		ISO/CD 20189-1	Acoustics — Screens furniture and single objects intended for interior use — Part 1: Rating of sound absorption and sound reduction of elements based on laboratory measurements
		<b>TC 61</b>	<b>Plastics</b>
		ISO/CD 6721-1	Plastics — Determination of dynamic mechanical properties — Part 1: General principles
		ISO/CD 6721-2	Plastics — Determination of dynamic mechanical properties — Part 2: Torsion-pendulum method
		ISO/CD 6721-4	Plastics — Determination of dynamic mechanical properties — Part 4: Tensile vibration — Non-resonance method
		ISO/CD 6721-5	Plastics — Determination of dynamic mechanical properties — Part 5: Flexural vibration — Non-resonance method
		ISO/CD 6721-6	Plastics — Determination of dynamic mechanical properties — Part 6: Shear vibration — Non-resonance method
		ISO/CD 6721-7	Plastics — Determination of dynamic mechanical properties — Part 7: Torsional vibration — Non-resonance method
		<b>TC 76</b>	<b>Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use</b>
		ISO/CD 11040-6	Prefilled syringes — Part 6: Plastic barrels for injectables and sterilized subassembled syringes ready for filling
		<b>TC 85</b>	<b>Nuclear energy, nuclear technologies, and radiological protection</b>
		ISO/CD 20046	Radiological protection - Performance criteria for laboratories using fluorescence in Situ Hybridization (FISH) translocation assay for assessment of overexposure to ionizing radiation
		ISO/CD 20890-1	In-service inspections for primary coolant circuit components of light water reactors — Part 1: Mechanized ultrasonic testing
		ISO/CD 20890-2	In-service inspections for primary coolant circuit components of light water reactors — Part 2: Magnetic particle testing and penetrant testing
		ISO/CD 20890-3	In-service inspections for primary coolant circuit components of light water reactors — Part 3: Hydrostatic testing
<b>TC 10</b>	<b>Technical product documentation</b>		
ISO/CD 20719-1	Technical product documentation (TPD) — Technical product data set and presentation of 3D annotated models — Part 1: General principles and terms		
<b>TC 17</b>	<b>Steel</b>		
ISO/CD 5948	Railway rolling stock material — Ultrasonic acceptance testing		
<b>TC 20</b>	<b>Aircraft and space vehicles</b>		
ISO/CD 9206	Aerospace series — Constant displacement hydraulic motors — General specifications		
ISO/CD 23041	Space systems — Unmanned spacecraft operational procedures — Documentation		
<b>TC 22</b>	<b>Road vehicles</b>		
ISO/CD 20934	Fuse-links with axial terminals for use in 48V networks — Type SFxx-48V		
<b>TC 23</b>	<b>Tractors and machinery for agriculture and forestry</b>		
ISO/CD 21191	Equipment for Crop Protection — Closed Chemical Transfer Systems (CTS) — Performance Specification		
ISO/CD 7714	Agricultural irrigation equipment — Volumetric valves — General requirements and test methods		
ISO/CD 9644	Agricultural irrigation equipment — Pressure losses in irrigation valves — Test method		
ISO/CD 9912-4	Agricultural irrigation equipment — Filters for microirrigation — Part 4: Granulated media filters		
<b>TC 30</b>	<b>Measurement of fluid flow in closed conduits</b>		
ISO/DTR 3313	Measurement of fluid flow in closed conduits — Guidelines on the effects of flow pulsations on flow-measurement instruments		

ISO/CD 20890-4	In-service inspections for primary coolant circuit components of light water reactors — Part 4: Visual testing	ISO/CD 22390	Timber structures — Laminated veneer lumber — Structural properties
ISO/CD 20890-5	In-service inspections for primary coolant circuit components of light water reactors — Part 5: Eddy current testing of steam generator heating tubes	<b>TC 172</b>	<b>Optics and photonics</b>
ISO/CD 20890-6	In-service inspections for primary coolant circuit components of light water reactors — Part 6: Radiographic testing	ISO/CD 9345	Microscopes — Interfacing dimensions for imaging components
<b>TC 107</b>	<b>Metallic and other inorganic coatings</b>	ISO/CD 19056-2	Microscopes — Definition and measurement of illumination properties — Part 2: Illumination properties related to the color in bright field light microscopy
ISO/CD 14713-2	Zinc coatings — Guidelines and recommendations for the protection against corrosion of iron and steel in structures — Part 2: Hot dip galvanizing	ISO/CD 16672	Ophthalmic implants — Ocular endotamponades
<b>TC 108</b>	<b>Mechanical vibration, shock and condition monitoring</b>	ISO/DTR 20772	Ophthalmic optics — Spectacle lenses — Short wavelength visible solar radiation and the eye
ISO 10819:2013/ CD Amd 1	Mechanical vibration and shock — Hand-arm vibration — Measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand — Amendment 1	<b>TC 174</b>	<b>Jewellery</b>
<b>TC 113</b>	<b>Hydrometry</b>	ISO/CD 8654	Colours of gold alloys — Definition, range of colours and designation
ISO/CD 1070	Liquid flow measurement in open channels — Slope-area method	<b>TC 190</b>	<b>Soil quality</b>
<b>TC 126</b>	<b>Tobacco and tobacco products</b>	ISO/CD 21226	Soil quality — Guideline for the screening of soil polluted with toxic elements using soil magnetometry
ISO/CD 21160	Cigarettes — Determination of selected carbonyls in the mainstream smoke of cigarettes — Method using High Performance Liquid Chromatography	<b>TC 192</b>	<b>Gas turbines</b>
ISO/CD 21330	Cigarettes — Determination of selected volatile organic compounds in the mainstream smoke of cigarettes — Method using GC-MS	ISO/CD 10494	Gas turbines and gas turbine sets — Measurement of emitted airborne noise — Engineering/survey method
<b>TC 130</b>	<b>Graphic technology</b>	<b>TC 193</b>	<b>Natural gas</b>
ISO/CD 19302	Graphic technology — Colour conformity assessment of printed products	ISO/CD 20676	Natural gas — Upstream area — Determination of hydrogen sulfide content by laser absorption spectroscopy
ISO/CD 20616-2	Graphic technology — File format for quality control and metadata — Part 2: Print quality exchange (PQX)	<b>TC 198</b>	<b>Sterilization of health care products</b>
<b>TC 131</b>	<b>Fluid power systems</b>	ISO/DTS 19930	Guidance on aspects of a risk-based approach to assuring sterility of terminally-sterilized, single-use health care products
ISO 19973-2:2015/CD Amd 1	Pneumatic fluid power — Assessment of component reliability by testing — Part 2: Directional control valves — Amendment 1	<b>TC 202</b>	<b>Microbeam analysis</b>
ISO/CD 10763	Hydraulic fluid power — Plain-end, seamless and welded precision steel tubes — Dimensions and nominal working pressures	ISO/CD 20720	Microbeam analysis - Methods of the specimen preparation for analysis of general powders using WDS and EDS
ISO/CD 2942	Hydraulic fluid power — Filter elements — Verification of fabrication integrity and determination of the first bubble point	<b>TC 204</b>	<b>Intelligent transport systems</b>
<b>TC 134</b>	<b>Fertilizers and soil conditioners</b>	ISO/CD 19414	Intelligent transport systems — Service architecture of probe vehicle systems
ISO/CD 20977	Determination of size distribution by dry and wet sieving	ISO/CD 20035	Intelligent transport systems — Cooperative adaptive cruise control (CACC) — Operation, performance and verification requirements
<b>TC 146</b>	<b>Air quality</b>	ISO/DTR 20529-1	Intelligent transport systems — Framework for green ITS (G-ITS) standards — Part 1: General information and use cases definition
ISO/CD 12219-8	Interior air of road vehicles — Part 8: Handling and packaging of materials and components for emissions testing	<b>TC 215</b>	<b>Health informatics</b>
<b>TC 147</b>	<b>Water quality</b>	ISO/CD 13120	Health informatics — Syntax to represent the content of healthcare classification systems — Classification Markup Language (ClAML)
ISO/CD 20596-2	Water quality — Determination of cyclic volatile methylsiloxanes in water — Part 2: Method using liquid-liquid extraction with gas chromatography-mass spectrometry (GC-MS)	ISO/DTS 21564	Health Informatics — Terminology resource map quality measures (MapQual)
<b>TC 161</b>	<b>Controls and protective devices for gas and/or oil</b>	<b>TC 228</b>	<b>Tourism and related services</b>
ISO/CD 23551-4	Safety and control devices for gas burners and gas-burning appliances — Particular requirements — Part 4: Valve-proving systems for automatic shut-off valves	ISO/CD 20611	Adventure tourism — Sustainability good practices — Requirements and recommendations
<b>TC 165</b>	<b>Timber structures</b>	ISO/CD 21426	Tourism and related services — Medical spa — Service requirements
		<b>TC 282</b>	<b>Water reuse</b>
		ISO/CD 20670	Water reuse — Terminology
		<b>TC 292</b>	<b>Security and resilience</b>
		ISO/CD 22320	Security and resilience — Emergency management — Guidelines for incident response
		ISO/CD 22327	Security and resilience — Emergency management — Community-based landslide early warning system

<b>TC 301</b>	<b>Energy management and energy savings</b>
ISO/CD 50044	Energy Savings Evaluation — Economics and financial evaluation of energy saving projects
<b>JTC 1</b>	<b>Information technology</b>
ISO/IEC PDTR 22417	Information technology — Internet of things (IoT) use cases
ISO/IEC CD 26552	Software and systems engineering — Tools and methods for product line architecture design
ISO/IEC CD 26553	Information technology — Software and systems engineering — Tools and methods for product line realization
ISO/IEC CD 26556	Information technology — Software and systems engineering — Tools and methods for product line organizational management
ISO/IEC CD 26560	Software and systems engineering — Tools and methods for product line product management
ISO/IEC PDTS 33073	Information technology — Process assessment — Process capability assessment model for quality management
ISO/IEC CD 20009-3	Information technology — Security techniques — Anonymous entity authentication — Part 3: Mechanisms based on blind signatures concepts
ISO/IEC PDTS 20540	Information technology — Security techniques — Guidelines for testing cryptographic modules in their operational environment
ISO/IEC CD 20543	Information technology — Security techniques — Test and analysis methods for random bit generators within ISO/IEC 19790 and ISO/IEC 15408
ISO/IEC CD 24761	Information technology — Security techniques — Authentication context for biometrics
ISO/IEC CD 29167-21	Information technology — Automatic identification and data capture techniques — Part 21: Air interface for security services crypto suite SIMON
ISO/IEC CD 29167-22	Information technology — Automatic identification and data capture techniques — Part 22: Air interface for security services crypto suite SPECK
ISO/IEC PDTR 19583-21	Information technology — Concepts and usage of metadata — Part 21: SQL Implementation for 11179-3
ISO/IEC PDTR 19583-22	Information technology — Concepts and usage of metadata — Part 22: Registering and mapping development processes using 19763-5 and 19763-10
ISO/IEC CD 20000-1	Information technology — Service management — Part 1: Service management system requirements
ISO/IEC PDTR 22446	Information technology — Continual performance improvement of IT enabled services

They have been submitted to the ISO member bodies for voting by the date shown.

\* Available in English only

<b>TC 2</b>	<b>Fasteners</b>	
ISO/DIS 898-3	* Mechanical properties of fasteners made of carbon steel and alloy steel — Part 3: Washers	2017-04-20
<b>TC 4</b>	<b>Rolling bearings</b>	
ISO/DIS 5593	* Rolling bearings — Vocabulary	2017-04-10
	(Revision of ISO 5593:1997, ISO 5593:1997/Amd 1:2007)	
<b>TC 6</b>	<b>Paper, board and pulps</b>	
ISO/DIS 20494	* Paper — Requirements for stability for general graphic applications	2017-04-14
<b>TC 8</b>	<b>Ships and marine technology</b>	
ISO/DIS 17339	* Ships and marine technology — Life saving and fire protection — Sea anchors for survival craft and rescue boats	2017-04-11
	(Revision of ISO 17339:2002)	
<b>TC 12</b>	<b>Quantities and units</b>	
ISO/DIS 80000-9	* Quantities and units — Part 9: Physical chemistry and molecular physics	2017-03-28
	(Revision of ISO 80000-9:2009, ISO 80000-9:2009/Amd 1:2011)	
ISO/DIS 80000-11	* Quantities and units — Part 11: Characteristic numbers	2017-03-28
	(Revision of ISO 80000-11:2008)	
<b>TC 17</b>	<b>Steel</b>	
ISO/DIS 15461	* Steel forgings — Testing frequency, sampling conditions and test methods for mechanical tests	2017-04-18
ISO/DIS 10144	* Steels for the reinforcement and prestressing of concrete — Certification scheme for steel bars and wires	2017-04-17
	(Revision of ISO 10144:1991)	
ISO/DIS 15630-1	* Steel for the reinforcement and prestressing of concrete — Test methods — Part 1: Reinforcing bars, wire rod and wire	2017-04-18
	(Revision of ISO 15630-1:2010)	
ISO/DIS 15630-2	* Steel for the reinforcement and prestressing of concrete — Test methods — Part 2: Welded fabric and lattice girder	2017-04-18
	(Revision of ISO 15630-2:2010)	
ISO/DIS 15630-3	* Steel for the reinforcement and prestressing of concrete — Test methods — Part 3: Prestressing steel	2017-04-18
	(Revision of ISO 15630-3:2010)	

## DIS circulated

Period from 01 January to 31 January 2017

These documents have obtained substantial support within the appropriate ISO technical committee.

ISO/DIS 15835-1	*	Steels for the reinforcement of concrete — Reinforcement couplers for mechanical splices of bars — Part 1: Requirements (Revision of ISO 15835-1:2009)	2017-04-18	ISO/DIS 12405-4	*	Electrically propelled road vehicles --Test specification for lithium-ion traction battery packs and systems — Part 4: Performance testing	2017-04-24
ISO/DIS 15835-2	*	Steels for the reinforcement of concrete — Reinforcement couplers for mechanical splices of bars — Part 2: Test methods (Revision of ISO 15835-2:2009)	2017-04-18	ISO/DIS 16673	*	Road vehicles — Ergonomic aspects of transport information and control systems — Occlusion method to assess visual demand due to the use of in-vehicle systems (Revision of ISO 16673:2007)	2017-03-29
ISO/DIS 15835-3	*	Steels for the reinforcement of concrete — Reinforcement couplers for mechanical splices of bars — Part 3: Conformity assessment scheme	2017-04-18	ISO/DIS 12619-7	*	Road vehicles — Compressed gaseous hydrogen (CGH <sub>2</sub> ) and hydrogen/natural gas blends fuel system components — Part 7: Gas injector	2017-04-10
<b>TC 20</b>		<b>Aircraft and space vehicles</b>		<b>TC 23</b>		<b>Tractors and machinery for agriculture and forestry</b>	
ISO/DIS 21100	*	Aircraft ground equipment — Performance requirements and test parameters (Revision of ISO 21100:2014)	2017-03-28	ISO 5395-1:2013/DAMd 1	*	Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 1: Terminology and common tests — Amendment 1: Annex G (Vibration test code — Hand-arm vibration and Whole-body vibration)	2017-03-29
ISO/DIS 19924	*	Space systems — Acoustic testing	2017-03-30	ISO/DIS 25119-1	*	Tractors and machinery for agriculture and forestry — Safety-related parts of control systems — Part 1: General principles for design and development (Revision of ISO 25119-1:2010)	2017-03-29
ISO/DIS 20188	*	Space systems — Product assurance requirements for commercial satellites	2017-04-07	ISO/DIS 25119-2	*	Tractors and machinery for agriculture and forestry — Safety-related parts of control systems — Part 2: Concept phase (Revision of ISO 25119-2:2010)	2017-03-29
ISO/DIS 20892	*	Space systems — Launch complexes modernization process — General requirements	2017-04-07	ISO/DIS 25119-3	*	Tractors and machinery for agriculture and forestry — Safety-related parts of control systems — Part 3: Series development, hardware and software (Revision of ISO 25119-3:2010)	2017-03-29
ISO/DIS 23038	*	Space systems — Space solar cells — Electron and proton irradiation test methods (Revision of ISO 23038:2006)	2017-04-13	ISO/DIS 25119-4	*	Tractors and machinery for agriculture and forestry — Safety-related parts of control systems — Part 4: Production, operation, modification and supporting processes (Revision of ISO 25119-4:2010)	2017-03-29
<b>TC 21</b>		<b>Equipment for fire protection and fire fighting</b>		<b>TC 24</b>		<b>Particle characterization including sieving</b>	
ISO/DIS 8201.2	*	Acoustics — Audible and other emergency evacuation signals (Revision of ISO 8201:1987)	2017-03-27	ISO/DIS 18747-1	*	Determination of particle density by sedimentation methods — Part 1: Isopycnic interpolation approach	2017-04-10
<b>TC 22</b>		<b>Road vehicles</b>		<b>TC 28</b>		<b>Petroleum and related products, fuels and lubricants from natural or synthetic sources</b>	
ISO/DIS 16845-2	*	Road vehicles — Controller area network (CAN) conformance test plan — Part 2: High-speed medium access unit — Conformance test plan (Revision of ISO 16845-2:2014)	2017-04-24	ISO/DIS 15029-2	*	Petroleum and related products — Determination of spray ignition characteristics of fire-resistant fluids — Part 2: Spray test — Stabilized flame heat release method (Revision of ISO/TS 15029-2:2012)	2017-04-20
ISO/DIS 7638-1	*	Road vehicles — Connectors for the electrical connection of towing and towed vehicles — Part 1: Connectors for braking systems and running gear of vehicles with 24 V nominal supply voltage (Revision of ISO 7638-1:2003)	2017-04-24				
ISO/DIS 7638-2	*	Road vehicles — Connectors for the electrical connection of towing and towed vehicles — Part 2: Connectors for braking systems and running gear of vehicles with 12 V nominal supply voltage (Revision of ISO 7638-2:2003)	2017-04-24				
ISO/DIS 6469-2	*	Electrically propelled road vehicles — Safety specifications element — Part 2: Vehicle operational safety (Revision of ISO 6469-2:2009)	2017-04-24				

ISO/DIS 20623	*	Petroleum and related products — Determination of the extreme-pressure and anti-wear properties of lubricants — Four-ball method (European conditions) (Revision of ISO 20623:2003)	2017-04-21	ISO/DIS 19817	*	Essential oil of thyme [ <i>Thymus vulgaris</i> L. and <i>Thymus zygis</i> L.], thymol type  (Revision of ISO 14715:2010)	2017-05-08
<b>TC 33 Refractories</b>				<b>TC 61 Plastics</b>			
ISO/DIS 2714	*	Liquid hydrocarbons — Volumetric measurement by displacement meter  (Revision of ISO 2714:1980)	2017-04-05	ISO/DIS 4582.2	*	Plastics — Determination of changes in colour and variations in properties after exposure to daylight under glass, natural weathering or laboratory light sources (Revision of ISO 4582:2007)	2017-03-20
ISO/DIS 2715	*	Liquid hydrocarbons — Volumetric measurement by turbine flowmeter  (Revision of ISO 2715:1981)	2017-04-05	ISO/DIS 21309-1	*	Plastics — Ethylene/vinyl alcohol (EVOH) copolymer moulding and extrusion materials — Part 1: Designation system and basis for specifications (Revision of ISO 14663-1:1999)	
<b>TC 33 Refractories</b>				<b>TC 68 Financial services</b>			
ISO/DIS 16169	*	Preparation of silicon carbide and similar materials for analysis by ISO 12677 X-ray fluorescence (XRF) — Fused cast-bead method	2017-04-17	ISO/DIS 21188	*	Public key infrastructure for financial services — Practices and policy framework  (Revision of ISO 15782-2:2001, ISO 21188:2006, ISO 15782-1:2009)	2017-04-21
<b>TC 34 Food products</b>				<b>TC 70 Internal combustion engines</b>			
ISO/DIS 34101-4	*	Sustainable and traceable cocoa beans — Part 4: Requirements for certification schemes	2017-04-20	ISO/DIS 2710-1	*	Reciprocating internal combustion engines — Vocabulary — Part 1: Terms for engine design and operation (Revision of ISO 2710-1:2000)	
<b>TC 38 Textiles</b>				<b>TC 76 Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use</b>			
ISO/DIS 12138	*	Textiles — Domestic laundering procedures for textile fabrics prior to flammability testing  (Revision of ISO 12138:1996)	2017-04-14	ISO/DIS 13926-2	*	Pen systems — Part 2: Plunger stoppers for pen-injectors for medical use  (Revision of ISO 13926-2:2011, ISO 13926-2:2011/Amd 1:2015)	2017-04-17
<b>TC 43 Acoustics</b>				<b>TC 83 Sports and other recreational facilities and equipment</b>			
ISO/DIS 4869-6	*	Acoustics — Hearing protectors — Part 6: Determination of sound attenuation of active noise reduction earmuffs	2017-04-19	ISO/DIS 6003	*	Alpine skis — Determination of mass and polar moment of inertia — Laboratory measurement method (Revision of ISO 6003:1984)	2017-03-31
ISO 11200:2014/DAmD 1	*	Acoustics — Noise emitted by machinery and equipment — Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions — Amendment 1	2017-04-14	ISO/DIS 7138	*	Cross-country skis — Determination of mass and location of balance point  (Revision of ISO 7138:1984)	2017-03-31
<b>TC 44 Welding and allied processes</b>				<b>TC 85 Nuclear energy, nuclear technologies, and radiological protection</b>			
ISO/DIS 26304	*	Welding consumables — Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of high strength steels — Classification (Revision of ISO 26304:2011)	2017-03-28	ISO/DIS 7139	*	Cross-country skis — Determination of elastic properties  (Revision of ISO 7139:1984)	2017-03-31
ISO/DIS 13916	*	Welding — Guidance on the measurement of preheating temperature, interpass temperature and preheat maintenance temperature (Revision of ISO 13916:1996)	2017-04-12	ISO/DIS 7798	*	Cross-country skis — Determination of fatigue indexes — Cyclic loading test  (Revision of ISO 7798:1984)	2017-03-31
<b>TC 45 Rubber and rubber products</b>							
ISO/DIS 2004	*	Natural rubber latex concentrate — Centrifuged or creamed, ammonia-preserved types — Specifications (Revision of ISO 2004:2010)	2017-04-14				
<b>TC 54 Essential oils</b>							

ISO/ASTM DIS 51538	*	Practice for use of the ethanol-chlorobenzene dosimetry system  (Revision of ISO/ASTM 51538:2009)		ISO/DIS 20523	*	Carbon based films — Classification and designations	2017-05-11
ISO/DIS 16793		Nuclear fuel technology — Guide for ceramographic preparation of UO <sub>2</sub> sintered pellets for micro-structure examination (Revision of ISO 16793:2005, ISO 16793:2005/CD Amd 1)	2017-04-14	<b>TC 130</b>		<b>Graphic technology</b>	
ISO/DIS 18229	*	Essential technical requirements for mechanical components and metallic structures foreseen for Generation IV Nuclear Reactors	2017-04-24	ISO/DIS 20690		Graphic technology — Determination of the operating power consumption of digital printing devices	2017-04-22
ISO/DIS 19226	*	Nuclear energy — Determination of neutron fluence and displacement per atom (dpa) in reactor vessel and internals	2017-04-18	<b>TC 138</b>		<b>Plastics pipes, fittings and valves for the transport of fluids</b>	
<b>TC 87</b>		<b>Cork</b>		ISO/DIS 4065	*	Thermoplastics pipes — Universal wall thickness table  (Revision of ISO 4065:1996)	2017-04-05
ISO/DIS 1216	*	Boiled reproduction cork — Grading, classification and packing  (Revision of ISO 1216:1998)	2017-04-06	ISO/DIS 11922-1	*	Thermoplastics pipes for the conveyance of fluids — Dimensions and tolerances — Part 1: Metric series (Revision of ISO 11922-1:1997)	2017-04-05
<b>TC 89</b>		<b>Wood-based panels</b>		ISO 13260:2010/DAmd 1	*	Thermoplastics piping systems for non-pressure underground drainage and sewerage — Test method for resistance to combined temperature cycling and external loading — Amendment 1	2017-03-31
ISO/DIS 12460-2	*	Wood-based panels — Determination of formaldehyde release — Part 2: Small-scale chamber method	2017-03-31	ISO/DIS 6964	*	Polyolefin pipes and fittings — Determination of carbon black content by calcination and pyrolysis — Test method (Revision of ISO 6964:1986)	
<b>TC 94</b>		<b>Personal safety -- Protective clothing and equipment</b>		ISO/DIS 10146	*	Crosslinked polyethylene (PE-X and PE-MDX) — Effect of time and temperature on expected strength (Revision of ISO 10146:1997)	2017-04-06
ISO/DIS 18640-1.2	*	Protective clothing for firefighters — Physiological impact — Part 1: Measurement of coupled heat and moisture transfer with the sweating TORSO	2017-03-17	<b>TC 147</b>		<b>Water quality</b>	
ISO/DIS 18640-2.2	*	Protective clothing for firefighters — Physiological impact — Part 2: Determination of physiological heat load caused by protective clothing worn by firefighters	2017-03-17	ISO/DIS 7393-2	*	Water quality — Determination of free chlorine and total chlorine — Part 2: Colorimetric method using N,N-diethyl-1,4-phenylenediamine, for routine control purposes (Revision of ISO 7393-2:1985)	2017-04-21
<b>TC 96</b>		<b>Cranes</b>		<b>TC 150</b>		<b>Implants for surgery</b>	
ISO/DIS 4309.2	*	Cranes — Wire ropes — Care and maintenance, inspection and discard (Revision of ISO 4309:2010)		ISO/DIS 5832-2	*	Implants for surgery — Metallic materials — Part 2: Unalloyed titanium  (Revision of ISO 5832-2:1999)	2017-05-01
ISO/DIS 8686-3	*	Cranes — Design principles for loads and load combinations — Part 3: Tower cranes  (Revision of ISO 8686-3:1998)	2017-03-31	ISO/DIS 14243-5	*	Implants for surgery — Wear of total knee prostheses — Part 5: Durability performance of the patellofemoral joint — Loading and displacement parameters for testing machines and corresponding environmental conditions for test	2017-04-25
<b>TC 104</b>		<b>Freight containers</b>		<b>TC 156</b>		<b>Corrosion of metals and alloys</b>	
ISO/DIS 3874	*	Series 1 freight containers — Handling and securing  (Revision of ISO 3874:1997, ISO 3874:1997/Amd 1:2000, ISO 3874:1997/Amd 2:2002, ISO 3874:1997/Amd 3:2005, ISO 3874:1997/Amd 4:2007)	2017-04-20	ISO/DIS 19097-1	*	Accelerated life test method of mixed metal oxide anodes for cathodic protection — Part 1: Application in concrete	2017-04-24
<b>TC 107</b>		<b>Metallic and other inorganic coatings</b>		ISO/DIS 19097-2	*	Accelerated life test method of mixed metal oxide anodes for cathodic protection — Part 2: Application in soils and natural waters	2017-04-24
ISO/DIS 14918	*	Thermal spraying — Qualification testing of thermal sprayers  (Revision of ISO 14918:1998)	2017-04-24				

<b>TC 168</b>	<b>Prosthetics and orthotics</b>			(Revision of ISO 29301:2010)
ISO/DIS 21063	* Prosthetics and orthotics — Soft orthoses — Uses, functions, classification and description	2017-04-04		
ISO/DIS 21064	* Prosthetics and orthotics — Foot orthotics — Uses, functions classification and description	2017-04-04		
ISO/DIS 21065	* Prosthetics and orthotics — Terms relating to the treatment and rehabilitation of persons having a lower limb amputation	2017-04-04		
<b>TC 171</b>	<b>Document management applications</b>			
ISO/DIS 24517-2.2	Document management — Engineering document format using PDF — Part 2: Use of ISO 32000-2 including support for long-term preservation (PDF/E-2)	2017-04-20		
<b>TC 172</b>	<b>Optics and photonics</b>			
ISO/DIS 11979-10	* Ophthalmic implants — Intraocular lenses — Part 10: Clinical investigations of intraocular lenses for correction of ametropia in phakic eyes (Revision of ISO 11979-10:2006, ISO 11979-10:2006/Amd 1:2014)	2017-04-17		
ISO/DIS 11981	* Ophthalmic optics — Contact lenses and contact lens care products — Determination of physical compatibility of contact lens care products with contact lenses (Revision of ISO 11981:2009)	2017-04-14		
<b>TC 185</b>	<b>Safety devices for protection against excessive pressure</b>			
ISO/DIS 4126-2	* Safety devices for protection against excessive pressure — Part 2: Bursting disc safety devices (Revision of ISO 4126-2:2003)	2017-04-07		
<b>TC 198</b>	<b>Sterilization of health care products</b>			
ISO/DIS 25424	* Sterilization of health care products — Low temperature steam and formaldehyde — Requirements for development, validation and routine control of a sterilization process for medical devices (Revision of ISO 25424:2009)	2017-04-06		
<b>TC 201</b>	<b>Surface chemical analysis</b>			
ISO/DIS 20289	* Surface chemical analysis — Total reflection X-ray fluorescence analysis of water	2017-04-18		
<b>TC 202</b>	<b>Microbeam analysis</b>			
ISO/DIS 25498	* Microbeam analysis — Analytical electron microscopy — Selected-area electron diffraction analysis using a transmission electron microscope (Revision of ISO 25498:2010)	2017-04-06		
ISO/DIS 29301	* Microbeam analysis — Analytical transmission electron microscopy — Methods for calibrating image magnification by using reference materials having periodic structures	2017-04-06		
<b>TC 204</b>	<b>Intelligent transport systems</b>			
ISO/DIS 16407-1	* Electronic fee collection — Evaluation of equipment for conformity to ISO/TS 17575-1 — Part 1: Test suite structure and test purposes (Revision of ISO/TS 16407-1:2011)	2017-04-07		
ISO/DIS 25110	* Electronic fee collection — Interface definition for on-board account using integrated circuit card (ICC) (Revision of ISO/TS 25110:2013)	2017-04-07		
<b>TC 205</b>	<b>Building environment design</b>			
ISO/DIS 11855-6	* Building environment design — Design, dimensioning, installation and control of embedded radiant heating and cooling systems — Part 6: Control (Revision of ISO 11855-6:2012)	2017-03-27		
<b>TC 206</b>	<b>Fine ceramics</b>			
ISO/DIS 20351	* Fine ceramics (advanced ceramics, advanced technical ceramics) — Absolute measurement of internal quantum efficiency of phosphors for white light emitting diodes using an integrating sphere	2017-04-07		
ISO/DIS 20407	* Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for interfacial tensile and shear fatigue properties of ceramic joining at constant amplitude	2017-04-07		
<b>TC 213</b>	<b>Dimensional and geometrical product specifications and verification</b>			
ISO/DIS 14978	* Geometrical product specifications (GPS) — General concepts and requirements for GPS measuring equipment (Revision of ISO 14978:2006, ISO 14978:2006/Cor 1:2008)	2017-06-05		
<b>TC 216</b>	<b>Footwear</b>			
ISO/DIS 20150	* Footwear and footwear components — Quantitative challenge test method to assess antifungal activity	2017-05-04		
ISO/DIS 20536	* Footwear — Critical substances potentially present in footwear and footwear components — Determination of phenol in footwear materials	2017-04-06		
<b>TC 227</b>	<b>Springs</b>			
ISO/DIS 19690-2	* Disc springs — Part 2: Technical specifications	2017-04-14		
<b>TC 238</b>	<b>Solid biofuels</b>			
ISO/DIS 20023	* Solid biofuels — Safety of solid biofuel pellets — Safe handling and storage of wood pellets in residential and other small-scale applications	2017-04-14		
<b>TC 270</b>	<b>Plastics and rubber machines</b>			



ISO/DIS 20430	*	Plastics and rubber machines — Injection moulding machines — Safety requirements	2017-04-04	ISO/IEC 14496-30:2014/DAmD 1	*	Information technology — Coding of audio-visual objects — Part 30: Timed text and other visual overlays in ISO base media file format — Amendment 1: Support for CTA-708 captioning in SEI messages	2017-03-30
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ISO/IEC DIS 24570	*	Software engineering — NESMA functional size measurement method — Definitions and counting guidelines for the application of function point analysis (Revision of ISO/IEC 24570:2005)	2017-03-31	ISO/IEC 21000-19:2010/DAmD 1	*	Information technology — Multimedia framework (MPEG-21) — Part 19: Media Value Chain Ontology — Amendment 1: Extensions on time-segments and multi-track audio	2017-03-27
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ISO/IEC 11770-3:2015/DAmD 1	*	Information technology — Security techniques — Key management — Part 3: Mechanisms using asymmetric techniques — Amendment 1: Blinded Diffie-Hellman key agreement	2017-04-14	ISO/IEC DIS 23008-6	*	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 6: 3D Audio reference software	2017-03-31
ISO/IEC 18033-2:2006/DAmD 1	*	Information technology — Security techniques — Encryption algorithms — Part 2: Asymmetric ciphers — Amendment 1: FACE	2017-04-05	ISO/IEC DIS 23009-6	*	Information technology — Dynamic adaptive streaming over HTTP (DASH) — Part 6: DASH with server push and websockets	2017-03-30
ISO/IEC DIS 27007	*	Information technology — Security techniques — Guidelines for information security management systems auditing (Revision of ISO/IEC 27007:2011)	2017-03-31	ISO/IEC 29170-2:2015/DAmD 1	*	Information technology — Advanced image coding and evaluation — Part 2: Evaluation procedure for nearly lossless coding — Amendment 1: Parameters for nearly lossless coding of high dynamic range media	2017-04-03
ISO/IEC DIS 27019	*	Information technology — Security techniques — Information security controls for the energy utility industry (Revision of ISO/IEC TR 27019:2013)	2017-03-31	ISO/IEC 29170-2:2015/DAmD 2	*	Information technology — Advanced image coding and evaluation — Part 2: Evaluation procedure for nearly lossless coding — Amendment 2: Evaluation procedure for nearly lossless coding of image sequences	2017-04-03
ISO/IEC DIS 27021	*	Information technology — Security techniques — Competence requirements for information security management systems professionals	2017-03-31	ISO/IEC DIS 21277	*	Information technology — Radio frequency identification device performance test methods — Crypto suite	2017-04-05
ISO/IEC DIS 27034-3	*	Information technology — Application security — Part 3: Application security management process	2017-04-05	ISO/IEC DIS 19794-13	*	Information technology — Biometric data interchange formats — Part 13: Voice data	2017-04-18
ISO/IEC DIS 29003	*	Information technology — Security techniques — Identity proofing	2017-04-04				
ISO/IEC 29115:2013/DAmD 1	*	Information technology — Security techniques — Entity authentication assurance framework — Amendment 1	2017-04-14				
ISO/IEC 14496-12:2015/DAmD 2	*	Information technology — Coding of audio-visual objects — Part 12: ISO base media file format — Amendment 2: Support for image file format	2017-03-30				
ISO/IEC 14496-27:2009/DAmD 7	*	Information technology — Coding of audio-visual objects — Part 27: 3D Graphics conformance — Amendment 7: Printing material and 3D graphics coding for browsers conformance	2017-03-30				

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## FDIS circulated

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Period from 01 January to 31 January 2017

These Final draft International Standards have been submitted to the ISO member bodies for formal approval by the date shown

\* Available in English only

		Vote terminates			
<b>TC 4</b>	<b>Rolling bearings</b>			<b>TC 34</b>	<b>Food products</b>
ISO/FDIS 15243	* Rolling bearings — Damage and failures — Terms, characteristics and causes  (Revision of ISO 15243:2004)	2017-03-01		ISO/FDIS 11290-1	* Microbiology of the food chain — Horizontal method for the detection and enumeration of <i>Listeria monocytogenes</i> and other <i>Listeria</i> spp. — Part 1: Detection method (Revision of ISO 11290-1:1996, ISO 11290-1:1996/Amd 1:2004)
<b>TC 17</b>	<b>Steel</b>			ISO/FDIS 11290-2	* Microbiology of the food chain — Horizontal method for the detection and enumeration of <i>Listeria monocytogenes</i> and of <i>Listeria</i> spp. — Part 2: Enumeration method (Revision of ISO 11290-2:1998, ISO 11290-2:1998/Amd 1:2004)
ISO/FDIS 16120-1	* Non-alloy steel wire rod for conversion to wire — Part 1: General requirements  (Revision of ISO 16120-1:2011)	2017-03-17		ISO/FDIS 21528-1	* Microbiology of the food chain — Horizontal methods for the detection and enumeration of Enterobacteriaceae — Part 1: Detection of Enterobacteriaceae (Revision of ISO 21528-1:2004)
ISO/FDIS 16120-4	* Non-alloy steel wire rod for conversion to wire — Part 4: Specific requirements for wire rod for special applications (Revision of ISO 16120-4:2011)	2017-03-17		ISO/FDIS 21528-2	* Microbiology of the food chain — Horizontal methods for the detection and enumeration of Enterobacteriaceae — Part 2: Colony-count method (Revision of ISO 21528-2:2004)
ISO/FDIS 377	* Steel and steel products — Location and preparation of samples and test pieces for mechanical testing (Revision of ISO 377:2013)	2017-04-25			
<b>TC 20</b>	<b>Aircraft and space vehicles</b>			<b>TC 43</b>	<b>Acoustics</b>
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ISO/FDIS 18170	* Aerospace series — AC induction electric motor driven, variable delivery, hydraulic pumps — General requirements	2017-03-24		ISO/FDIS 12354-2	* Building acoustics — Estimation of acoustic performance of buildings from the performance of elements — Part 2: Impact sound insulation between rooms (Revision of ISO 15712-2:2005)
ISO/FDIS 18487-1	* Aerospace series — Titanium tube for 35 MPa operating pressure — Part 1: Inch series	2017-03-11		ISO/FDIS 12354-3	* Building acoustics — Estimation of acoustic performance of buildings from the performance of elements — Part 3: Airborne sound insulation against outdoor sound (Revision of ISO 15712-3:2005)
<b>TC 21</b>	<b>Equipment for fire protection and fire fighting</b>			ISO/FDIS 12354-4	* Building acoustics — Estimation of acoustic performance of buildings from the performance of elements — Part 4: Transmission of indoor sound to the outside (Revision of ISO 15712-4:2005)
ISO/FDIS 21927-7	* Smoke and heat control systems — Part 7: Smoke ducts sections	2017-03-25		ISO/FDIS 18405	* Underwater acoustics — Terminology
ISO/FDIS 21927-8	* Smoke and heat control systems — Part 8: Smoke control dampers	2017-03-25		ISO/FDIS 18406	* Underwater acoustics — Measurement of radiated underwater sound from percussive pile driving
<b>TC 27</b>	<b>Solid mineral fuels</b>			<b>TC 44</b>	<b>Welding and allied processes</b>
ISO/FDIS 14180	* Solid mineral fuels — Guidance on the sampling of coal seams  (Revision of ISO 14180:1998)	2017-03-03		ISO/FDIS 15614-1	* Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys
<b>TC 28</b>	<b>Petroleum and related products, fuels and lubricants from natural or synthetic sources</b>				
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ISO/FDIS 16392	* Tyres — Electrical resistance — Test method for measuring electrical resistance of tyres on a test rig	2017-03-22			

	(Revision of ISO 15614-1:2004, ISO 15614-1:2004/Cor 1:2005, ISO 15614-1:2004/Amd 1:2008)				
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ISO/FDIS 10563	* Buildings and civil engineering works — Sealants — Determination of change in mass and volume (Revision of ISO 10563:2005)	2017-03-21		ISO/FDIS 10203	* Iron ores — Determination of calcium — Flame atomic absorption spectrometric method  (Revision of ISO 10203:2015)
ISO/FDIS 16745-1	* Sustainability in buildings and civil engineering works — Carbon metric of a building during use stage — Part 1: Calculation, reporting and communication (Revision of ISO 16745:2015)	2017-03-24		ISO/FDIS 13312	* Iron ores — Determination of potassium — Flame atomic absorption spectrometric method  (Revision of ISO 13312:2006)
ISO/FDIS 16745-2	* Sustainability in buildings and civil engineering works — Carbon metric of a building during use stage — Part 2: Verification (Revision of ISO 16745:2015)	2017-03-09		<b>TC 107</b>	<b>Metallic and other inorganic coatings</b>
<b>TC 61</b>	<b>Plastics</b>			ISO/FDIS 14232-1	* Thermal spraying — Powders — Part 1: Characterization and technical supply conditions  (Revision of ISO 14232:2000)
ISO/FDIS 294-1	* Plastics — Injection moulding of test specimens of thermoplastic materials — Part 1: General principles, and moulding of multipurpose and bar test specimens (Revision of ISO 294-1:1996, ISO 294-1:1996/Amd 1:2001, ISO 294-1:1996/Amd 2:2005)	2017-03-04		<b>TC 119</b>	<b>Powder metallurgy</b>
ISO/FDIS 20568-1	* Plastics — Fluoropolymer dispersions and moulding and extrusion materials — Part 1: Designation system and basis for specifications (Revision of ISO 12086-1:2006)	2017-03-28		ISO/FDIS 4496	* Metallic powders — Determination of acid-insoluble content in iron, copper, tin and bronze powders (Revision of ISO 4496:1978)
ISO/FDIS 20568-2	* Plastics — Fluoropolymer dispersions and moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties (Revision of ISO 12086-2:2006)	2017-03-28		<b>TC 121</b>	<b>Anaesthetic and respiratory equipment</b>
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ISO/FDIS 19225	* Underground mining machines — Mobile extracting machines at the face — Safety requirements for shearer loaders and plough systems	2017-03-16		<b>TC 123</b>	<b>Plain bearings</b>
<b>TC 85</b>	<b>Nuclear energy, nuclear technologies, and radiological protection</b>			ISO/FDIS 10129	* Plain bearings — Testing of bearing metals — Resistance to corrosion by lubricants under static conditions (Revision of ISO 10129:2006)
ISO/ASTM FDIS 51205	* Practice for use of a ceric-cerous sulfate dosimetry system  (Revision of ISO/ASTM 51205:2009)	2017-03-09		ISO/FDIS 12302	* Plain bearings — Quality characteristics — Statistical process control (SPC)  (Revision of ISO 12302:1993)
<b>TC 96</b>	<b>Cranes</b>			ISO/FDIS 12308	* Plain bearings — Quality assurance of sample types — Definitions, applications and testing  (Revision of ISO 12308:1994)
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<b>TC 102</b>	<b>Iron ore and direct reduced iron</b>			ISO/FDIS 19240	* Industrial valves — Lined metal quarter turn and check valves for chemical process and related industries
ISO/FDIS 3082	* Iron ores — Sampling and sample preparation procedures  (Revision of ISO 3082:2009, ISO 3082:2009/Cor 1:2009)	2017-03-28		<b>TC 156</b>	<b>Corrosion of metals and alloys</b>
				ISO/FDIS 3651-3	* Determination of resistance to intergranular corrosion of stainless steels — Part 3: Corrosion test for low-Cr ferritic stainless steels
				ISO/FDIS 6509-2	* Corrosion of metals and alloys — Determination of dezincification resistance of copper alloys with zinc — Part 2: Assessment criteria (Revision of ISO 6509:1981)
				<b>TC 159</b>	<b>Ergonomics</b>
				ISO/FDIS 9241-333	* Ergonomics of human-system interaction — Part 333: Stereoscopic displays using glasses

<b>TC 184</b>	<b>Automation systems and integration</b>		ISO/FDIS 19611	* Traditional Chinese medicine — Air extraction cupping device	2017-03-04
ISO/FDIS 20140-5	* Automation systems and integration — Evaluating energy efficiency and other factors of manufacturing systems that influence the environment — Part 5: Environmental performance evaluation data	2017-03-03	ISO/FDIS 19614	* Traditional Chinese medicine — Pulse graph force transducer	
<b>TC 202</b>	<b>Microbeam analysis</b>		<b>TC 301</b>	<b>Energy management and energy savings</b>	
ISO/FDIS 19214	* Microbeam analysis — Analytical electron microscopy — Method of determination for apparent growth direction of wirelike crystals by transmission electron microscopy	2017-03-15	ISO/FDIS 50007	* Energy services — Guidelines for the assessment and improvement of the energy service to users	2017-03-23
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ISO/FDIS 25178-72	* Geometrical product specifications (GPS) — Surface texture: Areal — Part 72: XML file format x3p	2017-03-23	ISO/IEC FDIS 9594-3	* Information technology — Open Systems Interconnection — The Directory — Part 3: Abstract service definition (Revision of ISO/IEC 9594-3:2014)	2017-03-20
<b>TC 215</b>	<b>Health informatics</b>		ISO/IEC FDIS 9594-4	* Information technology — Open Systems Interconnection — The Directory — Part 4: Procedures for distributed operation (Revision of ISO/IEC 9594-4:2014)	2017-03-20
ISO/IEEE FDIS 11073-10422	* Health informatics — Personal health device communication — Part 10422: Device specialization — Urine analyser	2017-06-20	ISO/IEC FDIS 9594-5	* Information technology — Open Systems Interconnection — The Directory — Part 5: Protocol specifications (Revision of ISO/IEC 9594-5:2014)	2017-03-20
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ISO/FDIS 16212	* Cosmetics — Microbiology — Enumeration of yeast and mould (Revision of ISO 16212:2008)	2017-03-28	ISO/IEC FDIS 9594-7	* Information technology — Open Systems Interconnection — The Directory — Part 7: Selected object classes (Revision of ISO/IEC 9594-7:2014)	2017-03-20
ISO/FDIS 18415	* Cosmetics — Microbiology — Detection of specified and non-specified microorganisms (Revision of ISO 18415:2007)	2017-03-28	ISO/IEC FDIS 9594-8	* Information technology — Open Systems Interconnection — The Directory — Part 8: Public-key and attribute certificate frameworks (Revision of ISO/IEC 9594-8:2014)	2017-03-20
ISO/FDIS 21148	* Cosmetics — Microbiology — General instructions for microbiological examination (Revision of ISO 21148:2005, ISO 21148:2005/Cor 1:2006)	2017-03-28	ISO/IEC FDIS 9594-9	* Information technology — Open Systems Interconnection — The Directory — Part 9: Replication (Revision of ISO/IEC 9594-9:2014)	2017-03-20
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ISO/FDIS 19743	* Solid biofuels — Determination of content of heavy extraneous materials larger than 3,15 mm	2017-03-04			

ISO/IEC FDIS 19788-7	*	Information technology — Learning, education and training — Metadata for learning resources — Part 7: Bindings	2017-03-07
ISO/IEC FDIS 38505-1	*	Information technology — Governance of IT — Part 1: Application of ISO/IEC 38500 to the governance of data	2017-03-09

ISO 5395-3:2013/Amd 1:2017		Garden equipment — Safety requirements for combustion-engine-powered lawnmowers — Part 3: Ride-on lawnmowers with seated operator — Amendment 1: OPC, Parking brake, ROPS, pressurized hoses, cutting means, grass catcher and test probe	XZ
ISO 7112:2017	*	Machinery for forestry — Portable brush-cutters and grass-trimmers — Vocabulary	A

## Standards published

New International Standards published between 01 January and 31 January 2017

\* Available in English only

\*\* French version of standard previously published in English only

			Price group
<b>IIW</b>	<b>International Institute of Welding</b>		
ISO 19675:2017	Non-destructive testing — Ultrasonic testing — Specification for a calibration block for phased array testing (PAUT)		D
<b>PC 252</b>	<b>Natural gas fuelling stations for vehicles</b>		
ISO 16923:2016	Natural gas fuelling stations — CNG stations for fuelling vehicles		F
ISO 16924:2016	Natural gas fuelling stations — LNG stations for fuelling vehicles		G
<b>TC 5</b>	<b>Ferrous metal pipes and metallic fittings</b>		
ISO 16631:2016	Ductile iron pipes, fittings, accessories and their joints compatible with plastic (PVC or PE) piping systems, for water applications and for plastic pipeline connections, repair and replacement		F
<b>TC 20</b>	<b>Aircraft and space vehicles</b>		
ISO 16004:2017	* Aircraft ground equipment — Passenger boarding bridge or transfer vehicle — Interface requirements with aircraft doors		A
<b>TC 22</b>	<b>Road vehicles</b>		
ISO/PAS 19363:2017	* Electrically propelled road vehicles — Magnetic field wireless power transfer — Safety and interoperability requirements		G
ISO 14469:2017	* Road vehicles — Compressed natural gas (CNG) refuelling connector		F
<b>TC 23</b>	<b>Tractors and machinery for agriculture and forestry</b>		

<b>TC 25</b>	<b>Cast irons and pig irons</b>		
ISO 16112:2017	* Compacted (vermicular) graphite cast irons — Classification		D

<b>TC 29</b>	<b>Small tools</b>		
ISO/TS 13399-305:2017	* Cutting tool data representation and exchange — Part 305: Creation and exchange of 3D models — Modular tooling systems with adjustable cartridges for boring		G

<b>TC 34</b>	<b>Food products</b>		
ISO 19563:2017	* Determination of theanine in tea and instant tea in solid form using high-performance liquid chromatography		C
ISO 11133:2014	* Microbiology of food, animal feed and water — Preparation, production, storage and performance testing of culture media		H
ISO 18465:2017	Microbiology of the food chain — Quantitative determination of emetic toxin (cereulide) using LC-MS/MS		C

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ISO 20567-2:2017	Paints and varnishes — Determination of stone-chip resistance of coatings — Part 2: Single-impact test with a guided impact body		B
ISO 8502-2:2017	Preparation of steel substrates before application of paints and related products — Tests for the assessment of surface cleanliness — Part 2: Laboratory determination of chloride on cleaned surfaces		A
ISO 8502-3:2017	Preparation of steel substrates before application of paints and related products — Tests for the assessment of surface cleanliness — Part 3: Assessment of dust on steel surfaces prepared for painting (pressure-sensitive tape method)		B
ISO 8502-4:2017	Preparation of steel substrates before application of paints and related products — Tests for the assessment of surface cleanliness — Part 4: Guidance on the estimation of the probability of condensation prior to paint application		D

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ISO 14362-3:2017	Textiles — Methods for determination of certain aromatic amines derived from azo colorants — Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene	C	ISO 21484:2017	* Nuclear Energy — Fuel technology — Determination of the O/M ratio in MOX pellets by the gravimetric method	A
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ISO 12233:2017	* Photography — Electronic still picture imaging — Resolution and spatial frequency responses	F	ISO 374-5:2016	Protective gloves against dangerous chemicals and micro-organisms — Part 5: Terminology and performance requirements for micro-organisms risks	A
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ISO 11114-1:2012/Amd 1:2017	Gas cylinders — Compatibility of cylinder and valve materials with gas contents — Part 1: Metallic materials — Amendment 1	XZ	<b>TC 135</b>	<b>Non-destructive testing</b>	
<b>TC 61</b>	<b>Plastics</b>		ISO 5577:2017	Non-destructive testing — Ultrasonic testing — Vocabulary	A
ISO 16620-5:2017	Plastics — Biobased content — Part 5: Declaration of biobased carbon content, biobased synthetic polymer content and biobased mass content	B	ISO 15708-4:2017	* Non-destructive testing — Radiation methods for computed tomography — Part 4: Qualification	B
<b>TC 83</b>	<b>Sports and other recreational facilities and equipment</b>		ISO 10880:2017	* Non-destructive testing — Infrared thermographic testing — General principles	B
ISO 8936:2017	Awnings for leisure accommodation vehicles — Requirements and test methods	D	ISO 18251-1:2017	* Non-destructive testing — Infrared thermography — Part 1: Characteristics of system and equipment	B
<b>TC 85</b>	<b>Nuclear energy, nuclear technologies, and radiological protection</b>		<b>TC 138</b>	<b>Plastics pipes, fittings and valves for the transport of fluids</b>	
ISO 16639:2017	Surveillance of the activity concentrations of airborne radioactive substances in the workplace of nuclear facilities	E	ISO 15876-1:2017	Plastics piping systems for hot and cold water installations — Polybutene (PB) — Part 1: General	B
ISO 18310-1:2017	Measurement and prediction of the ambient dose equivalent from patients receiving iodine 131 administration after thyroid ablation — Part 1: During the hospitalization	D			

ISO 15876-2:2017	Plastics piping systems for hot and cold water installations — Polybutene (PB) — Part 2: Pipes	C	ISO 18400-201:2017	* Soil quality — Sampling — Part 201: Physical pretreatment in the field	D
ISO 15876-3:2017	Plastics piping systems for hot and cold water installations — Polybutene (PB) — Part 3: Fittings	C	ISO 18400-204:2017	* Soil quality — Sampling — Part 204: Guidance on sampling of soil gas	G
ISO 15876-5:2017	Plastics piping systems for hot and cold water installations — Polybutene (PB) — Part 5: Fitness for purpose of the system	B	<b>TC 204</b>	<b>Intelligent transport systems</b>	
<b>TC 142</b>	<b>Cleaning equipment for air and other gases</b>		ISO/TS 21219-24:2017	* Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 24: Light encryption (TPEG2-LTE)	F
ISO 16890-1:2016	Air filters for general ventilation — Part 1: Technical specifications, requirements and classification system based upon particulate matter efficiency (ePM)	E	ISO/TS 21219-25:2017	* Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 25: Electromobility charging infrastructure (TPEG2-EMI)	G
ISO 16890-2:2016	Air filters for general ventilation — Part 2: Measurement of fractional efficiency and air flow resistance	G	<b>TC 206</b>	<b>Fine ceramics</b>	
ISO 16890-3:2016	Air filters for general ventilation — Part 3: Determination of the gravimetric efficiency and the air flow resistance versus the mass of test dust captured	D	ISO 19606:2017	* Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for surface roughness of fine ceramic films by atomic force microscopy	D
ISO 16890-4:2016	Air filters for general ventilation — Part 4: Conditioning method to determine the minimum fractional test efficiency	B	ISO 19722:2017	* Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for determination of photocatalytic activity on semiconducting photocatalytic materials by dissolved oxygen consumption	C
<b>TC 150</b>	<b>Implants for surgery</b>		ISO 20343:2017	* Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for determining elastic modulus of thick ceramic coatings at elevated temperature	B
ISO 25539-1:2017	Cardiovascular implants — Endovascular devices — Part 1: Endovascular prostheses	H	<b>TC 211</b>	<b>Geographic information/ Geomatics</b>	
<b>TC 165</b>	<b>Timber structures</b>		ISO 19110:2016	Geographic information — Methodology for feature cataloguing	G
ISO 12122-4:2017	* Timber structures — Determination of characteristic values — Part 4: Engineered wood products	B	<b>TC 213</b>	<b>Dimensional and geometrical product specifications and verification</b>	
<b>TC 190</b>	<b>Soil quality</b>		ISO 1938-2:2017	Geometrical product specifications (GPS) — Dimensional measuring equipment — Part 2: Reference disk gauges	B
ISO 18400-100:2017	Soil quality — Sampling — Part 100: Guidance on the selection of sampling standards	A	<b>TC 215</b>	<b>Health informatics</b>	
ISO 18400-101:2017	* Soil quality — Sampling — Part 101: Framework for the preparation and application of a sampling plan	C	ISO 25237:2017	Health informatics — Pseudonymization	G
ISO 18400-102:2017	* Soil quality — Sampling — Part 102: Selection and application of sampling techniques	G	<b>TC 238</b>	<b>Solid biofuels</b>	
ISO 18400-103:2017	* Soil quality — Sampling — Part 103: Safety	E	ISO 18134-2:2017	Solid biofuels — Determination of moisture content — Oven dry method — Part 2: Total moisture — Simplified method	A
ISO 18400-105:2017	* Soil quality — Sampling — Part 105: Packaging, transport, storage and preservation of samples	B	<b>TC 249</b>	<b>Traditional chinese medicine</b>	
ISO 18400-106:2017	* Soil quality — Sampling — Part 106: Quality control and quality assurance	B	ISO 20408:2017	* Traditional Chinese medicine — Panax notoginseng seeds and seedlings	B
ISO 18400-107:2017	* Soil quality — Sampling — Part 107: Recording and reporting	B	<b>TC 268</b>	<b>Sustainable cities and communities</b>	
			ISO/TR 37121:2017	* Sustainable development in communities — Inventory of existing guidelines and approaches on sustainable development and resilience in cities	H

<b>TC 292</b>	<b>Security and resilience</b>							
ISO/TS 22317:2015	Societal security — Business continuity management systems — Guidelines for business impact analysis (BIA)	E	ISO/IEC 14496-22:2015/Amd 1:2017	*	Information technology — Coding of audio-visual objects — Part 22: Open Font Format — Amendment 1: Updates for font collections functionality			XZ
<b>IULTCS</b>	<b>International Union of Leather Technologists and Chemists Societies</b>							
ISO 2418:2017	Leather — Chemical, physical and mechanical and fastness tests — Sampling location	B	ISO/IEC 23000-15:2016/Amd 1:2017	*	Information technology — Multimedia application format (MPEG-A) — Part 15: Multimedia preservation application format — Amendment 1: Implementation guidelines for MP-AF			F
ISO 2420:2017	Leather — Physical and mechanical tests — Determination of apparent density and mass per unit area	A	ISO/IEC 23002-5:2013/ Amd 2:2017	*	Information technology — MPEG video technologies — Part 5: Reconfigurable media coding conformance and reference software — Amendment 2: Reference software for HEVC-related VTL extensions			XZ
ISO 4044:2017	Leather — Chemical tests — Preparation of chemical test samples	A	ISO/IEC 23005-7:2017	*	Information technology — Media context and control — Part 7: Conformance and reference software			F
ISO 17232:2017	Leather — Physical and mechanical tests — Determination of heat resistance of patent leather	B	ISO/IEC 23008-3:2015/ Amd 3:2017	*	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 3: 3D audio — Amendment 3: MPEG-H 3D Audio Phase 2			H
ISO 17233:2017	Leather — Physical and mechanical tests — Determination of cold crack temperature of surface coatings	B	ISO/IEC 24779-4:2017	*	Information technology — Cross-jurisdictional and societal aspects of implementation of biometric technologies — Pictograms, icons and symbols for use with biometric systems — Part 4: Fingerprint applications			F
<b>CASCO</b>	<b>Committee on conformity assessment</b>							
ISO/IEC 17021-2:2016	Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 2: Competence requirements for auditing and certification of environmental management systems	B						
<b>JTC 1</b>	<b>Information technology</b>							
ISO/IEC 7812-1:2017	* Identification cards — Identification of issuers — Part 1: Numbering system	B						
ISO/IEC 7812-2:2017	* Identification cards — Identification of issuers — Part 2: Application and registration procedures	B						
ISO/IEC 30192:2016	* Information technology — Digitally recorded media for information interchange and storage — 120 mm Single Layer (25,0 Gbytes per disk) and Dual Layer (50,0 Gbytes per disk) BD Rewritable disk	H						
ISO/IEC 14776-323:2017	* Information technology — Small computer system interface (SCSI) — Part 323: SCSI Block commands — 3 (SBC-3)	H						
ISO/IEC 19752:2017	* Information technology — Office equipment — Method for the determination of toner cartridge yield for monochromatic electrophotographic printers and multi-function devices that contain printer components	D						
ISO/IEC 19798:2017	* Information technology — Office equipment — Method for the determination of toner cartridge yield for colour printers and multi-function devices that contain printer components	D						
ISO/IEC 14496-5:2001/ Amd 24:2009/ Cor 3:2017	* Information technology — Coding of audio-visual objects — Part 5: Reference software — Amendment 24: Reference software for AAC-ELD — Technical Corrigendum 3	free						

## Standards confirmed

The following International Standards are confirmed for a five year period:

### TC 6 Paper, board and pulps

ISO 776:2011	
ISO 5269-3:2008	(reconfirmed)
ISO 11093-7:2011	
ISO 3781:2011	
ISO 12192:2011	
ISO 16532-3:2010	

### TC 17 Steel

ISO 16650:2004	(reconfirmed)
ISO 22034-1:2007	(reconfirmed)

### TC 20 Aircraft and space vehicles

ISO 5065-1:1986	(reconfirmed)
ISO 12384:2010	
ISO 6967:2006	
ISO 10841:1996	(reconfirmed)
ISO 11995:1996	(reconfirmed)
ISO 12056:1996	(reconfirmed)
ISO 1749:1973	(reconfirmed)
ISO 15888:2000	(reconfirmed)

### TC 29 Small tools

ISO 236-1:1976	
ISO 6751:2011	



ISO 6752:2008	(reconfirmed)	<b>TC 67</b> <b>Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries</b>
ISO 8693:2011		
ISO 8694:2011		
ISO 9183-1:2008	(reconfirmed)	
ISO 9183-2:2011		
ISO 10242-1:2011		
ISO 10907-2:2007	(reconfirmed)	
ISO 12165:2000	(reconfirmed)	
ISO 16366:2008	(reconfirmed)	
ISO 16367:2008	(reconfirmed)	
ISO 18084:2011		
ISO 24233:2008	(reconfirmed)	
<b>TC 31</b>	<b>Tyres, rims and valves</b>	
ISO 4249-1:1985	(reconfirmed)	
ISO 4249-2:1990	(reconfirmed)	
ISO 4249-3:2010		
ISO 6054-1:1994	(reconfirmed)	
ISO 6054-2:1990	(reconfirmed)	
<b>TC 33</b>	<b>Refractories</b>	
ISO 836:2001	(reconfirmed)	
ISO 5417:1986	(reconfirmed)	
ISO 8841:1991	(reconfirmed)	
ISO 12677:2011		
ISO 12678-1:1996	(reconfirmed)	
ISO 12678-2:1996	(reconfirmed)	
ISO 21079-1:2008	(reconfirmed)	
ISO 21079-2:2008	(reconfirmed)	
ISO 21079-3:2008	(reconfirmed)	
<b>TC 34</b>	<b>Food products</b>	
ISO 1956-2:1989	(reconfirmed)	
ISO 6477:1988	(reconfirmed)	
ISO 7701:1994	(reconfirmed)	
ISO 973:1999	(reconfirmed)	
ISO 3632-1:2011		
ISO 3632-2:2010		
ISO 5565-1:1999	(reconfirmed)	
<b>TC 38</b>	<b>Textiles</b>	
ISO 5077:2007	(reconfirmed)	
<b>TC 44</b>	<b>Welding and allied processes</b>	
ISO/TS 17845:2004	(reconfirmed)	
ISO 10882-1:2011		
ISO 15011-5:2011		
<b>TC 46</b>	<b>Information and documentation</b>	
ISO 25964-1:2011		
<b>TC 54</b>	<b>Essential oils</b>	
ISO 3140:2011		
ISO 3756:1976	(reconfirmed)	
ISO 19332:2007	(reconfirmed)	
<b>TC 60</b>	<b>Gears</b>	
ISO 9083:2001	(reconfirmed)	
ISO 13691:2001	(reconfirmed)	
ISO 14635-1:2000	(reconfirmed)	
<b>TC 61</b>	<b>Plastics</b>	
ISO 21367:2007	(reconfirmed)	
ISO 15546:2011		
ISO 15136-2:2006	(reconfirmed)	
<b>TC 69</b>	<b>Applications of statistical methods</b>	
ISO 3951-4:2011		
<b>TC 79</b>	<b>Light metals and their alloys</b>	
ISO 791:1973	(reconfirmed)	
ISO 792:1973	(reconfirmed)	
ISO 793:1973	(reconfirmed)	
ISO 794:1976	(reconfirmed)	
ISO 795:1976	(reconfirmed)	
ISO 796:1973	(reconfirmed)	
ISO 797:1973	(reconfirmed)	
ISO 808:1973	(reconfirmed)	
ISO 809:1973	(reconfirmed)	
ISO 810:1973	(reconfirmed)	
ISO 886:1973	(reconfirmed)	
ISO 1118:1978	(reconfirmed)	
ISO 1178:1976	(reconfirmed)	
ISO 1783:1973	(reconfirmed)	
ISO 1784:1976	(reconfirmed)	
ISO 1975:1973	(reconfirmed)	
ISO 2297:1973	(reconfirmed)	
ISO 2353:1972	(reconfirmed)	
ISO 2354:1976	(reconfirmed)	
ISO 2355:1972	(reconfirmed)	
ISO 3255:1974	(reconfirmed)	
ISO 3256:1977	(reconfirmed)	
ISO 3978:1976	(reconfirmed)	
ISO 3980:1977	(reconfirmed)	
ISO 3981:1977	(reconfirmed)	
ISO 4192:1981	(reconfirmed)	
ISO 4193:1981	(reconfirmed)	
ISO 4194:1981	(reconfirmed)	
ISO 5194:1981	(reconfirmed)	
ISO 5196-1:1980	(reconfirmed)	
ISO 5196-2:1980	(reconfirmed)	
ISO 6361-1:2011		
ISO 7271:2011		
<b>TC 91</b>	<b>Surface active agents</b>	
ISO 2456:1986	(reconfirmed)	
ISO 2868:1973	(reconfirmed)	
ISO 2869:1973	(reconfirmed)	
ISO 2870:2009	(reconfirmed)	
ISO 2871-1:2010	(reconfirmed)	
ISO 2871-2:2010	(reconfirmed)	
ISO 4198:1984	(reconfirmed)	
ISO 4311:1979	(reconfirmed)	
ISO 4312:1989	(reconfirmed)	
ISO 4313:1976	(reconfirmed)	
ISO 4314:1977	(reconfirmed)	
ISO 4315:1977	(reconfirmed)	
<b>TC 107</b>	<b>Metallic and other inorganic coatings</b>	
ISO 2093:1986	(reconfirmed)	

ISO 2179:1986	(reconfirmed)
ISO 4524-6:1988	(reconfirmed)
ISO 7587:1986	(reconfirmed)
ISO 9587:2007	(reconfirmed)
ISO 12686:1999	(reconfirmed)
<b>TC 113</b>	<b>Hydrometry</b>
ISO 14139:2000	(reconfirmed)
<b>TC 123</b>	<b>Plain bearings</b>
ISO 4385:1981	(reconfirmed)
ISO 6281:2007	(reconfirmed)
ISO 12129-1:1995	(reconfirmed)
ISO 12129-2:1995	(reconfirmed)
ISO 3547-5:2007	(reconfirmed)
ISO 3547-6:2007	(reconfirmed)
ISO 3547-7:2007	(reconfirmed)
<b>TC 134</b>	<b>Fertilizers and soil conditioners</b>
ISO/TR 5307:1991	
<b>TC 145</b>	<b>Graphical symbols</b>
ISO 20712-1:2008	(reconfirmed)
<b>TC 146</b>	<b>Air quality</b>
ISO 11057:2011	
ISO 25139:2011	
<b>TC 147</b>	<b>Water quality</b>
ISO 11206:2011	
ISO 28540:2011	
<b>TC 159</b>	<b>Ergonomics</b>
ISO	(reconfirmed)
9241-151:2008	
ISO	
9241-420:2011	
ISO	
9241-910:2011	
ISO 11064-5:2008	(reconfirmed)
ISO/TS	
20282-2:2013	
<b>TC 168</b>	<b>Prosthetics and orthotics</b>
ISO 22523:2006	(reconfirmed)
<b>TC 191</b>	<b>Animal (mammal) traps</b>
ISO 10990-4:1999	
ISO 10990-5:1999	
<b>TC 194</b>	<b>Biological and clinical evaluation of medical devices</b>
ISO/TS	(reconfirmed)
10993-19:2006	

## Standards withdrawn

Period from 01 January to 31 January 2017

<b>TC 22</b>	<b>Road vehicles</b>
ISO 14469-1:2004	(replaced by ISO 14469:2017)
ISO 14469-2:2007	(replaced by ISO 14469:2017)

ISO 14469-3:2006	(replaced by ISO 14469:2017)
<b>TC 38</b>	<b>Textiles</b>
ISO 24362-1:2014	(replaced by ISO 14362-1:2017)
ISO 24362-3:2014	(replaced by ISO 14362-3:2017)
<b>TC 190</b>	<b>Soil quality</b>
ISO 10381-2:2002	(replaced by ISO 18400-102:2017)
ISO 10381-3:2001	(replaced by ISO 18400-103:2017)
ISO 10381-7:2005	(replaced by ISO 18400-204:2017)
<b>TC 204</b>	<b>Intelligent transport systems</b>
ISO/TS	(replaced by )
17931:2013	
<b>JTC 1</b>	<b>Information technology</b>
ISO/IEC	(replaced by ISO/IEC 14776-323:2017)
14776-232:2001	
ISO/IEC	(replaced by )
15444-12:2015	

## Meeting calendar

(update at 01 January 2017)

Meetings called for the month of December are not in this edition.

\* Information definite but meeting not yet formally convened

\*\* Provisional

February 2017			
5-7	Beijing (China)	TC 79/SC 11	Light metals and their alloys/Titanium
6-10	Tunis (Tunisia)	JTC 1/SC 6	Information technology/Telecommunications and information exchange between systems
6-10	Berlin (Germany)	JTC 1/SC 35	Information technology/User interfaces
6-12	Pretoria (South Africa)	TC 58/SC 4	Gas cylinders/Operational requirements for gas cylinders
10	St. Petersburg, Florida (USA)	TC 213	Dimensional and geometrical product specifications and verification
10	Budapest (Hungary)	TC 267	Facility management
14	Geneva (Switzerland)	CSC/SPC	Council/Strategy and Policy Committee (CSC/SPC)
15	Geneva (Switzerland)	President's committee	President's committee
17	Galveston (USA)	TC 304	Healthcare administration
20	Berlin (Germany)	TC 188/SC 1	Small craft/Personal safety equipment
20-22	London (United Kingdom)	TC 8/SC 8	Ships and marine technology/Ship design
21-22	Kuala Lumpur (Malaysia)	TMB	Technical Management Board

22-24	Paris (France)	TC 147/SC 3	Water quality/Radioactivity measurements	30	Toronto (Canada)	TC 23/SC 7	Tractors and machinery for agriculture and forestry/Equipment for harvesting and conservation
24	Vancouver (Canada)	TC 22/SC 41	Road vehicles/Specific aspects for gaseous fuels	30	Pau (France)	TC 67/SC 3	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/Drilling and completion fluids, and well cements
24-26	St. John, Newfoundland (Canada)	TC 121/SC 4	Anaesthetic and respiratory equipment/Terminology and semantics				
<b>February-March 2017</b>							
28-2	Tokyo (Japan)	JTC 1/SC 34	Information technology/Document description and processing languages	30-31	Toronto (Canada)	TC 23/SC 3	Tractors and machinery for agriculture and forestry/Safety and comfort
<b>March 2017</b>							
6	Kyoto (Japan)	TC 60	Gears	30-31	Sao Paulo (Brazil)	TC 199	Safety of machinery
6	Kyoto (Japan)	TC 60/SC 1	Gears/Nomenclature and wormgearing	31	Tsukuba (Japan)	TC 92	Fire safety
6	Kyoto (Japan)	TC 60/SC 2	Gears/Gear capacity calculation	<b>April 2017</b>			
7-8	Coventry (United Kingdom)	TC 44/SC 14	Welding and allied processes/Welding and brazing in aerospace	1	Tokyo (Japan)	TC 225	Market, opinion and social research
8-9	Madrid (Spain)	* TC 20/SC 16	Aircraft and space vehicles/Unmanned aircraft systems	3-4	Chicago (USA)	TC 117	Fans
14	Geneva (Switzerland)	President's committee	President's committee	3-5	Sydney (Australia)	TC 307	Blockchain and electronic distributed ledger technologies
15	Geneva (Switzerland)	CSC/FIN	Council/Council Standing Committee on Finance (CSC/FIN)	3-7	Milan (Italy)	PC 302	Guidelines for auditing management systems
15-16	London (United Kingdom)	TC 94	Personal safety -- Protective clothing and equipment	3-7	London (United Kingdom)	TC 133	Clothing sizing systems - size designation, size measurement methods and digital fittings
16-17	Geneva (Switzerland)	COUNCIL	Council	4	Stockholm (Sweden)	TC 118/SC 6	Compressors and pneumatic tools, machines and equipment/Air compressors and compressed air systems
20-24	Leeds (United Kingdom)	TC 94/SC 13	Personal safety -- Protective clothing and equipment/Protective clothing	5	Stockholm (Sweden)	TC 118/SC 3	Compressors and pneumatic tools, machines and equipment/Pneumatic tools and machines
22-24	Kingston (Jamaica)	TC 93	Starch (including derivatives and by-products)	6	Stockholm (Sweden)	TC 118	Compressors and pneumatic tools, machines and equipment
27-31	Chengdu (China)	JTC 1/SC 38	Information technology/Cloud Computing and Distributed Platforms	6	Stockholm (Sweden)	TC 118/SC 4	Compressors and pneumatic tools, machines and equipment/Compressed air treatment technology
27-31	Brisbane (Australia)	TC 251	Asset management	7	Irvine (USA)	TC 110/SC 4	Industrial trucks/Rough-terrain trucks
28	Toronto (Canada)	TC 23/SC 4	Tractors and machinery for agriculture and forestry/Tractors	10	Guilin (China)	TC 29/SC 8	Small tools/Tools for pressing and moulding
29	Virtual (Unknown)	* TC 20/SC 17	Aircraft and space vehicles/Airport infrastructure	11	Toulouse (France)	TC 31/SC 5	Tyres, rims and valves/Agricultural tyres and rims
29	Philadelphia (USA)	TC 219	Floor coverings	12	Toulouse (France)	TC 31/SC 6	Tyres, rims and valves/Off-the-road tyres and rims
29-30	Harbin (China)	TC 44/SC 5	Welding and allied processes/Testing and inspection of welds	13	Toulouse (France)	TC 31/SC 7	Tyres, rims and valves/Industrial tyres and rims
29-30	Paris (France)	TC 182	Geotechnics	17-21	Hangzhou (China)	TC 215	Health informatics
30	Toronto (Canada)	TC 23/SC 2	Tractors and machinery for agriculture and forestry/Common tests				

24-25	Hamilton (New Zealand)	JTC 1/SC 27	Information technology/IT Security techniques	8-12	Vienna (Austria)	TC 39/SC 2	Machine tools/Test conditions for metal cutting machine tools
24-28	Minneapolis (USA)	TC 198	Sterilization of health care products	8-12	Seoul (Korea, Republic of)	* TC 161	Controls and protective devices for gas and/or oil
24-28	Jeju (Korea, Republic of)	TC 292	Security and resilience	8-12	Berlin (Germany)	** TC 171	Document management applications
26	Orlando (USA)	TC 34/SC 2	Food products/Oleaginous seeds and fruits and oilseed meals	9	Stockholm (Sweden)	TC 10/SC 6	Technical product documentation/Mechanical engineering documentation
26	London (United Kingdom)	TC 67/SC 2	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/Pipeline transportation systems	9	Stockholm (Sweden)	TC 10/SC 8	Technical product documentation/Construction documentation
26-27	Vancouver (Canada)	CASCO	Committee on conformity assessment	10	Stockholm (Sweden)	TC 10/SC 1	Technical product documentation/Basic conventions
26-27	Saint-Denis (France)	TC 17/SC 3	Steel/Steels for structural purposes	11-12	Karamay (China)	TC 265	Carbon dioxide capture, transportation, and geological storage
27	Frankfurt (Germany)	TC 23/SC 19	Tractors and machinery for agriculture and forestry/Agricultural electronics	12	Berlin (Germany)	TC 171/SC 2	Document management applications/Document file formats, EDMS systems and authenticity of information
27	Virtual (Unknown)	TC 67/SC 9	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/Liquefied natural gas installations and equipment	13	Seoul (Korea, Republic of)	* TC 276	Biotechnology
				15	Atlanta (USA)	TC 4/SC 11	Rolling bearings/Linear motion rolling bearings
27-28	Orlando (USA)	TC 34/SC 11	Food products/Animal and vegetable fats and oils	15	Stockholm (Sweden)	TC 29/SC 9	Small tools/Tools with defined cutting edges, cutting items
27-28	London (United Kingdom)	* TC 44/SC 8	Welding and allied processes/Equipment for gas welding, cutting and allied processes	15	Berlin (Germany)	TC 44/SC 10	Welding and allied processes/Quality management in the field of welding
	(Côte-d'Ivoire)	** TC 34/SC 18	Food products/Cocoa	15	Rio de Janeiro (Brazil)	TC 68/SC 4	Financial services/Securities and related financial instruments
<b>April-September 2017</b>							
24-26	Vienna (Austria)	** TC 289	Brand evaluation	15	Chicago (USA)	* TC 192	Gas turbines
<b>May 2017</b>							
				15-19	Atlanta (USA)	* TC 4	Rolling bearings
3	Virtual (Unknown)	* TC 22/SC 31	Road vehicles/Data communication	15-19	Atlanta (USA)	* TC 4/SC 7	Rolling bearings/Spherical plain bearings
3-4	Delft (Netherlands)	TC 226	Materials for the production of primary aluminium	15-19	Seattle (USA)	TC 31	Tyres, rims and valves
7-12	Oslo (Norway)	TC 184/SC 4	Automation systems and integration/Industrial data	15-19	Seattle (USA)	* TC 31/SC 3	Tyres, rims and valves/Passenger car tyres and rims
8	San Antonio (USA)	* TC 131	Fluid power systems	15-19	Seattle (USA)	* TC 31/SC 10	Tyres, rims and valves/Cycle, moped, motorcycle tyres and rims
8	Berlin (Germany)	TC 171/SC 1	Document management applications/Quality, preservation and integrity of information	15-19	Copenhagen (Denmark)	TC 43	Acoustics
				15-19	Copenhagen (Denmark)	TC 43/SC 1	Acoustics/Noise
8-11	Madrid (Spain)	* TC 272	Forensic sciences	15-19	Copenhagen (Denmark)	* TC 43/SC 2	Acoustics/Building acoustics
8-12	Stockholm (Sweden)	TC 10	Technical product documentation	15-19	Rio de Janeiro (Brazil)	TC 68	Financial services
8-12	Gothenburg (Sweden)	TC 22/SC 39	Road vehicles/Ergonomics	16	Atlanta (USA)	TC 4/SC 5	Rolling bearings/Needle, cylindrical and spherical roller bearings
8-12	(Netherlands)	** TC 35	Paints and varnishes				

16	Stockholm (Sweden)		TC 29/SC 2	Small tools/Holding tools, adaptive items and interfaces	22-26	Faro, Algarve (Portugal)		TC 282/SC 2	Water reuse/Water reuse in urban areas
16	San Antonio (USA)	*	TC 131/SC 7	Fluid power systems/ Sealing devices	22-26	Quebec City (Canada)	*	TC 309	Governance of organizations
17	Rio de Janeiro (Brazil)	*	TC 68/SC 2	Financial services/ Financial Services, security	23-24	Faro, Algarve (Portugal)		TC 282/SC 1	Water reuse/Treated wastewater reuse for Irrigation
17-19	Tokyo (Japan)	*	TC 8/SC 13	Ships and marine technology/Marine technology	23-25	Tokyo (Japan)		TC 8/SC 1	Ships and marine technology/Lifesaving and fire protection
17-19	Philadelphia (USA)	*	TC 86/SC 6	Refrigeration and air-conditioning/ Testing and rating of air-conditioners and heat pumps	24-25	Pretoria (South Africa)		TC 46/SC 4	Information and documentation/Technical interoperability
18	Atlanta (USA)	*	TC 4/SC 4	Rolling bearings/ Tolerances, tolerance definitions and symbols (including GPS)	25	Pretoria (South Africa)		TC 46/SC 10	Information and documentation/ Requirements for document storage and conditions for preservation
18	Atlanta (USA)		TC 4/SC 8	Rolling bearings/Load ratings and life	25-26	Frankfurt (Germany)	*	TC 184/SC 5	Automation systems and integration/Interoperability, integration, and architectures for enterprise systems and automation applications
18	Atlanta (USA)		TC 4/SC 9	Rolling bearings/Tapered roller bearings					
18	Atlanta (USA)	*	TC 4/SC 12	Rolling bearings/Ball bearings					
18	Jeju (Korea, Republic of)		TC 67/SC 5	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Casing, tubing and drill pipe	26	Pretoria (South Africa)		TC 46	Information and documentation
					29	Gyeongju (Korea, Republic of)	*	TC 17/SC 15	Steel/Railway rails, rails fasteners, wheels and wheelsets
18	Berlin (Germany)		TC 83	Sports and other recreational facilities and equipment	29-30	Tokyo (Japan)		TC 24/SC 4	Particle characterization including sieving/Particle characterization
18	West Conshohocken (Philadelphia) (USA)		TC 85/SC 5	Nuclear energy, nuclear technologies, and radiological protection/Nuclear installations, processes and technologies		(Japan)	**	JTC 1/SC 32	Information technology/Data management and interchange
						Berlin (Germany)	**	TC 44/SC 11	Welding and allied processes/Qualification requirements for welding and allied processes personnel
18-19	Kuala Lumpur (Malaysia)		COPOLCO	Committee on consumer policy	<b>May-June 2017</b>				
18-19	Berlin (Germany)	**	TC 44/SC 3	Welding and allied processes/Welding consumables	27-2	(Ireland)	**	TC 238	Solid biofuels
18-19	West Conshohocken (Philadelphia) (USA)		TC 85/SC 6	Nuclear energy, nuclear technologies, and radiological protection/Reactor technology	29-2	Okayama (Japan)		JTC 1/SC 40	Information technology/IT Service Management and IT Governance
19	Stockholm (Sweden)		TC 29	Small tools	29-2	Stockholm (Sweden)	*	TC 211	Geographic information/ Geomatics
22-23	Faro, Algarve (Portugal)	**	TC 282/SC 3	Water reuse/Risk and performance evaluation of water reuse systems	31-2	Delft (Netherlands)	*	TC 145	Graphical symbols
22-26	Pretoria (South Africa)		TC 46/SC 9	Information and documentation/ Identification and description	<b>June 2017</b>				
22-26	Pretoria (South Africa)	*	TC 46/SC 11	Information and documentation/Archives/ records management	5	Jeju (Korea, Republic of)	*	TC 156/SC 1	Corrosion of metals and alloys/Corrosion control engineering life cycle
22-26	Boston (USA)		TC 121	Anaesthetic and respiratory equipment	5-8	Hong Kong (Hong Kong, China)	*	TC 249	Traditional chinese medicine
22-26	Panama (Panama)		TC 228	Tourism and related services	5-9	Fort Collins (USA)	*	TC 23/SC 18	Tractors and machinery for agriculture and forestry/Irrigation and drainage equipment and systems
					5-9	Santa Clara (USA)		TC 42	Photography

5-9	(Unknown)	**	TC 268	Sustainable cities and communities	19-23	Cape Town (South Africa)	*	TC 69/SC 7	Applications of statistical methods/
5-9	(Unknown)	**	TC 268/SC 1	Sustainable cities and communities/ Smart community infrastructures					Applications of statistical and related techniques for the implementation of Six Sigma
6-9	Delft (Netherlands)	**	TC 274	Light and lighting	19-23	Cape Town (South Africa)	*	TC 69/SC 8	Applications of statistical methods/
7	Marseille (France)	*	TC 29/SC 5	Small tools/Grinding wheels and abrasives					Application of statistical and related methodology for new technology and product development
7-8	Düsseldorf (Germany)		TC 17/SC 10	Steel/Steel for pressure purposes					
8-9	Hamburg (Germany)		TC 8/SC 7	Ships and marine technology/Inland navigation vessels	19-23	London (United Kingdom)		TC 108/SC 5	Mechanical vibration, shock and condition monitoring/Condition monitoring and diagnostics of machine systems
8-9	Cambridge (United Kingdom)	*	TC 67/SC 7	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Offshore structures	19-23	(Portugal)	**	TC 149/SC 1	Cycles/Cycles and major sub-assemblies
9	Chicago (USA)	*	TC 136	Furniture	23-30	(Australia)	**	JTC 1/SC 36	Information technology/Information technology for learning, education and training
9	Jeju (Korea, Republic of)	*	TC 156	Corrosion of metals and alloys					
11-16	Hiroshima City (Japan)	*	TC 127	Earth-moving machinery	25-30	Vienna (Austria)		TC 37	Terminology and other language and content resources
12-16	Paris (France)		TC 20/SC 14	Aircraft and space vehicles/Space systems and operations	26-27	Stockholm (Sweden)	**	TC 184	Automation systems and integration
13	Geneva (Switzerland)		CSC/SPC	Council/Strategy and Policy Committee (CSC/SPC)	26-28	El Segundo (USA)	*	TC 20/SC 9	Aircraft and space vehicles/Air cargo and ground equipment
14	Shanghai (China)	*	TC 30/SC 5	Measurement of fluid flow in closed conduits/Velocity and mass methods	26-29	Ise (Japan)	*	TC 20/SC 1	Aircraft and space vehicles/ Aerospace electrical requirements
14	(USA)	**	TC 220	Cryogenic vessels					
14-15	Geneva (Switzerland)	**	TMB	Technical Management Board	26-30	Shanghai (China)		TC 29/SC 10	Small tools/Assembly tools for screws and nuts, pliers and nippers
15-16	Toronto (Canada)	*	TC 298	Rare earth					
15-22	London (United Kingdom)	*	JTC 1/SC 28	Information technology/Office equipment	26-30	London (United Kingdom)	*	TC 94/SC 4	Personal safety -- Protective clothing and equipment/ Personal equipment for protection against falls
19	(South Africa)	**	PC 305	Sustainable non-sewered sanitation systems					
19-20	Stockholm (Sweden)	*	TC 22/SC 32	Road vehicles/Electrical and electronic components and general system aspects	26-30	London (United Kingdom)	*	TC 94/SC 14	Personal safety -- Protective clothing and equipment/ Firefighters' personal equipment
19-23	Tokyo (Japan)	**	TC 34/SC 9	Food products/ Microbiology					
19-23	Cape Town (South Africa)	*	TC 69	Applications of statistical methods	26-30	Washington, D.C (USA)	*	TC 193	Natural gas
19-23	Cape Town (South Africa)	*	TC 69/SC 1	Applications of statistical methods/Terminology and symbols	26-30	Washington, D.C (USA)	*	TC 193/SC 1	Natural gas/Analysis of natural gas
19-23	Cape Town (South Africa)	*	TC 69/SC 4	Applications of statistical methods/ Applications of statistical methods in product and process management	26-30	Washington, D.C (USA)	*	TC 193/SC 3	Natural gas/Upstream area
					27-28	Qingdao (China)		President's committee	President's committee
					27-29	Berlin (Germany)	*	REMCO	Committee on reference materials
19-23	Cape Town (South Africa)	*	TC 69/SC 6	Applications of statistical methods/Measurement methods and results	27-29	Paignton (United Kingdom)	*	TC 8/SC 2	Ships and marine technology/Marine environment protection
						Shanghai (China)	**	TC 30	Measurement of fluid flow in closed conduits

	Shanghai (China)	**	TC 30/SC 2	Measurement of fluid flow in closed conduits/Pressure differential devices	11-15	Gaithersburg (USA)	*	TC 108/SC 6	Mechanical vibration, shock and condition monitoring/Vibration and shock generating systems
	Chennai (India)	**	TC 120	Leather	11-15	Bali (Indonesia)	*	TC 176	Quality management and quality assurance
<b>2nd Quarter 2017</b>									
	Paris (France)	*	TC 297	Waste management, recycling and road operation service	11-15	Melbourne (Australia)	*	TC 258	Project, programme and portfolio management
<b>July 2017</b>									
3-7	Harbin (China)	*	TC 44	Welding and allied processes	14-15	Bali (Indonesia)	*	TC 260	Human resource management
3-7	Harbin (China)	*	TC 44/SC 7	Welding and allied processes/Representation and terms	17	Berlin (Germany)		President's committee	President's committee
3-7	Harbin (China)	*	TC 44/SC 9	Welding and allied processes/Health and safety	17-22	Seoul (Korea, Republic of)	*	TC 61	Plastics
7	Milan (Italy)		TC 206	Fine ceramics	17-22	Seoul (Korea, Republic of)	*	TC 164	Mechanical testing of metals
22	Turin (Italy)	*	JTC 1/SC 29	Information technology/Coding of audio, picture, multimedia and hypermedia information	18	Berlin (Germany)	*	COUNCIL	Council
24-28	Paris (France)	*	JTC 1/SC 35	Information technology/User interfaces	18	Rome (Italy)	*	TC 108/SC 4	Mechanical vibration, shock and condition monitoring/Human exposure to mechanical vibration and shock
26-27	Singapore (Singapore)	*	TC 281	Fine Bubble Technology	18-20	London (United Kingdom)	*	TC 290	Online reputation
<b>August 2017</b>									
7-11	Arlington (USA)	*	JTC 1/SC 24	Information technology/Computer graphics, image processing and environmental data representation	19	Berlin (Germany)	*	DEVCO	Committee on developing country matters
14-15	London (United Kingdom)	*	JTC 1/SC 22	Information technology/Programming languages, their environments and system software interfaces	19	London (United Kingdom)	*	TC 41/SC 3	Pulleys and belts (including veebelts)/ Conveyor belts
20-25	Hong Kong (Hong Kong, China)	*	TC 106	Dentistry	19	Berlin (Germany)	**	TMB	Technical Management Board
24-25	Braunschweig (Germany)	*	TC 172/SC 6	Optics and photonics/Geodetic and surveying instruments	20	London (United Kingdom)	*	TC 41/SC 1	Pulleys and belts (including veebelts)/ Friction
28	Virtual (Unknown)		CSC/FIN	Council/Council Standing Committee on Finance (CSC/FIN)	20-21	Seoul (Korea, Republic of)	*	TC 221	Geosynthetics
<b>September 2017</b>									
4-8	Berlin (Germany)	*	TC 21	Equipment for fire protection and fire fighting	20-22	Berlin (Germany)	**	GA	General Assembly
6-8	Washington, D.C (USA)	*	TC 34/SC 16	Food products/Horizontal methods for molecular biomarker analysis	20-22	(United Kingdom)	**	TC 202	Microbeam analysis
11-15	San Francisco (USA)	*	JTC 1/SC 38	Information technology/Cloud Computing and Distributed Platforms	21	London (United Kingdom)	*	TC 41/SC 4	Pulleys and belts (including veebelts)/ Synchronous belt drives
11-15	Bologna (Italy)	*	TC 23/SC 6	Tractors and machinery for agriculture and forestry/Equipment for crop protection	21-22	Berlin (Germany)	*	TC 22/SC 31	Road vehicles/Data communication
11-15	Gaithersburg (USA)	*	TC 108	Mechanical vibration, shock and condition monitoring	21-23	Teddington (United Kingdom)	*	TC 201	Surface chemical analysis
					21-23	Teddington (United Kingdom)	*	TC 201/SC 1	Surface chemical analysis/Terminology
					21-23	Teddington (United Kingdom)	*	TC 201/SC 2	Surface chemical analysis/General procedures
					21-23	Teddington (United Kingdom)	*	TC 201/SC 3	Surface chemical analysis/Data management and treatment
					21-23	Teddington (United Kingdom)	*	TC 201/SC 4	Surface chemical analysis/Depth profiling
					21-23	Teddington (United Kingdom)	*	TC 201/SC 6	Surface chemical analysis/Secondary ion mass spectrometry

21-23	Teddington (United Kingdom)	*	TC 201/SC 7	Surface chemical analysis/Electron spectroscopies	(Australia)	**	TC 27/SC 1	Solid mineral fuels/ Coal preparation: Terminology and performance
21-23	Teddington (United Kingdom)	*	TC 201/SC 8	Surface chemical analysis/Glow discharge spectroscopy	(Australia)	**	TC 27/SC 3	Solid mineral fuels/ Coke
21-23	Teddington (United Kingdom)	*	TC 201/SC 9	Surface chemical analysis/Scanning probe microscopy	(Australia)	**	TC 27/SC 4	Solid mineral fuels/ Sampling
21-23	Teddington (United Kingdom)	*	TC 201/SC 10	Surface chemical analysis/X-ray Reflectometry (XRR) and X-ray Fluorescence (XRF) Analysis	Erlangen (Germany) Tel Aviv (Israel)	**	TC 36	Solid mineral fuels/ Methods of analysis Cinematography
22	London (United Kingdom)	*	TC 41	Pulleys and belts (including veebelts)				
25-28	Penang (Malaysia)	*	TC 157	Non-systemic contraceptives and STI barrier prophylactics	Sapporo (Japan)	**	TC 71	Concrete, reinforced concrete and pre-stressed concrete
25-29	Buenos Aires (Argentina)	*	TC 8	Ships and marine technology	(Europe)	**	TC 146/SC 3	Air quality/Ambient atmospheres
25-29	Copenhagen (Denmark)	**	TC 58/SC 2	Gas cylinders/Cylinder fittings	Vienna (Austria)	**	TC 165	Timber structures
25-29	Beijing (China)	*	TC 79	Light metals and their alloys	Kuala Lumpur (Malaysia)	**	TC 267	Facility management
25-29	Beijing (China)	**	TC 79/SC 5	Light metals and their alloys/Magnesium and alloys of cast or wrought magnesium				
					<b>3rd Quarter 2017</b>			
25-29	Beijing (China)	*	TC 79/SC 6	Light metals and their alloys/Wrought aluminium and aluminium alloys	Santander (Spain) (Unknown) (Unknown)	**	TC 92/SC 1	Fire safety/Fire initiation and growth
25-29	Florence (Italy)	*	TC 146/SC 1	Air quality/Stationary source emissions	(Unknown)	**	TC 190/SC 3	Soil quality/Evaluation of criteria, terminology and codification
25-29	(Europe)	**	TC 146/SC 6	Air quality/Indoor air	(Unknown)	**	TC 190/SC 4	Soil quality/Biological methods
25-29	Tokyo (Japan)	*	TC 205	Building environment design	(Unknown)	**	TC 190/SC 4	Soil quality/Biological methods
25-29	Dresden (Germany)	*	TC 232	Learning services outside formal education	Dublin (Ireland)	**	TC 275	Sludge recovery, recycling, treatment and disposal
25-29	Stockholm (Sweden)	*	TC 300	Solid recovered fuels	Beijing (China)	**	TC 289	Brand evaluation
					<b>October 2017</b>			
25-30	Tokyo (Japan)	*	TC 96	Cranes	2-7 Vladivostok (Russian Federation)	*	JTC 1	Information technology
26-28	London (United Kingdom)	**	TC 17/SC 17	Steel/Steel wire rod and wire products	5-6 Madrid (Spain)	*	TC 119	Powder metallurgy
26-29	Berlin (Germany)	*	TC 256	Pigments, dyestuffs and extenders	8 New Orleans (USA)	*	TC 38	Textiles
27	Düsseldorf (Germany)	*	TC 44/SC 13	Welding and allied processes/Brazing materials and processes	8-13 (India)	**	TC 113	Hydrometry
28	(Italy)	**	TC 39/SC 4	Machine tools/Woodworking machines	9-10 Xian (China)	*	TC 135/SC 9	Non-destructive testing/Acoustic emission testing
29	Virtual (Unknown)		TC 20/SC 17	Aircraft and space vehicles/Airport infrastructure	9-13 New Delhi (India)	**	TC 178	Lifts, escalators and moving walks
29	Berlin (Germany)	**	TC 254	Safety of amusement rides and amusement devices	10-13 Berlin (Germany)	**	TC 153	Valves
	London (United Kingdom)	**	JTC 1/SC 22	Information technology/Programming languages, their environments and system software interfaces	11 New Orleans (USA)	*	TC 38/SC 1	Textiles/Tests for coloured textiles and colorants
	(Australia)	**	TC 27	Solid mineral fuels	11 New Orleans (USA)	*	TC 38/SC 2	Textiles/Cleansing, finishing and water resistance tests
					11 Vienna (Austria)	*	TC 83/SC 4	Sports and other recreational facilities and equipment/Snowsports equipment



11	Winterthur (Switzerland)	*	TC 131/SC 4	Fluid power systems/ Connectors and similar products and components	23-27	Tokyo (Japan)	*	TC 172/SC 1	Optics and photonics/Fundamental standards
11	Winterthur (Switzerland)	*	TC 131/SC 6	Fluid power systems/ Contamination control	23-27	Tokyo (Japan)	*	TC 172/SC 3	Optics and photonics/Optical materials and components
11-12	(Japan)	**	TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	23-27	Sydney (Australia)		TC 209	Cleanrooms and associated controlled environments
11-13	London (United Kingdom)	*	TC 59/SC 8	Buildings and civil engineering works/ Sealants		(Unknown)	**	TC 28/SC 2	Petroleum and related products, fuels and lubricants from natural or synthetic sources/Measurement of petroleum and related products
12	New Orleans (USA)	*	TC 38/SC 23	Textiles/Fibres and yarns		Achern (Germany)	**	TC 33	Refractories
12	New Orleans (USA)	*	TC 38/SC 24	Textiles/Conditioning atmospheres and physical tests for textile fabrics		Pretoria (South Africa)	**	TC 59/SC 2	Buildings and civil engineering works/ Terminology and harmonization of languages
16	Seoul (Korea, Republic of)	*	TC 194	Biological and clinical evaluation of medical devices		Dallas (USA)	**	TC 59/SC 13	Buildings and civil engineering works/ Organization of information about construction works
16-20	Berlin (Germany)	*	TC 2	Fasteners		Pretoria (South Africa)	**	TC 59/SC 15	Buildings and civil engineering works/ Framework for the description of housing performance
16-20	Berlin (Germany)	*	TC 2/SC 7	Fasteners/Reference standards		Pretoria (South Africa)	**	TC 59/SC 18	Buildings and civil engineering works/Construction procurement
16-20	Berlin (Germany)	*	TC 2/SC 11	Fasteners/Fasteners with metric external thread		Milan (Italy)	**	TC 86/SC 7	Refrigeration and air-conditioning/Testing and rating of commercial refrigerated display cabinets
16-20	Berlin (Germany)	*	TC 2/SC 12	Fasteners/Fasteners with metric internal thread		Xian (China)	**	TC 244	Industrial furnaces and associated processing equipment
16-20	Berlin (Germany)	*	TC 2/SC 14	Fasteners/Surface coatings					
16-20	Tokyo (Japan)	*	TC 111	Round steel link chains, chain slings, components and accessories					
16-20	Tokyo (Japan)	*	TC 111/SC 1	Round steel link chains, chain slings, components and accessories/Chains and chain slings					
17-18	Qingdao (China)	*	TC 31/SC 9	Tyres, rims and valves/Valves for tube and tubeless tyres	<b>October-November 2017</b>				
17-19	Hangzhou (China)	**	TC 264	Fireworks	30-3	London (United Kingdom)	*	TC 98	Bases for design of structures
18-19	Hangzhou (China)	*	TC 105	Steel wire ropes	<b>November 2017</b>				
20	Virtual (Unknown)		President's committee	President's committee	4-10	San Antonio (USA)	*	TC 195	Building construction machinery and equipment
20	Tokyo (Japan)	*	TC 111/SC 3	Round steel link chains, chain slings, components and accessories/ Components and accessories	6	(United Kingdom)	**	TC 215	Health informatics
23-25	Tokyo (Japan)	*	TC 172	Optics and photonics	6-8	Berlin (Germany)	*	TC 172/SC 5	Optics and photonics/Microscopes and endoscopes
23-26	Brussels (Belgium)	**	TC 146/SC 2	Air quality/Workplace atmospheres	7-8	Marseille (France)	*	TC 5/SC 2	Ferrous metal pipes and metallic fittings/ Cast iron pipes, fittings and their joints
23-26	Brussels (Belgium)	**	TC 146/SC 4	Air quality/General aspects	7-11	Tokyo (Japan)	*	TC 272	Forensic sciences
23-27	(China)	**	TC 39/SC 2	Machine tools/Test conditions for metal cutting machine tools	8-9	Berlin (Germany)	*	TC 70/SC 8	Internal combustion engines/Exhaust gas emission measurement
23-27	Hawaii (USA)		TC 45	Rubber and rubber products	8-10	Manila (Philippines)	*	TC 123	Plain bearings
					10	Berlin (Germany)	*	TC 70	Internal combustion engines

17	Berlin (Germany)	*	TC 107/SC 4	Metallic and other inorganic coatings/ Hot dip coatings (galvanized, etc.)	Edinburgh (United Kingdom)	**	TC 147	Water quality	
<b>June 2018</b>									
20	Geneva (Switzerland)		CSC/SPC	Council/Strategy and Policy Committee (CSC/SPC)	4-5 (Japan)	**	TC 299	Robotics	
21	Geneva (Switzerland)		CSC/FIN	Council/Council Standing Committee on Finance (CSC/FIN)	Daegu (Korea, Republic of)	**	JTC 1/SC 36	Information technology/Information technology for learning, education and training	
	(India)	**	TC 54	Essential oils	(Norway)	**	TC 292	Security and resilience	
	(Korea, Republic of)	**	TC 184/SC 4	Automation systems and integration/Industrial data	<b>2nd Quarter 2018</b>				
	Bangkok (Thailand)	**	TC 227	Springs	(Korea, Republic of)	**	TC 6	Paper, board and pulps	
	(Australia)	**	TC 292	Security and resilience	(France)	**	TC 126	Tobacco and tobacco products	
	(China)	**	TC 309	Governance of organizations	<b>September 2018</b>				
<b>December 2017</b>					10-11	Toronto (Canada)	*	JTC 1/SC 22	Information technology/Programming languages, their environments and system software interfaces
4-5	Stockholm (Sweden)	*	TC 159/SC 4	Ergonomics/Ergonomics of human-system interaction	16-21	Stockholm (Sweden)	*	TC 164	Mechanical testing of metals
7-8	(Australia)	**	TC 180	Solar energy	24	Geneva (Switzerland)	**	COUNCIL	Council
7-8	(Australia)	**	TC 180/SC 1	Solar energy/Climate - Measurement and data	26-28	Geneva (Switzerland)	**	GA	General Assembly
8	Berlin (Germany)	*	TC 44/SC 6	Welding and allied processes/Resistance welding and allied mechanical joining	Vienna (Austria)	**	TC 5	Ferrous metal pipes and metallic fittings	
14-15	Tokyo (Japan)	*	TC 159	Ergonomics	Philadelphia (USA)	**	TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources	
	Foshan (China)	**	TC 197	Hydrogen technologies	(Japan)	**	TC 61	Plastics	
	(Unknown)	**	TC 291	Domestic gas cooking appliances	(Mexico)	**	TC 201	Surface chemical analysis	
<b>4th Quarter 2017</b>					<b>3rd Quarter 2018</b>				
	(China)	**	TC 34/SC 4	Food products/Cereals and pulses	(Japan)	**	JTC 1/SC 35	Information technology/User interfaces	
	(Unknown)	**	TC 210	Quality management and corresponding general aspects for medical devices	Tokyo (Japan)	**	TC 17	Steel	
<b>Month unknown 2017</b>					Delft (Netherlands)	**	TC 92	Fire safety	
	(China)	**	TC 301	Energy management and energy savings	Delft (Netherlands)	**	TC 92/SC 2	Fire safety/Fire containment	
<b>February 2018</b>					Delft (Netherlands)	**	TC 92/SC 3	Fire safety/Fire threat to people and environment	
12	(Sweden)	**	TC 58	Gas cylinders	Delft (Netherlands)	**	TC 92/SC 4	Fire safety/Fire safety engineering	
12-18	(Sweden)	**	TC 58/SC 4	Gas cylinders/Operational requirements for gas cylinders	Sao Paulo (Brazil)	**	TC 135	Non-destructive testing	
<b>March 2018</b>					<b>October 2018</b>				
22-23	Geneva (Switzerland)	**	COUNCIL	Council	1-2	The Hague (Netherlands)	**	TC 209	Cleanrooms and associated controlled environments
<b>1st Quarter 2018</b>					Beijing (China)	**	TC 59	Buildings and civil engineering works	
	(Netherlands)	**	JTC 1/SC 35	Information technology/User interfaces	(China)	**	TC 59/SC 13	Buildings and civil engineering works/Organization of information about construction works	
<b>April 2018</b>					(Malaysia)	**	TC 215	Health informatics	
	(USA)	**	TC 67/SC 7	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/Offshore structures	<b>Month unknown 2018</b>				

(Europe)	**	JTC 1/SC 24	Information technology/Computer graphics, image processing and environmental data representation
Zhuhai (China)	**	JTC 1/SC 28	Information technology/Office equipment
(Canada)	**	TC 23/SC 6	Tractors and machinery for agriculture and forestry/Equipment for crop protection
(Unknown)	**	TC 34	Food products
(China)	**	TC 45	Rubber and rubber products
(USA)	**	TC 94/SC 13	Personal safety -- Protective clothing and equipment/Protective clothing
(China)	**	TC 94/SC 14	Personal safety -- Protective clothing and equipment/Firefighters' personal equipment
(China)	**	TC 154	Processes, data elements and documents in commerce, industry and administration
Milan (Italy)	**	TC 161	Controls and protective devices for gas and/or oil
Buenos Aires (Argentina)	**	TC 228	Tourism and related services
(France)	**	TC 276	Biotechnology
(Mexico)	**	TC 301	Energy management and energy savings

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#### May 2019

20-24 (Japan)	**	TC 121	Anaesthetic and respiratory equipment
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#### June 2019

Beijing (China)	**	JTC 1/SC 36	Information technology/Information technology for learning, education and training
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#### Month unknown 2019

(Asia)	**	JTC 1/SC 24	Information technology/Computer graphics, image processing and environmental data representation
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#### Month unknown 2020

(North America)	**	JTC 1/SC 24	Information technology/Computer graphics, image processing and environmental data representation
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