

# ISO Update

Supplement to ISOfocus

---

**March 2017**

---

# 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 February to 28 February 2017

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

<b>PC 303</b>	<b>Guidelines on consumer warranties and guarantees</b>
ISO/CD 22059	Guidelines on consumer warranties and guarantees
<b>TC 17</b>	<b>Steel</b>
ISO/CD 20915	Life cycle inventory calculation methodology for steel products
<b>TC 20</b>	<b>Aircraft and space vehicles</b>
ISO/CD 20930	Space systems — Calibration requirements for satellite-based passive microwave sensors
<b>TC 29</b>	<b>Small tools</b>
ISO/CD 22180	CVD diamond tools — Categorisation and production
<b>TC 30</b>	<b>Measurement of fluid flow in closed conduits</b>
ISO/CD 5167-6	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full — Part 6: Wedge meters
<b>TC 31</b>	<b>Tyres, rims and valves</b>
ISO/CD 20909	Radio frequency identification (RFID) tyre tags
ISO/CD 20910	Coding for radio frequency identification (RFID) tyre tags
ISO/CD 7867-1	Tyres and rims (metric series) for agricultural tractors and machines — Part 1: Tyre designation, dimensions and marking, and tyre/rim coordination
ISO/CD 7867-2	Tyres and rims (metric series) for agricultural tractors and machines — Part 2: Service description and load ratings
ISO/CD 8664	Tyres for agricultural tractors and machines — Code-designated and service-description marked radial drive-wheel tyres
<b>TC 34</b>	<b>Food products</b>
ISO/CD 7301	Rice — Specification

<b>TC 37</b>	<b>Terminology and other language and content resources</b>
ISO/CD 30042	Systems to manage terminology, knowledge and content — TermBase eXchange (TBX)
<b>TC 38</b>	<b>Textiles</b>
ISO/CD 18184	Textiles — Determination of antiviral activity of textile products
<b>TC 43</b>	<b>Acoustics</b>
ISO/CD 9053	Acoustics — Materials for acoustical applications — Determination of airflow resistance
<b>TC 45</b>	<b>Rubber and rubber products</b>
ISO/CD 1382	Rubber — Vocabulary
ISO/DTS 21396	Rubber — Determination of mass concentration of tire and road wear particles (TRWP) in soil and sediments — Pyrolysis-GC/MS method
ISO/CD 3384-1	Rubber, vulcanized or thermoplastic — Determination of stress relaxation in compression — Part 1: Testing at constant temperature
<b>TC 46</b>	<b>Information and documentation</b>
ISO/CD 20674-1	Information and documentation — Transliteration of scripts in use in Thailand — Part 1: Transliteration of Akson-Thai-Noi
<b>TC 61</b>	<b>Plastics</b>
ISO/CD 21746	Composites and metal assemblies — Galvanic corrosion tests of carbon fibre reinforced plastics (CFRPs) related bonded or fastened structures in artificial atmospheres — Salt spray tests
<b>TC 94</b>	<b>Personal safety -- Protective clothing and equipment</b>
ISO/CD 16321-1	Eye and face protection for occupational use — Part 1: General requirements
ISO/CD 16321-2	Eye and face protection for occupational use — Part 2: Additional requirements for protectors during welding and related techniques
ISO/CD 16321-3	Eye and face protection for occupational use — Part 3: Additional requirements for mesh type eye and face protectors
ISO/CD 18526-1	Eye and face protection for occupational and sports use — Part 1: Test methods for geometric optical requirements
ISO/CD 18526-2	Eye and face protection for occupational and sports use — Part 2: Test methods for physical optical requirements
ISO/CD 18526-3	Eye and face protection for occupational and sports use — Part 3: Test methods for mechanical requirements
ISO/CD 18526-4	Eye and face protection for occupational and sports use — Part 4: Headforms for test methods
ISO/CD 18527-1	Eye and face protection for sports use — Part 1: Skiing goggles
ISO/CD 18527-2	Eye and face protection for sports use — Part 2: Eye protectors for racquet sports
ISO/CD 19734	Eye and face protection — Guidance on selection, use and maintenance
ISO/DTR 22463	2Patient/client eye protectors for protection against laser/intense light source (ILS) equipment used on humans for cosmetic and medical applications — Guidance for selection and use

<b>TC 106</b> ISO/CD 20896	<b>Dentistry</b> Dentistry — Scanning accuracy of hand-held devices for dental chairside CAD/CAM systems	ISO/CD 20951	Guidelines on the selection and the application of methods for measuring GHG (CO <sub>2</sub> , N <sub>2</sub> O, CH <sub>4</sub> ) emissions from agricultural and forest soils
<b>TC 112</b> ISO/CD 20146	<b>Vacuum technology</b> Vacuum Technology - Vacuum Gauges - Specification, calibration and expression of uncertainty of calibration results of capacitance diaphragm vacuum gauge with electrical output	<b>TC 194</b> ISO/CD 14155	<b>Biological and clinical evaluation of medical devices</b> Clinical investigation of medical devices for human subjects — Good clinical practice
ISO/CD 21360-4	Vacuum technology — Standard methods for measuring vacuum-pump performance — Part 4: Turbomolecular vacuum pumps	<b>TC 198</b> ISO 11135:2014/CD Amd 1	<b>Sterilization of health care products</b> Sterilization of health-care products — Ethylene oxide — Requirements for the development, validation and routine control of a sterilization process for medical devices — Amendment 1
<b>TC 121</b> ISO/CD TR 21954	<b>Anaesthetic and respiratory equipment</b> Guidance on the selection of the appropriate means of ventilation based on the intended patient, use environment, and operator	ISO/CD 15883-5	Washer disinfectors — Part 5: Performance requirements and test method criteria for demonstrating cleaning efficacy
ISO/CD 81060-2	Non-invasive sphygmomanometers — Part 2: Clinical investigation of intermittent automated measurement type	ISO/DTS 19572	Sterilization of health care products — Guidance on the application of ISO14937 to the sterilization of medical devices using Ethylene Oxide in a flexible sterilization chamber
<b>TC 130</b> ISO/CD 12643-1	<b>Graphic technology</b> Graphic technology — Safety requirements for graphic technology equipment and systems — Part 1: General requirements	<b>TC 199</b> ISO/CD 13857	<b>Safety of machinery</b> Safety of machinery — Safety distances to prevent hazard zones being reached by upper and lower limbs
ISO/CD 12643-2	Graphic technology — Safety requirements for graphic technology equipment and systems — Part 2: Prepress and press equipment and systems	ISO/DTS 19837	Safety of machinery — Trapped key interlocking devices — Principles for design and selection
ISO/CD 12643-3	Graphic technology — Safety requirements for graphic technology equipment and systems — Part 3: Binding and finishing equipment and systems	<b>TC 204</b> ISO/DTS 21219-21	<b>Intelligent transport systems</b> Intelligent transport systems — Traffic and Travel Information via Transport Protocol Experts Group, generation 2 (TPEG2) — Part 21: Geographic Location Referencing (TPEG-GLR)
ISO/DTS 15311-1	Graphic technology — Requirements for printed matter for commercial and industrial production — Part 1: Measurement methods and reporting schema	<b>TC 206</b> ISO/CD 21066	<b>Fine ceramics</b> Fine ceramics (advanced ceramics, advanced technical ceramics) — Qualitative and semi-quantitative assessment of the photocatalytic activities of surfaces by the reduction of resazurin in a deposited ink film
<b>TC 131</b> ISO/CD 18582-2	<b>Fluid power systems</b> Fluid power — Specifications of reference dictionary — Part 2: Classes' and properties' definitions for pneumatics	<b>TC 211</b> ISO/CD 19146	<b>Geographic information/Geomatics</b> Geographic information — Cross-domain vocabularies
<b>TC 146</b> ISO/CD 21741	<b>Air quality</b> Stationary source emissions — Sampling and determination of mercury in flue gas using gold amalgamation trap	<b>TC 212</b> ISO/CD 20916	<b>Clinical laboratory testing and in vitro diagnostic test systems</b> Clinical performance studies for in vitro diagnostic devices (IVDs) using specimens from human subjects — Good study practice
<b>TC 147</b> ISO/CD 21676	<b>Water quality</b> Water quality — Determination of selected active pharmaceutical ingredients and other organic substances in water and waste water — Method using high performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS or -HRMS) after direct injection	<b>TC 215</b> ISO/DTS 16843-5	<b>Health informatics</b> Health Informatics — Categorical structures for representation of acupuncture — Part 5: Cupping
<b>TC 150</b> ISO/CD 14708-7	<b>Implants for surgery</b> Implants for surgery — Active implantable medical devices — Part 7: Particular requirements for cochlear implant systems	ISO/DTR 20055	Health informatics — Person-owned document repository for PHR applications and health information exchange
<b>TC 159</b> ISO/CD 21055	<b>Ergonomics</b> Ergonomics — Accessible Design - Minimum legible font size for people at any age	<b>TC 229</b> ISO/CD 19807	<b>Nanotechnologies</b> Nanotechnology — Liquid suspension of magnetic nanoparticles — Characteristics and measurements
ISO/DTR 21756	Introduction to control room design series of standards	<b>TC 249</b> ISO/CD 18615	<b>Traditional chinese medicine</b> Traditional Chinese medicine — General requirements of electric radial pulse tonometric device
<b>TC 164</b> ISO/DTR 12112	<b>Mechanical testing of metals</b> Metallic materials — Fatigue testing — Multi-axis fatigue testing method	ISO/CD 20493	Traditional Chinese medicine — Infrared moxibustion-like instruments
<b>TC 173</b> ISO/CD 7176-19	<b>Assistive products for persons with disability</b> Wheelchairs — Part 19: Wheeled mobility devices for use as seats in motor vehicles	ISO/CD 20495	Traditional Chinese medicine — Electrical resistance detector at acupuncture points
<b>TC 190</b>	<b>Soil quality</b>		

ISO/CD 20498-1	Traditional Chinese medicine — Computerized tongue image analysis system — Part 1: General requirements
<b>TC 256</b> ISO/CD 787-28	<b>Pigments, dyestuffs and extenders</b> General methods of test for pigments and extenders — Part 28: Determination of total content of polychlorinated biphenyls in organic pigments by dissolution, cleanup and GC/MS
<b>TC 268</b> ISO/CD 37158	<b>Sustainable cities and communities</b> Smart community infrastructures — Battery-powered bus transportation systems to solve environmental and safety issues in cities
<b>TMBG</b> ISO/IEC CD 80079-34	<b>Technical Management Board - groups</b> Explosive atmospheres — Part 34: Application of quality systems for equipment manufacture
<b>JTC 1</b> ISO/IEC PDTR 22512	<b>Information technology</b> Information technology — Telecommunications and information exchange between systems — Close Capacitive Coupling Communication Physical Layer (CCCC PHY) — Guidelines for the implementation of ISO/IEC 17982
ISO/IEC/IEEE CD 29148	Systems and software engineering — Life cycle processes — Requirements engineering
ISO/IEC CD 14763-2	Information technology — Implementation and operation of customer premises cabling — Part 2: Planning and installation
ISO/IEC 23000-19/ PDAM 1	Information technology — Multimedia application format (MPEG-A) — Part 19: Common media application format (CMAF) — Amendment 1
ISO/IEC CD 23000-20	Information technology — Multimedia application format (MPEG-A) — Part 20: Omnidirectional media application format
ISO/IEC 23001-11:2015/PDAM 3	Information technology — MPEG systems technologies — Part 11: Energy-efficient media consumption (green metadata) — Amendment 3
ISO/IEC CD 23001-13	Information technology — MPEG systems technologies — Part 13: Media orchestration
ISO/IEC 23008-2/ PDAM 3	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 2: High efficiency video coding — Amendment 3
ISO/IEC 23008-4/ PDAM 1	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 4: MMT reference and conformance software — Amendment 1
ISO/IEC PDTS 20071-15	Information technology — User interface component accessibility — Part 15: Guidance on scanning visual information for presentation as text in various modalities
ISO/IEC CD 29138-1	Information technology — Accessibility considerations for people with disabilities — Part 1: User needs summary
ISO/IEC CD 19785-3	Information technology — Common Biometric Exchange Formats Framework — Part 3: Patron format specifications
ISO/IEC CD 30137-2	Use of biometrics in video surveillance systems — Part 2: Performance testing and reporting

Period from 01 February to 28 February 2017

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

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

\* Available in English only

Vote terminates

<b>PC 245</b> ISO/DIS 20245	<b>Cross-border trade of second-hand goods</b> Cross-border trade of second-hand goods (Revision of ISO/TS 20245:2014)	2017-05-05
<b>TC 4</b> ISO/DIS 3096	<b>Rolling bearings</b> Rolling bearings — Needle rollers — Boundary dimensions, geometrical product specifications (GPS) and tolerance values (Revision of ISO 3096:1996, ISO 3096:1996/Cor 1:1999)	2017-05-10
ISO/DIS 7063	Rolling bearings — Needle roller bearing track rollers — Boundary dimensions, geometrical product specifications (GPS) and tolerance values (Revision of ISO 7063:2003)	2017-05-10
ISO/DIS 20056-2	Rolling bearings — Load ratings for hybrid bearings with rolling elements made of ceramic — Part 2: Static load ratings	2017-05-08
<b>TC 8</b> ISO/DIS 20053	<b>Ships and marine technology</b> Ships and marine technology — Marine environment protection — Guidance on design and selection of sorbents	
<b>TC 20</b> ISO/DIS 16157	<b>Aircraft and space vehicles</b> Space systems — Human-life activity support systems and equipment integration in space flight — Techno-medical requirements for space vehicle human habitation environments	2017-05-04
ISO/DIS 16726	Space systems — Human-life activity support systems and equipment integration in space flight — Techno-medical requirements for space vehicle human habitation environments — Requirements for the air quality affected by harmful chemical contaminants	2017-05-04
ISO/DIS 17763	Space systems — Human-life activity support systems and equipment integration in space flight	2017-05-04
<b>TC 22</b> ISO/DIS 21308-6	<b>Road vehicles</b> Road vehicles — Product data exchange between chassis and bodywork manufacturers (BEP) — Part 6: Coding of hook loader bodywork	2017-05-03

## DIS circulated

ISO/DIS 21308-7	*	Road vehicles — Product data exchange between chassis and body work manufacturers (BEP) — Part 7: Coding of skip loader bodywork	2017-05-03	ISO/DIS 19650-1	*	Organization of information about construction works — Information management using building information modelling — Part 1: Concepts and principles	2017-05-12
<b>TC 29</b>		<b>Small tools</b>		ISO/DIS 19650-2	*	Organization of information about construction works — Information management using building information modelling — Part 2: Delivery phase of assets	2017-05-12
ISO/DIS 1703	*	Assembly tools for screws and nuts — Nomenclature	2017-05-16				
		(Revision of ISO 1703:2005)		<b>TC 61</b>		<b>Plastics</b>	
<b>TC 31</b>		<b>Tyres, rims and valves</b>		ISO/DIS 10927	*	Plastics — Determination of the molecular mass and molecular mass distribution of polymer species by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF-MS) (Revision of ISO 10927:2011)	
ISO/DIS 19940	*	Tyre stiffness index testing procedure for passenger extended mobility and run flat tyres	2017-05-09	ISO/DIS 14852	*	Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium — Method by analysis of evolved carbon dioxide (Revision of ISO 14852:1999, ISO 14852:1999/Cor 1:2005)	
ISO/DIS 4250-2	*	Earth-mover tyres and rims — Part 2: Loads and inflation pressures	2017-05-03				
		(Revision of ISO 4250-2:2014)		ISO/DIS 19935-1.2	*	Plastics — Temperature modulated DSC — Part 1: General principles	2017-04-17
<b>TC 34</b>		<b>Food products</b>		ISO/DIS 21970-1	*	Plastics — Polyketone (PK) moulding and extrusion materials — Part 1: Designation system and basis for specifications	2017-05-03
ISO 6888-1:1999/DAmD 2	*	Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of coagulase-positive staphylococci ( <i>Staphylococcus aureus</i> and other species) — Part 1: Technique using Baird-Parker agar medium — Amendment 2: Inclusion of an alternative confirmation procedure	2017-05-15	ISO/DIS 21970-2	*	Plastics — Polyketone (PK) moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties	2017-05-03
ISO/DIS 16649-1	*	Microbiology of the food chain — Horizontal method for the enumeration of beta-glucuronidase-positive <i>Escherichia coli</i> — Part 1: Colony-count technique at 44 degrees C using membranes and 5-bromo-4-chloro-3-indolyl beta-D-glucuronide (Revision of ISO 16649-1:2001)	2017-05-15	ISO/DIS 4586-1	*	High-pressure decorative laminates (HPL, HPDL) — Sheets based on thermosetting resins (Usually called Laminates) — Part 1: Introduction and general information (Revision of ISO 4586-1:2015)	2017-05-12
<b>TC 38</b>		<b>Textiles</b>		ISO/DIS 4586-2	*	High-pressure decorative laminates (HPL, HPDL) — Sheets based on thermosetting resins (Usually called Laminates) — Part 2: Determination of properties (Revision of ISO 4586-2:2015)	2017-05-12
ISO/DIS 15797	*	Textiles — Industrial washing and finishing procedures for testing of work wear	2017-05-03	ISO/DIS 4586-3	*	High-pressure decorative laminates (HPL, HPDL) — Sheets based on thermosetting resins (Usually called Laminates) — Part 3: Classification and specifications for laminates less than 2 mm thick and intended for bonding to supporting substrates (Revision of ISO 4586-3:2015)	2017-05-12
		(Revision of ISO 15797:2002, ISO 15797:2002/Cor 1:2004)		ISO/DIS 4586-4	*	High-pressure decorative laminates (HPL, HPDL) — Sheets based on thermosetting resins (Usually called Laminates) — Part 4: Classification and specifications for compact laminates of thickness 2 mm and greater (Revision of ISO 4586-4:2015)	2017-05-12
<b>TC 41</b>		<b>Pulleys and belts (including veebelts)</b>					
ISO/DIS 5288	*	Synchronous belt drives — Vocabulary	2017-06-06				
		(Revision of ISO 5288:2001)					
<b>TC 58</b>		<b>Gas cylinders</b>					
ISO/DIS 5145	*	Gas cylinders — Cylinder valve outlets for gases and gas mixtures — Selection and dimensioning (Revision of ISO 5145:2014)	2017-05-09				
ISO 11118:2015/DAmD 1	*	Gas cylinders — Non-refillable metallic gas cylinders — Specification and test methods — Amendment 1	2017-04-27				
<b>TC 59</b>		<b>Buildings and civil engineering works</b>					

ISO/DIS 4586-5	*	High-pressure decorative laminates (HPL, HPDL) — Sheets based on thermosetting resins (Usually called Laminates) — Part 5: Classification and specifications for flooring grade laminates less than 2 mm thick intended for bonding to supporting substrates (Revision of ISO 4586-5:2015)	2017-05-12	ISO/DIS 19023	*	Dentistry — Orthodontic anchor screws	2017-05-29
<b>TC 107</b>				<b>Metallic and other inorganic coatings</b>			
ISO/DIS 4586-6	*	High-pressure decorative laminates (HPL, HPDL) — Sheets based on thermosetting resins (Usually called Laminates) — Part 6: Classification and specifications for exterior-grade compact laminates of thickness 2 mm and greater (Revision of ISO 4586-6:2015)	2017-05-12	ISO/DIS 17836	*	Thermal spraying — Determination of the deposition efficiency for thermal spraying (Revision of ISO 17836:2004)	2017-05-03
<b>TC 110</b>				<b>Industrial trucks</b>			
ISO/DIS 4586-7	*	High-pressure decorative laminates (HPL, HPDL) — Sheets based on thermosetting resins (Usually called Laminates) — Part 7: Classification and specifications for design laminates (Revision of ISO 4586-7:2015)	2017-05-12	ISO/DIS 6055	*	Industrial trucks — Overhead guards — Specification and testing (Revision of ISO 6055:2004)	2017-05-18
<b>TC 121</b>				<b>Anaesthetic and respiratory equipment</b>			
ISO/DIS 4586-8	*	High-pressure decorative laminates (HPL, HPDL) — Sheets based on thermosetting resins (Usually called Laminates) — Part 8: Classification and specifications for alternative core laminates (Revision of ISO 4586-8:2015)	2017-05-12	ISO 7396-1:2016/DAMd 1	*	Medical gas pipeline systems — Part 1: Pipeline systems for compressed medical gases and vacuum — Amendment 1	2017-05-12
ISO/DIS 6237	*	Adhesives — Wood-to-wood adhesive bonds — Determination of shear strength by tensile loading (Revision of ISO 6237:2003)	2017-04-28	ISO/DIS 10524-1	*	Pressure regulators for use with medical gases — Part 1: Pressure regulators and pressure regulators with flow-metering devices (Revision of ISO 10524-1:2006)	2017-05-12
<b>TC 69</b>				<b>Applications of statistical methods</b>			
ISO/DIS 11843-7	*	Capability of detection — Part 7: Methodology based on stochastic properties of instrumental noise (Revision of ISO 11843-7:2012)	2017-05-01	ISO/DIS 10524-2	*	Pressure regulators for use with medical gases — Part 2: Manifold and line pressure regulators (Revision of ISO 10524-2:2005)	2017-05-12
<b>TC 84</b>				<b>Devices for administration of medicinal products and catheters</b>			
ISO/DIS 20696	*	Sterile urethral catheters for single use	2017-05-02	ISO/DIS 10524-3	*	Pressure regulators for use with medical gases — Part 3: Pressure regulators integrated with cylinder valves (VIPRs) (Revision of ISO 10524-3:2005, ISO 10524-3:2005/Amd 1:2013)	2017-05-12
ISO/DIS 20697	*	Sterile drainage catheters and accessory devices for single use	2017-05-02	ISO 15002:2008/DAMd 1	*	Flow-metering devices for connection to terminal units of medical gas pipeline systems — Amendment 1	2017-05-12
<b>TC 84</b>				<b>Tobacco and tobacco products</b>			
ISO/DIS 19677	*	Guidelines for assessing the adverse impact of wildland fires on the environment and to people through environmental exposure	2017-05-08	ISO 4387:2000/DAMd 2	*	Cigarettes — Determination of total and nicotine-free dry particulate matter using a routine analytical smoking machine — Amendment 2	2017-05-10
<b>TC 92</b>				<b>Fire safety</b>			
ISO/DIS 21283	*	Iron ores — Determination of specific surface area — Test method using air-permeability apparatus (Blaine)	2017-04-28	ISO/DIS 17175	*	Bidis — Determination of total and nicotine-free dry particulate matter using a routine analytical smoking machine	2017-05-02
<b>TC 102</b>				<b>Fertilizers and soil conditioners</b>			
ISO/DIS 21283	*	Iron ores — Determination of specific surface area — Test method using air-permeability apparatus (Blaine)	2017-04-28	ISO/DIS 20702	*	Determination of microamount of inorganic anions in fertilizers by ion chromatography	2017-05-09
<b>TC 106</b>				<b>Water quality</b>			
<b>Dentistry</b>				ISO/DIS 19340	*	Water quality — Determination of dissolved perchlorate — Method using ion chromatography (IC)	2017-05-15
<b>TC 150</b>				<b>Implants for surgery</b>			

ISO/DIS 17327-1	*	Non-active surgical implants — Implant coating — Part 1: General requirements	2017-05-02	ISO/DIS 16300-3	*	Automation systems and integration — Interoperability of capability units for manufacturing application solutions — Part 3: Verification and validation of interoperability among capability units	2017-05-10
ISO/DIS 19090	*	Tissue-engineered medical products — Bioactive ceramics — Cell migration ability test for porous body	2017-05-18	ISO/DIS 20140-2	*	Automation systems and integration — Evaluating energy efficiency and other factors of manufacturing systems that influence the environment — Part 2: Environmental performance evaluation process	2017-05-04
<b>TC 155</b>		<b>Nickel and nickel alloys</b>		<b>TC 194</b>		<b>Biological and clinical evaluation of medical devices</b>	
ISO/DIS 7529	*	Nickel alloys — Determination of chromium content — Potentiometric titration method with ammonium iron(II) sulfate (Revision of ISO 7529:1989)	2017-05-15	ISO/DIS 10993-1	*	Biological evaluation of medical devices — Part 1: Evaluation and testing within a risk management process (Revision of ISO 10993-1:2009, ISO 10993-1:2009/Cor 1:2010)	2017-05-15
ISO/DIS 11437	*	Nickel alloys — Determination of lead — Electrothermal atomic absorption spectrometric method (Revision of ISO 11437-1:1994, ISO 11437-2:1994)	2017-05-16	<b>TC 195</b>		<b>Building construction machinery and equipment</b>	
<b>TC 156</b>		<b>Corrosion of metals and alloys</b>		ISO 13105-2:2014/DAmD 1	*	Building construction machinery and equipment — Machinery for concrete surface floating and finishing — Part 2: Safety requirements and verification — Amendment 1	2017-05-10
ISO/DIS 11130	*	Corrosion of metals and alloys — Alternate immersion test in salt solution (Revision of ISO 11130:2010)		<b>TC 210</b>		<b>Quality management and corresponding general aspects for medical devices</b>	
<b>TC 163</b>		<b>Thermal performance and energy use in the built environment</b>		ISO 80369-3:2016/DAmD 1	*	Small-bore connectors for liquids and gases in healthcare applications — Part 3: Connectors for enteral applications — Amendment 1: .	2017-05-19
ISO/DIS 7345	*	Thermal performance of buildings and building components — Physical quantities and definitions (Revision of ISO 7345:1987)	2017-05-16	<b>TC 220</b>		<b>Cryogenic vessels</b>	
<b>TC 171</b>		<b>Document management applications</b>		ISO/DIS 21012	*	Cryogenic vessels — Hoses	2017-05-30
ISO/DIS 19475-1	*	Document management applications — Minimum requirements for the storage of documents — Part 1: Capture	2017-05-02			(Revision of ISO 21012:2006)	
ISO/DIS 19475-2	*	Document management applications — Minimum requirements for the storage of documents — Part 2: Storage	2017-05-02	<b>TC 228</b>		<b>Tourism and related services</b>	
<b>TC 172</b>		<b>Optics and photonics</b>		ISO/DIS 20410	*	Tourism and related services — Bareboat Charter — Minimum service and equipment requirements	2017-05-02
ISO/DIS 10110-14	*	Optics and photonics — Preparation of drawings for optical elements and systems — Part 14: Wavefront deformation tolerance (Revision of ISO 10110-14:2007)	2017-05-04	<b>TC 249</b>		<b>Traditional chinese medicine</b>	
ISO/DIS 11979-7	*	Ophthalmic implants — Intraocular lenses — Part 7: Clinical investigations of intraocular lenses for the correction of aphakia (Revision of ISO 11979-9:2006, ISO 11979-7:2014, ISO 11979-9:2006/Amd 1:2014)	2017-04-27	ISO/DIS 20759	*	Traditional chinese medicine — Artemisia argyi leaf	2017-05-15
ISO 14889:2013/DAmD 1	*	Ophthalmic optics — Spectacle lenses — Fundamental requirements for uncut finished lenses — Amendment 1	2017-05-10	<b>TC 262</b>		<b>Risk management</b>	
<b>TC 176</b>		<b>Quality management and quality assurance</b>		ISO/DIS 31000	*	Risk management — Guidelines	2017-05-12
ISO/DIS 10006	*	Quality management systems — Guidelines for quality management in projects (Revision of ISO 10006:2003)	2017-05-19			(Revision of ISO 31000:2009)	
<b>TC 184</b>		<b>Automation systems and integration</b>		<b>TC 268</b>		<b>Sustainable cities and communities</b>	
				ISO/DIS 37153	*	Smart community infrastructures — Maturity model for assessment and improvement	2017-05-19
				<b>JTC 1</b>		<b>Information technology</b>	

ISO/IEC DIS 19987	* Information technology — EPC Information services — Specification  (Revision of ISO/IEC 19987:2015)	2017-05-10	ISO/FDIS 17770	* Space systems — Cube satellites (CubeSats)	2017-04-11
ISO/IEC DIS 19988	* Information technology — GS1 Core Business Vocabulary (CBV)  (Revision of ISO/IEC 19988:2015)	2017-05-10	<b>TC 23</b>	<b>Tractors and machinery for agriculture and forestry</b>	
ISO/IEC DIS 22076	* Information technology — The open trusted technology provider standard (O-TTPS) — Mitigating maliciously tainted and counterfeit products assessment procedures v1.1.1	2017-04-28	ISO/FDIS 4254-9	* Agricultural machinery — Safety — Part 9: Seed drills  (Revision of ISO 4254-9:2008)	2017-04-06
ISO/IEC DIS 24748-1	* Systems and software engineering — Life cycle management — Part 1: Guidelines for life cycle management (Revision of ISO/IEC TS 24748-1:2016)	2017-05-09	<b>TC 29</b>	<b>Small tools</b>	
ISO/IEC DIS 19941	* Information technology — Cloud computing — Interoperability and portability	2017-04-28	ISO/FDIS 3364	* Indexable hardmetal (carbide) inserts with rounded corners, with cylindrical fixing hole — Dimensions (Revision of ISO 3364:2011)	2017-04-22
			<b>TC 34</b>	<b>Food products</b>	
			ISO/FDIS 10272-1	* Microbiology of the food chain — Horizontal method for detection and enumeration of <i>Campylobacter</i> spp. — Part 1: Detection method (Revision of ISO 10272-1:2006)	
			ISO/FDIS 10272-2	* Microbiology of the food chain — Horizontal method for detection and enumeration of <i>Campylobacter</i> spp. — Part 2: Colony-count technique (Revision of ISO/TS 10272-2:2006)	
			ISO/FDIS 19020	* Microbiology of the food chain — Horizontal method for the immunoenzymatic detection of staphylococcal enterotoxins in foodstuffs	2017-04-13
			ISO/FDIS 21872	* Microbiology of the food chain — Horizontal method for the detection of potentially enteropathogenic <i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> and <i>Vibrio vulnificus</i> (Revision of ISO/TS 21872-1:2007, ISO/TS 21872-2:2007, ISO/TS 21872-1:2007/Cor 1:2008)	2017-04-13
			<b>TC 45</b>	<b>Rubber and rubber products</b>	
<b>TC 6</b>	<b>Paper, board and pulps</b>		ISO/FDIS 36	* Rubber, vulcanized or thermoplastic — Determination of adhesion to textile fabrics  (Revision of ISO 36:2011)	2017-04-08
ISO/FDIS 11093-8	* Paper and board — Testing of cores — Part 8: Determination of natural frequency and flexural modulus by experimental modal analysis (Revision of ISO 11093-8:2012, ISO 11093-8:2012/Cor 1:2013)	2017-04-12	ISO/FDIS 2878	* Rubber, vulcanized or thermoplastic — Antistatic and conductive products — Determination of electrical resistance (Revision of ISO 2878:2011)	2017-04-08
ISO/FDIS 11475.2	* Paper and board — Determination of CIE whiteness, D65/10 degrees (outdoor daylight)  (Revision of ISO 11475:2004)	2017-04-01	ISO/FDIS 5600	* Rubber — Determination of adhesion to rigid materials using conical shaped parts  (Revision of ISO 5600:2011)	2017-04-15
<b>TC 17</b>	<b>Steel</b>		ISO/FDIS 19846	* Reclaimed rubber — Coding and classification system	2017-03-31
ISO/FDIS 14404-3	* Calculation method of carbon dioxide emission intensity from iron and steel production — Part 3: Steel plant with electric arc furnace (EAF) and coal-based or gas-based direct reduction iron (DRI) facility	2017-04-04	<b>TC 58</b>	<b>Gas cylinders</b>	
<b>TC 20</b>	<b>Aircraft and space vehicles</b>		ISO/FDIS 17879	* Gas cylinders — Self-closing cylinder valves — Specification and type testing	2017-04-08

## FDIS circulated

Period from 01 February to 28 February 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 61</b>	<b>Plastics</b>			ISO/FDIS 5659-2	* Plastics — Smoke generation — Part 2: Determination of optical density by a single-chamber test  (Revision of ISO 5659-2:2012)	2017-04-08	ISO/FDIS 5801	* Fans — Performance testing using standardized airways  (Revision of ISO 5801:2007, ISO 5801:2007/Cor 1:2008)	2017-04-15
<b>TC 83</b>	<b>Sports and other recreational facilities and equipment</b>			ISO/FDIS 19202-1	* Summer toboggan runs — Part 1: Safety requirements and test methods	2017-04-10	<b>TC 127</b>	<b>Earth-moving machinery</b>	
				ISO/FDIS 19202-2	* Summer toboggan runs — Part 2: Safety requirements for operation	2017-04-07	ISO/FDIS 20474-1	* Earth-moving machinery — Safety — Part 1: General requirements  (Revision of ISO 20474-1:2008)	2017-04-06
							ISO/FDIS 20474-2	* Earth-moving machinery — Safety — Part 2: Requirements for dozers  (Revision of ISO 20474-2:2008)	2017-04-06
<b>TC 85</b>	<b>Nuclear energy, nuclear technologies, and radiological protection</b>			ISO/FDIS 12800	* Nuclear fuel technology — Guidelines on the measurement of the specific surface area of uranium oxide powders by the BET method  (Revision of ISO 12800:2003)	2017-04-15	ISO/FDIS 20474-3	* Earth-moving machinery — Safety — Part 3: Requirements for loaders  (Revision of ISO 20474-3:2008)	2017-04-06
<b>TC 92</b>	<b>Fire safety</b>			ISO/FDIS 3008-2	* Fire-resistance tests — Part 2: Lift landing door assemblies  (Revision of ISO 3008-2:2014)	2017-04-08	ISO/FDIS 20474-4	* Earth-moving machinery — Safety — Part 4: Requirements for backhoe loaders  (Revision of ISO 20474-4:2008)	2017-04-06
<b>TC 94</b>	<b>Personal safety -- Protective clothing and equipment</b>			ISO/FDIS 13506-1	* Protective clothing against heat and flame — Part 1: Test method for complete garments — Measurement of transferred energy using an instrumented manikin  (Revision of ISO 13506:2008)	2017-04-22	ISO/FDIS 20474-5	* Earth-moving machinery — Safety — Part 5: Requirements for hydraulic excavators  (Revision of ISO 20474-5:2008)	2017-04-06
				ISO/FDIS 13506-2	* Protective clothing against heat and flame — Part 2: Skin burn injury prediction — Calculation requirements and test cases  (Revision of ISO 13506:2008)	2017-04-22	ISO/FDIS 20474-6	Earth-moving machinery — Safety — Part 6: Requirements for dumpers  (Revision of ISO 20474-6:2008)	2017-04-11
<b>TC 106</b>	<b>Dentistry</b>			ISO/FDIS 22112	* Dentistry — Artificial teeth for dental prostheses  (Revision of ISO 22112:2005)	2017-04-05	ISO/FDIS 20474-7	* Earth-moving machinery — Safety — Part 7: Requirements for scrapers  (Revision of ISO 20474-7:2008)	2017-04-06
				ISO/FDIS 19490	* Dentistry — Sinus membrane elevator	2017-04-15	ISO/FDIS 20474-8	* Earth-moving machinery — Safety — Part 8: Requirements for graders  (Revision of ISO 20474-8:2008)	2017-04-06
				ISO/FDIS 11609	* Dentistry — Dentifrices — Requirements, test methods and marking  (Revision of ISO 11609:2010)	2017-04-14	ISO/FDIS 20474-9	* Earth-moving machinery — Safety — Part 9: Requirements for pipelayers  (Revision of ISO 20474-9:2008)	2017-04-06
<b>TC 107</b>	<b>Metallic and other inorganic coatings</b>			ISO/FDIS 20267	* Thermal spraying — Determination of interfacial toughness of ceramic coatings by indentation	2017-04-15	ISO/FDIS 20474-10	* Earth-moving machinery — Safety — Part 10: Requirements for trenchers  (Revision of ISO 20474-10:2008)	2017-04-06
<b>TC 117</b>	<b>Fans</b>						ISO/FDIS 20474-11	* Earth-moving machinery — Safety — Part 11: Requirements for landfill compactors  (Revision of ISO 20474-11:2008)	2017-04-06
							ISO/FDIS 20474-12	* Earth-moving machinery — Safety — Part 12: Requirements for cable excavators  (Revision of ISO 20474-12:2008)	2017-04-06
							ISO/FDIS 20474-13	* Earth-moving machinery — Safety — Part 13: Requirements for rollers  (Revision of ISO 20474-13:2008)	2017-04-06
							<b>TC 135</b>	<b>Non-destructive testing</b>	

ISO/FDIS 18563-2	*	Non-destructive testing — Characterization and verification of ultrasonic phased array equipment — Part 2: Probes	2017-04-01	ISO/FDIS 8980-2	*	Ophthalmic optics — Uncut finished spectacle lenses — Part 2: Specifications for power-variation lenses (Revision of ISO 8980-2:2004, ISO 8980-2:2004/Cor 1:2006)	2017-04-25
<b>TC 138</b>		<b>Plastics pipes, fittings and valves for the transport of fluids</b>		ISO/FDIS 11978	*	Ophthalmic optics — Contact lenses and contact lens care products — Labelling  (Revision of ISO 11978:2014)	2017-05-18
ISO/FDIS 16611.2		Plastics piping systems for drainage and sewerage without pressure — Non-circular pipes and joints made of glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resins (UP) — Dimensions, requirements and tests	2017-04-18	ISO/FDIS 21987	*	Ophthalmic optics — Mounted spectacle lenses  (Revision of ISO 21987:2009)	2017-04-25
<b>TC 147</b>		<b>Water quality</b>		<b>TC 183</b>		<b>Copper, lead, zinc and nickel ores and concentrates</b>	
ISO/FDIS 20227	*	Water quality — Determination of the growth inhibition effects of waste waters, natural waters and chemicals on the duckweed <i>Spirodela polyrhiza</i> — Method using a stock culture independent microbiotest	2017-04-08	ISO/FDIS 11790	*	Copper, lead, zinc and nickel concentrates — Guidelines for the inspection of mechanical sampling systems (Revision of ISO 11790:2010)	2017-04-19
<b>TC 150</b>		<b>Implants for surgery</b>		<b>TC 190</b>		<b>Soil quality</b>	
ISO/FDIS 19233-1	*	Implants for surgery — Orthopaedic joint prosthesis — Part 1: Procedure for producing parametric 3D bone models from CT data of the knee	2017-04-01	ISO/FDIS 14239	*	Soil quality — Laboratory incubation systems for measuring the mineralization of organic chemicals in soil under aerobic conditions (Revision of ISO 14239:1997)	2017-04-25
ISO/FDIS 18192-3	*	Implants for surgery — Wear of total intervertebral spinal disc prostheses — Part 3: Impingement-wear testing and corresponding environmental conditions for test of lumbar prostheses under adverse kinematic conditions	2017-04-25	<b>TC 195</b>		<b>Building construction machinery and equipment</b>	
<b>TC 164</b>		<b>Mechanical testing of metals</b>		ISO/FDIS 19720-1	*	Building construction machinery and equipment — Plants for the preparation of concrete and mortar — Part 1: Terminology and commercial specifications	2017-04-25
ISO/FDIS 1099	*	Metallic materials — Fatigue testing — Axial force-controlled method  (Revision of ISO 1099:2006)	2017-04-11	<b>TC 204</b>		<b>Intelligent transport systems</b>	
<b>TC 165</b>		<b>Timber structures</b>		ISO 12813:2015/ FDAmD 1	*	Electronic fee collection — Compliance check communication for autonomous systems — Amendment 1	2017-04-20
ISO/FDIS 8375	*	Timber structures — Glued laminated timber — Test methods for determination of physical and mechanical properties (Revision of ISO 8375:2009)	2017-04-18	ISO 13141:2015/ FDAmD 1	*	Electronic fee collection — Localisation augmentation communication for autonomous systems — Amendment 1	2017-04-20
<b>TC 171</b>		<b>Document management applications</b>		ISO/FDIS 17361	*	Intelligent transport systems — Lane departure warning systems — Performance requirements and test procedures (Revision of ISO 17361:2007)	2017-04-19
ISO/FDIS 18829	*	Document management — Assessing ECM/EDRM implementations — Trustworthiness	2017-04-20	<b>TC 209</b>		<b>Cleanrooms and associated controlled environments</b>	
<b>TC 172</b>		<b>Optics and photonics</b>		ISO/FDIS 14644-13	*	Cleanrooms and associated controlled environments — Part 13: Cleaning of surfaces to achieve defined levels of cleanliness in terms of particle and chemical classifications	2017-04-25
ISO/FDIS 8255-1	*	Microscopes — Cover glasses — Part 1: Dimensional tolerances, thickness and optical properties (Revision of ISO 8255-1:2011)	2017-04-18	<b>TC 219</b>		<b>Floor coverings</b>	
ISO/FDIS 8980-1	*	Ophthalmic optics — Uncut finished spectacle lenses — Part 1: Specifications for single-vision and multifocal lenses (Revision of ISO 8980-1:2004, ISO 8980-1:2004/Cor 1:2006)	2017-04-25	ISO 11378-2:2001/ FDAmD 1	*	Textile floor coverings — Laboratory soiling tests — Part 2: Drum test — Amendment 1	2017-04-08
				<b>TC 249</b>		<b>Traditional chinese medicine</b>	

ISO/FDIS 18662-1	*	Traditional Chinese medicine — Vocabulary — Part 1: Chinese Materia Medica	2017-04-13
ISO/FDIS 20308	*	Traditional Chinese medicine — Gua Sha instruments	2017-04-15
ISO/FDIS 20409	*	Traditional Chinese medicine — Panax notoginseng root and rhizome	
ISO/FDIS 20498-2	*	Traditional Chinese medicine — Computerized tongue image analysis system — Part 2: Light environment	2017-04-11

## JTC 1

## Information technology

ISO/IEC FDIS 30182	*	Smart city concept model — Guidance for establishing a model for data interoperability	2017-04-11	
ISO/IEC 15693-3:2009/ FDAmD 4	*	Identification cards — Contactless integrated circuit cards — Vicinity cards — Part 3: Anticollision and transmission protocol — Amendment 4: Security framework	2017-04-11	
ISO/IEC FDIS 10116	*	Information technology — Security techniques — Modes of operation for an n-bit block cipher  (Revision of ISO/IEC 10116:2006, ISO/IEC 10116:2006/Cor 1:2008)	2017-04-11	
ISO/IEC FDIS 11770-4	*	Information technology — Security techniques — Key management — Part 4: Mechanisms based on weak secrets (Revision of ISO/IEC 11770-4:2006, ISO/IEC 11770-4:2006/Cor 1:2009)	2017-04-19	
ISO/IEC FDIS 19592-2	*	Information technology — Security techniques — Secret sharing — Part 2: Fundamental mechanisms	2017-04-25	
ISO/IEC FDIS 20009-4	*	Information technology — Security techniques — Anonymous entity authentication — Part 4: Mechanisms based on weak secrets	2017-04-20	
ISO/IEC FDIS 29134	*	Information technology — Security techniques — Guidelines for privacy impact assessment	2017-04-18	
ISO/IEC FDIS 18477-7	*	Information technology — Scalable compression and coding of continuous-tone still images — Part 7: HDR Floating-Point Coding (Revision of ISO/IEC 18477-7:2016)	2017-04-01	
ISO/IEC FDIS 23001-4	*	Information technology — MPEG systems technologies — Part 4: Codec configuration representation (Revision of ISO/IEC 23001-4:2014)	2017-04-20	

# Standards published

New International Standards published between 01 February and 28 February 2017

\* Available in English only

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

## COPOLCO

ISO/IEC Guide  
46:2017

## Committee on consumer policy

\* Comparative testing of consumer products and related services — General principles

A

## PC 286

ISO  
44001:2017

## Collaborative business relationship management -- Framework

\* Collaborative business relationship management systems — Requirements and framework

G

## TC 4

ISO  
14728-1:2017

## Rolling bearings

Rolling bearings — Linear motion rolling bearings — Part 1: Dynamic load ratings and rating life

C

ISO  
14728-2:2017

Rolling bearings — Linear motion rolling bearings — Part 2: Static load ratings

B

## TC 8

ISO  
20519:2017

## Ships and marine technology

\* Ships and marine technology — Specification for bunkering of liquefied natural gas fuelled vessels

F

ISO  
18139:2017

\* Ships and marine technology — Globe valves for use in low temperature applications — Design and testing requirements

C

ISO  
13643-1:2017

\* Ships and marine technology — Manoeuvring of ships — Part 1: General concepts, quantities and test conditions

F

ISO  
13643-2:2017

\* Ships and marine technology — Manoeuvring of ships — Part 2: Turning and yaw checking

D

ISO  
13643-3:2017

\* Ships and marine technology — Manoeuvring of ships — Part 3: Yaw stability and steering

D

ISO  
13643-4:2017

\* Ships and marine technology — Manoeuvring of ships — Part 4: Stopping, acceleration, traversing

B

ISO  
13643-5:2017

\* Ships and marine technology — Manoeuvring of ships — Part 5: Submarine specials

D

ISO 13643-6:2017	*	Ships and marine technology — Manoeuvring of ships — Part 6: Model test specials	F	ISO 2250:2017	Finishing reamers for Morse and metric tapers, with cylindrical shanks and Morse taper shanks	A
<b>TC 17</b>		<b>Steel</b>		ISO 2284:2017	Hand taps for parallel and taper pipe threads — General dimensions and marking	B
ISO 4885:2017		Ferrous materials — Heat treatments — Vocabulary	A	ISO 5468:2017	Rotary and rotary impact masonry drill bits with hardmetal tips — Dimensions	A
ISO 16120-2:2017		Non-alloy steel wire rod for conversion to wire — Part 2: Specific requirements for general purpose wire rod	B	ISO 6789-1:2017	Assembly tools for screws and nuts — Hand torque tools — Part 1: Requirements and methods for design conformance testing and quality conformance testing: minimum requirements for declaration of conformance	D
<b>TC 20</b>		<b>Aircraft and space vehicles</b>		ISO 6789-2:2017	Assembly tools for screws and nuts — Hand torque tools — Part 2: Requirements for calibration and determination of measurement uncertainty	F
ISO 11218:2017	*	Aerospace — Cleanliness classification for hydraulic fluids	A	<b>TC 34</b>	<b>Food products</b>	
ISO 19826:2017	*	Space systems — Programme management — Management of product characteristics	C	ISO 6579-1:2017	Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp.	F
ISO/TR 20590:2017	*	Space systems - Debris mitigation design and operation manual for launch vehicle orbital stages	E	ISO 663:2017	Animal and vegetable fats and oils — Determination of insoluble impurities content	A
<b>TC 21</b>		<b>Equipment for fire protection and fire fighting</b>		ISO 3960:2017	Animal and vegetable fats and oils — Determination of peroxide value — Iodometric (visual) endpoint determination	B
ISO 6182-13:2017	*	Fire protection — Automatic sprinkler systems — Part 13: Requirements and test methods for extended-coverage sprinklers	G	ISO 6883:2017	Animal and vegetable fats and oils — Determination of conventional mass per volume (litre weight in air)	B
<b>TC 22</b>		<b>Road vehicles</b>		ISO 8534:2017	Animal and vegetable fats and oils — Determination of water content — Karl Fischer method (pyridine free)	B
ISO 12617:2015		Road vehicles — Liquefied natural gas (LNG) refuelling connector — 3,1 MPa connector	C	ISO 15774:2017	Animal and vegetable fats and oils — Determination of cadmium content by direct graphite furnace atomic absorption spectrometry	A
<b>TC 23</b>		<b>Tractors and machinery for agriculture and forestry</b>		<b>TC 38</b>	<b>Textiles</b>	
ISO 3767-1:2016		Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 1: Common symbols	H	ISO 105-G04:2016	Textiles — Tests for colour fastness — Part G04: Colour fastness to nitrogen oxides in the atmosphere at high humidities	B
ISO 6531:2017		Machinery for forestry — Portable chain-saws — Vocabulary	A	<b>TC 44</b>	<b>Welding and allied processes</b>	
<b>TC 24</b>		<b>Particle characterization including sieving</b>		ISO 20378:2017	* Welding consumables — Rods for gas welding of non-alloy and creep-resisting steels — Classification	A
ISO 22412:2017	*	Particle size analysis — Dynamic light scattering (DLS)	E	ISO 9013:2017	Thermal cutting — Classification of thermal cuts — Geometrical product specification and quality tolerances	E
<b>TC 29</b>		<b>Small tools</b>		ISO/TR 15608:2017	Welding — Guidelines for a metallic materials grouping system	B
ISO/TS 13399-310:2017	*	Cutting tool data representation and exchange — Part 310: Creation and exchange of 3D models — Turning tools with carbide tips	E	<b>TC 45</b>	<b>Rubber and rubber products</b>	
ISO 494:2017		Cylindrical shank twist drills — Long series	A	ISO/TR 21275:2017	Rubber — Comprehensive review of the composition and nature of process fumes in the rubber industry	G
ISO 1832:2017		Indexable inserts for cutting tools — Designation	D			

ISO 11424:2017	*	Rubber hoses and tubing for air and vacuum systems for internal-combustion engines — Specification	B	ISO 3928:2016	Sintered metal materials, excluding hardmetals — Fatigue test pieces	B
<b>TC 54</b>		<b>Essential oils</b>		<b>TC 123</b>	<b>Plain bearings</b>	
ISO 3054:2017		Essential oil of lavandin Abrial (Lavandula angustifolia Mill. × Lavandula latifolia Medik.), French type	B	ISO 3547-2:2017	* Plain bearings — Wrapped bushes — Part 2: Test data for outside and inside diameters	C
ISO 4730:2017		Essential oil of Melaleuca, terpinen-4-ol type (Tea Tree oil)	B	ISO 3547-3:2017	* Plain bearings — Wrapped bushes — Part 3: Lubrication holes, grooves and indentations	B
<b>TC 59</b>		<b>Buildings and civil engineering works</b>		ISO 3547-4:2017	* Plain bearings — Wrapped bushes — Part 4: Materials	A
ISO 29481-1:2016		Building information models — Information delivery manual — Part 1: Methodology and format	E	<b>TC 127</b>	<b>Earth-moving machinery</b>	
<b>TC 61</b>		<b>Plastics</b>		ISO 8643:2017	Earth-moving machinery — Hydraulic excavator and backhoe loader lowering control device — Requirements and tests	B
ISO 12992:2017	*	Plastics — Vertical flame spread determination for film and sheet	C	<b>TC 130</b>	<b>Graphic technology</b>	
<b>TC 69</b>		<b>Applications of statistical methods</b>		ISO 19594:2017	* Graphic technology — Test method for the determination of the binding strength for perfect-bound products — Page-pull test working upwards	C
ISO 22514-2:2017	*	Statistical methods in process management — Capability and performance — Part 2: Process capability and performance of time-dependent process models	D	<b>TC 131</b>	<b>Fluid power systems</b>	
ISO 16355-2:2017	*	Applications of statistical and related methods to new technology and product development process — Part 2: Non-quantitative approaches for the acquisition of voice of customer and voice of stakeholder	F	ISO 12151-1:2010/Amd 1:2017	Connections for hydraulic fluid power and general use — Hose fittings — Part 1: Hose fittings with ISO 8434-3 O-ring face seal ends — Amendment 1	XZ
ISO 16355-4:2017	*	Applications of statistical and related methods to new technology and product development process — Part 4: Analysis of non-quantitative and quantitative Voice of Customer and Voice of Stakeholder	D	<b>TC 133</b>	<b>Clothing sizing systems - size designation, size measurement methods and digital fittings</b>	
ISO 16355-5:2017	*	Applications of statistical and related methods to new technology and product development process — Part 5: Solution strategy	H	ISO 8559-1:2017	Size designation of clothes — Part 1: Anthropometric definitions for body measurement	G
ISO/TR 16355-8:2017	*	Applications of statistical and related methods to new technology and product development process — Part 8: Guidelines for commercialization and life cycle	G	ISO 8559-2:2017	Size designation of clothes — Part 2: Primary and secondary dimension indicators	D
<b>TC 106</b>		<b>Dentistry</b>		<b>TC 134</b>	<b>Fertilizers and soil conditioners</b>	
ISO/TS 20746:2016		Dentistry — Determination of the strength of dental amalgam by the Hertzian indentation strength (HIT) method	B	ISO 19746:2017	* Determination of urea content in urea-based fertilizers by high performance liquid chromatography (HPLC)	B
<b>TC 107</b>		<b>Metallic and other inorganic coatings</b>		<b>TC 135</b>	<b>Non-destructive testing</b>	
ISO 8401:2017		Metallic coatings — Review of methods of measurement of ductility	F	ISO 15708-1:2017	* Non-destructive testing — Radiation methods for computed tomography — Part 1: Terminology	A
<b>TC 110</b>		<b>Industrial trucks</b>		ISO 15708-2:2017	* Non-destructive testing — Radiation methods for computed tomography — Part 2: Principles, equipment and samples	C
ISO 18063-1:2016	*	Rough-terrain trucks — Visibility test methods and their verification — Part 1: Variable-reach trucks	C	ISO 15708-3:2017	* Non-destructive testing — Radiation methods for computed tomography — Part 3: Operation and interpretation	D
<b>TC 119</b>		<b>Powder metallurgy</b>		<b>TC 146</b>	<b>Air quality</b>	
				ISO 12219-6:2017	* Interior air of road vehicles — Part 6: Method for the determination of the emissions of semi-volatile organic compounds from vehicle interior parts and materials at higher temperature — Small chamber method	C

ISO 12219-7:2017	*	Interior air of road vehicles — Part 7: Odour determination in interior air of road vehicles and test chamber air of trim components by olfactory measurements	D	ISO 1660:2017	Geometrical product specifications (GPS) — Geometrical tolerancing — Profile tolerancing	F
<b>TC 176</b>		<b>Quality management and quality assurance</b>		<b>TC 215</b>	<b>Health informatics</b>	
ISO 9001:2015	*	Quality management systems — Requirements	E	ISO 21298:2017	Health informatics — Functional and structural roles	E
<b>TC 178</b>		<b>Lifts, escalators and moving walks</b>		<b>TC 219</b>	<b>Floor coverings</b>	
ISO 22201-1:2017	*	Lifts (elevators), escalators and moving walks — Programmable electronic systems in safety-related applications — Part 1: Lifts (elevators) (PESSRAL)	F	ISO 6347:2017	* Textile floor coverings — Consumer information	A
<b>TC 190</b>		<b>Soil quality</b>		ISO 20251:2016	Textile floor coverings — Water impermeability test	A
ISO 14869-3:2017		Soil quality — Dissolution for the determination of total element content — Part 3: Dissolution with hydrofluoric, hydrochloric and nitric acids using pressurised microwave technique	B	<b>TC 220</b>	<b>Cryogenic vessels</b>	
ISO 19204:2017		Soil quality — Procedure for site-specific ecological risk assessment of soil contamination (soil quality TRIAD approach)	E	ISO 20421-2:2017	Cryogenic vessels — Large transportable vacuum-insulated vessels — Part 2: Operational requirements	C
<b>TC 201</b>		<b>Surface chemical analysis</b>		<b>TC 249</b>	<b>Traditional chinese medicine</b>	
ISO 16962:2017	*	Surface chemical analysis — Analysis of zinc- and/or aluminium-based metallic coatings by glow-discharge optical-emission spectrometry	F	ISO 19465:2017	* Traditional Chinese medicine — Categories of traditional Chinese medicine (TCM) clinical terminological systems	B
<b>TC 204</b>		<b>Intelligent transport systems</b>		<b>TC 264</b>	<b>Fireworks</b>	
ISO 13140-1:2016		Electronic fee collection — Evaluation of on-board and roadside equipment for conformity to ISO 13141 — Part 1: Test suite structure and test purposes	F	ISO 26261-1:2017	* Fireworks — Category 4 — Part 1: Terminology	B
ISO 13140-2:2016		Electronic fee collection — Evaluation of on-board and roadside equipment for conformity to ISO 13141 — Part 2: Abstract test suite	C	ISO 26261-2:2017	* Fireworks — Category 4 — Part 2: Requirements	B
<b>TC 206</b>		<b>Fine ceramics</b>		ISO 26261-3:2017	* Fireworks — Category 4 — Part 3: Test methods	D
ISO 19618:2017	*	Fine ceramics (advanced ceramics, advanced technical ceramics) — Measurement method for normal spectral emissivity using blackbody reference with an FTIR spectrometer	C	ISO 26261-4:2017	* Fireworks — Category 4 — Part 4: Minimum labelling requirements and instructions for use	A
<b>TC 207</b>		<b>Environmental management</b>		<b>TC 282</b>	<b>Water reuse</b>	
ISO 14052:2017	*	Environmental management — Material flow cost accounting — Guidance for practical implementation in a supply chain	C	ISO 16075-4:2016	Guidelines for treated wastewater use for irrigation projects — Part 4: Monitoring	D
<b>TC 210</b>		<b>Quality management and corresponding general aspects for medical devices</b>		<b>TMBG</b>	<b>Technical Management Board - groups</b>	
IEC 80369-5:2016/Cor 1:2017	*	Small-bore connectors for liquids and gases in healthcare applications — Part 5: Connectors for limb cuff inflation applications — Technical Corrigendum 1	free	IWA 20:2017	* Understanding and applying drip irrigation for sustainable agriculture	E
<b>TC 213</b>		<b>Dimensional and geometrical product specifications and verification</b>		<b>IULTCS</b>	<b>International Union of Leather Technologists and Chemists Societies</b>	
ISO 1101:2017		Geometrical product specifications (GPS) — Geometrical tolerancing — Tolerances of form, orientation, location and run-out	H	ISO 5402-1:2017	Leather — Determination of flex resistance — Part 1: Flexometer method	B
				ISO 17075-1:2017	Leather — Chemical determination of chromium(VI) content in leather — Part 1: Colorimetric method	B

ISO  
17075-2:2017

Leather — Chemical determination of chromium(VI) content in leather — Part 2: Chromatographic method

C

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

ISO  
23910:2017

Leather — Physical and mechanical tests — Measurement of stitch tear resistance

A

---

**TC 4**                      **Rolling bearings**

ISO 3030:2011

---

**JTC 1**                      **Information technology**

ISO/IEC/IEEE  
18882:2017

\* Information technology — Telecommunications and information exchange between systems — Ubiquitous green community control network: Heterogeneous networks convergence and scalability

F

---

**TC 5**                      **Ferrous metal pipes and metallic fittings**

ISO 7005-1:2011

ISO/IEC  
20246:2017

\* Software and systems engineering — Work product reviews

F

---

**TC 21**                      **Equipment for fire protection and fire fighting**

ISO 8421-1:1987                      (reconfirmed)

ISO 8421-2:1987                      (reconfirmed)

ISO 8421-6:1987                      (reconfirmed)

ISO 8421-7:1987                      (reconfirmed)

ISO 3941:2007                      (reconfirmed)

ISO/IEC TR  
29110-5-1-3:2017

\* Systems and software engineering — Lifecycle profiles for Very Small Entities (VSEs) — Part 5-1-3: Software engineering — Management and engineering guide: Generic profile group — Intermediate profile

G

ISO 7240-6:2011

ISO/TS  
7240-9:2012

ISO 7240-11:2011

ISO/IEC  
14776-262:2017

\* Information technology — Small computer system interface (SCSI) — Part 262: SAS protocol layer - 2 (SPL-2)

H

---

**TC 23**                      **Tractors and machinery for agriculture and forestry**

ISO 11783-5:2011

ISO/IEC  
24790:2017

\* Information technology — Office equipment — Measurement of image quality attributes for hardcopy output — Monochrome text and graphic images

G

---

**TC 28**                      **Petroleum and related products, fuels and lubricants from natural or synthetic sources**

ISO 12917-2:2002

ISO/IEC  
14496-15:2017

\* Information technology — Coding of audio-visual objects — Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format

H

---

**TC 31**                      **Tyres, rims and valves**

ISO 17269:2000                      (reconfirmed)

ISO 4251-4:2010

ISO/IEC  
23009-5:2017

\* Information technology — Dynamic adaptive streaming over HTTP (DASH) — Part 5: Server and network assisted DASH (SAND)

F

---

**TC 34**                      **Food products**

ISO 3974:1977

ISO/IEC TS  
20071-25:2017

\* Information technology — User interface component accessibility — Part 25: Guidance on the audio presentation of text in videos, including captions, subtitles and other on-screen text

B

---

**TC 44**                      **Welding and allied processes**

ISO 9015-1:2001                      (reconfirmed)

---

**TC 68**                      **Financial services**

ISO 20022-1:2013

ISO/IEC  
30122-2:2017

\* Information technology — User interfaces — Voice commands — Part 2: Constructing and testing

A

---

**TC 89**                      **Wood-based panels**

ISO 10033-1:2011

ISO 10033-2:2011

ISO/IEC  
30122-3:2017

\* Information technology — User interfaces — Voice commands — Part 3: Translation and localization

A

---

**TC 96**                      **Cranes**

ISO 7752-2:2011

ISO 13200:1995                      (reconfirmed)

ISO 4301-4:1989                      (reconfirmed)

ISO 10245-1:2008                      (reconfirmed)

ISO 10972-4:2007                      (reconfirmed)

ISO 12480-4:2007                      (reconfirmed)

ISO 10245-5:1995                      (reconfirmed)

ISO 11660-5:2001                      (reconfirmed)

ISO 22986:2007                      (reconfirmed)

ISO/IEC  
2382-37:2017

\* Information technology — Vocabulary — Part 37: Biometrics

A

---

**TC 106**                      **Dentistry**

ISO 7491:2000                      (reconfirmed)

ISO 10271:2011

---

## Standards confirmed

---



---

**TC 108**                      **Mechanical vibration, shock and condition monitoring**

ISO 22266-1:2009

---

**TC 110**                      **Industrial trucks**

ISO 22877:2004                      (reconfirmed)

ISO 22878:2004	(reconfirmed)
ISO 22883:2004	(reconfirmed)
ISO 22884:2004	(reconfirmed)
ISO 24134:2006	(reconfirmed)
ISO 24135-1:2006	(reconfirmed)
<b>TC 112</b>	<b>Vacuum technology</b>
ISO 1608-1:1993	(reconfirmed)
ISO 1608-2:1989	(reconfirmed)
ISO 3529-1:1981	(reconfirmed)
ISO 27893:2011	
<b>TC 123</b>	<b>Plain bearings</b>
ISO 4379:1993	(reconfirmed)
<b>TC 138</b>	<b>Plastics pipes, fittings and valves for the transport of fluids</b>
ISO 10147:2011	
<b>TC 165</b>	<b>Timber structures</b>
ISO 21887:2007	(reconfirmed)
<b>TC 193</b>	<b>Natural gas</b>
ISO 15112:2011	
ISO 15970:2008	(reconfirmed)
<b>TC 194</b>	<b>Biological and clinical evaluation of medical devices</b>
ISO 10993-5:2009	
<b>JTC 1</b>	<b>Information technology</b>
ISO/IEC 11889-1:2009	
ISO/IEC 11889-2:2009	
ISO/IEC 11889-3:2009	
ISO/IEC 11889-4:2009	
ISO/IEC 10918-1:1994	(reconfirmed)
ISO/IEC 13818-7:2006	(reconfirmed)
ISO/IEC 14496-6:2000	(reconfirmed)
ISO/IEC 14496-17:2006	(reconfirmed)
ISO/IEC 14496-25:2011	
ISO/IEC 15444-9:2005	(reconfirmed)
ISO/IEC 16485:2000	(reconfirmed)
ISO/IEC 21000-4:2006	(reconfirmed)
ISO/IEC 21000-10:2006	(reconfirmed)
ISO/IEC 23001-1:2006	(reconfirmed)
ISO/IEC 23007-3:2011	
ISO/IEC 24800-2:2011	
ISO/IEC 24800-5:2011	
ISO/IEC 11581-40:2011	

ISO/IEC  
15897:2011

## Standards withdrawn

Period from 01 February to 28 February 2017

<b>TC 23</b>	<b>Tractors and machinery for agriculture and forestry</b>
ISO 10627-1:1992	(replaced by )
ISO 10627-2:1996	(replaced by )
ISO 14710:1996	(replaced by )
<b>TC 24</b>	<b>Particle characterization including sieving</b>
ISO 13321:1996	(replaced by ISO 22412:2017)
<b>TC 29</b>	<b>Small tools</b>
ISO 6789:2003	(replaced by ISO 6789-1:2017, ISO 6789-2:2017)
<b>TC 34</b>	<b>Food products</b>
ISO 6579:2002	(replaced by ISO 6579-1:2017)
ISO 6579:2002/ Amd 1:2007	(replaced by ISO 6579-1:2017)
<b>TC 35</b>	<b>Paints and varnishes</b>
ISO 8502-12:2003	(replaced by )
<b>TC 45</b>	<b>Rubber and rubber products</b>
ISO 4666-2:2008	(replaced by )
<b>TC 133</b>	<b>Clothing sizing systems - size designation, size measurement methods and digital fittings</b>
ISO 3635:1981	(replaced by ISO 8559-1:2017)
ISO 3636:1977	(replaced by ISO 8559-2:2017)
ISO 3637:1977	(replaced by ISO 8559-2:2017)
ISO 3638:1977	(replaced by ISO 8559-2:2017)
ISO 4415:1981	(replaced by ISO 8559-2:2017)
ISO 4416:1981	(replaced by ISO 8559-2:2017)
ISO 4417:1977	(replaced by ISO 8559-2:2017)
ISO 4418:1978	(replaced by ISO 8559-2:2017)
ISO 8559:1989	(replaced by ISO 8559-1:2017)
<b>TC 135</b>	<b>Non-destructive testing</b>
ISO 15708-1:2002	(replaced by ISO 15708-2:2017)
ISO 15708-2:2002	(replaced by ISO 15708-1:2017, ISO 15708-3:2017)
<b>TC 138</b>	<b>Plastics pipes, fittings and valves for the transport of fluids</b>
ISO 17467-1:2012	(replaced by )
ISO 17467-2:2012	(replaced by )
ISO 17467-3:2012	(replaced by )
<b>TC 160</b>	<b>Glass in building</b>
ISO 9051:2001	(replaced by )
<b>TC 172</b>	<b>Optics and photonics</b>
ISO 8040:2001	(replaced by )
<b>TC 173</b>	<b>Assistive products for persons with disability</b>



ISO 8670-3:2000	(replaced by )	27-31	Chengdu (China)	JTC 1/SC 38	Information technology/Cloud Computing and Distributed Platforms
<b>TC 178</b>	<b>Lifts, escalators and moving walks</b>				
ISO 22201:2009	(replaced by ISO 22201-1:2017)	27-31	Brisbane (Australia)	TC 251	Asset management
<b>TC 215</b>	<b>Health informatics</b>	29	Virtual (Unknown)	TC 20/SC 17	Aircraft and space vehicles/Airport infrastructure
ISO/TS 21298:2008	(replaced by ISO 21298:2017)	29	Toronto (Canada)	TC 23/SC 4	Tractors and machinery for agriculture and forestry/Tractors
<b>IULTCS</b>	<b>International Union of Leather Technologists and Chemists Societies</b>	29	Philadelphia (USA)	TC 219	Floor coverings
ISO 17075:2007	(replaced by ISO 17075-1:2017, ISO 17075-2:2017)	29-30	Paris (France)	TC 182	Geotechnics
<b>JTC 1</b>	<b>Information technology</b>	30	Toronto (Canada)	TC 23/SC 2	Tractors and machinery for agriculture and forestry/Common tests
ISO/IEC 13660:2001	(replaced by ISO/IEC 24790:2017)	30	Toronto (Canada)	TC 23/SC 7	Tractors and machinery for agriculture and forestry/Equipment for harvesting and conservation
ISO/IEC TS 24790:2012	(replaced by ISO/IEC 24790:2017)	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
ISO/IEC 23001-7:2012/Amd 1:2012	(replaced by )	30-31	Toronto (Canada)	TC 23/SC 3	Tractors and machinery for agriculture and forestry/Safety and comfort

## Meeting calendar

(update at 01 February 2017)

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

\* Information definite but meeting not yet formally convened

\*\* Provisional

### March 2017

6	Kyoto (Japan)	TC 60	Gears
6	Kyoto (Japan)	TC 60/SC 1	Gears/Nomenclature and wormgearing
6	Kyoto (Japan)	TC 60/SC 2	Gears/Gear capacity calculation
7-8	Coventry (United Kingdom)	TC 44/SC 14	Welding and allied processes/Welding and brazing in aerospace
8-9	Madrid (Spain)	TC 20/SC 16	Aircraft and space vehicles/Unmanned aircraft systems
9-10	Zaandam (Netherlands)	PC 308	Chain of custody
14	Geneva (Switzerland)	President's committee	President's committee
15	Geneva (Switzerland)	CSC/FIN	Council/Council Standing Committee on Finance (CSC/FIN)
15-16	London (United Kingdom)	TC 94	Personal safety -- Protective clothing and equipment
16-17	Geneva (Switzerland)	COUNCIL	Council
20-24	Leeds (United Kingdom)	TC 94/SC 13	Personal safety -- Protective clothing and equipment/Protective clothing
21-24	Kingston (Jamaica)	TC 93	Starch (including derivatives and by-products)

30-31	Toronto (Canada)	TC 23/SC 3	Tractors and machinery for agriculture and forestry/Safety and comfort
30-31	Sao Paulo (Brazil)	TC 199	Safety of machinery
31	Tsukuba (Japan)	TC 92	Fire safety

### April 2017

3-4	Chicago (USA)	TC 117	Fans
3-5	Sydney (Australia)	TC 307	Blockchain and electronic distributed ledger technologies
3-7	London (United Kingdom)	TC 133	Clothing sizing systems - size designation, size measurement methods and digital fittings
4	Stockholm (Sweden)	TC 118/SC 6	Compressors and pneumatic tools, machines and equipment/Air compressors and compressed air systems
5	Stockholm (Sweden)	TC 118/SC 3	Compressors and pneumatic tools, machines and equipment/Pneumatic tools and machines
5	Stockholm (Sweden)	TC 118/SC 4	Compressors and pneumatic tools, machines and equipment/Compressed air treatment technology
6	Stockholm (Sweden)	TC 118	Compressors and pneumatic tools, machines and equipment
7	Irvine (USA)	TC 110/SC 4	Industrial trucks/ Rough-terrain trucks

10	Guilin (China)	TC 29/SC 8	Small tools/Tools for pressing and moulding	7-12	Oslo (Norway)	TC 184/SC 4	Automation systems and integration/Industrial data
11	Toulouse (France)	TC 31/SC 5	Tyres, rims and valves/Agricultural tyres and rims	8	San Antonio (USA)	* TC 131	Fluid power systems
12	Toulouse (France)	TC 31/SC 6	Tyres, rims and valves/Off-the-road tyres and rims	8	Berlin (Germany)	TC 171/SC 1	Document management applications/Quality, preservation and integrity of information
13	Toulouse (France)	TC 31/SC 7	Tyres, rims and valves/Industrial tyres and rims	8-11	Madrid (Spain)	TC 272	Forensic sciences
17-21	Hangzhou (China)	TC 215	Health informatics	8-12	Stockholm (Sweden)	TC 10	Technical product documentation
18-21	Milan (Italy)	PC 302	Guidelines for auditing management systems	8-12	Gothenburg (Sweden)	TC 22/SC 39	Road vehicles/Ergonomics
21	Tokyo (Japan)	TC 225	Market, opinion and social research	8-12	Madison (USA)	* TC 34/SC 5	Food products/Milk and milk products
23-26	Vienna (Austria)	TC 289	Brand evaluation	8-12	Delft (Netherlands)	TC 35	Paints and varnishes
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	Paris (France)	* TC 204	Intelligent transport systems	8-12	Berlin (Germany)	TC 171	Document management applications
24-28	Jeju (Korea, Republic of)	TC 292	Security and resilience	9	Stockholm (Sweden)	TC 10/SC 6	Technical product documentation/Mechanical engineering documentation
26	Orlando (USA)	TC 34/SC 2	Food products/Oleaginous seeds and fruits and oilseed meals	9	Stockholm (Sweden)	TC 10/SC 8	Technical product documentation/Construction documentation
26	London (United Kingdom)	TC 67/SC 2	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/Pipeline transportation systems	10	Stockholm (Sweden)	TC 10/SC 1	Technical product documentation/Basic conventions
26-27	Vancouver (Canada)	CASCO	Committee on conformity assessment	11	Delft (Netherlands)	TC 35/SC 9	Paints and varnishes/General test methods for paints and varnishes
26-27	Saint-Denis (France)	TC 17/SC 3	Steel/Steels for structural purposes	11	Delft (Netherlands)	TC 35/SC 12	Paints and varnishes/Preparation of steel substrates before application of paints and related products
27	Frankfurt (Germany)	TC 23/SC 19	Tractors and machinery for agriculture and forestry/Agricultural electronics	11-12	Karamay (China)	TC 265	Carbon dioxide capture, transportation, and geological storage
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	12	Berlin (Germany)	TC 171/SC 2	Document management applications/Document file formats, EDMS systems and authenticity of information
27-28	Orlando (USA)	TC 34/SC 11	Food products/Animal and vegetable fats and oils	13	Seoul (Korea, Republic of)	* TC 276	Biotechnology
27-28	London (United Kingdom)	* TC 44/SC 8	Welding and allied processes/Equipment for gas welding, cutting and allied processes	14-19	Kuantan (Malaysia)	JTC 1/SC 7	Information technology/Software and systems engineering
				15	Atlanta (USA)	TC 4/SC 11	Rolling bearings/Linear motion rolling bearings
<b>May 2017</b>							
3	Virtual (Unknown)	* TC 22/SC 31	Road vehicles/Data communication	15	Stockholm (Sweden)	TC 29/SC 9	Small tools/Tools with defined cutting edges, cutting items
3-4	Delft (Netherlands)	TC 226	Materials for the production of primary aluminium				

15	Berlin (Germany)	TC 44/SC 10	Welding and allied processes/Quality management in the field of welding	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
15	Rio de Janeiro (Brazil)	TC 68/SC 4	Financial services/Securities and related financial instruments	18	Berlin (Germany)	TC 83	Sports and other recreational facilities and equipment
15	Rio de Janeiro (Brazil)	TC 68/SC 7	Financial services/Core banking	18	West Conshohocken (Philadelphia) (USA)	TC 85/SC 5	Nuclear energy, nuclear technologies, and radiological protection/Nuclear installations, processes and technologies
15	Chicago (USA)	* TC 192	Gas turbines	18-19	Berlin (Germany)	TC 44/SC 3	Welding and allied processes/Welding consumables
15-19	Atlanta (USA)	* TC 4	Rolling bearings	18-19	West Conshohocken (Philadelphia) (USA)	TC 85/SC 6	Nuclear energy, nuclear technologies, and radiological protection/Reactor technology
15-19	Atlanta (USA)	* TC 4/SC 7	Rolling bearings/Spherical plain bearings	19	Stockholm (Sweden)	TC 29	Small tools
15-19	Seattle (USA)	TC 31	Tyres, rims and valves	22	Somerville (USA)	TC 121/SC 3	Anaesthetic and respiratory equipment/Lung ventilators and related equipment
15-19	Seattle (USA)	TC 31/SC 3	Tyres, rims and valves/Passenger car tyres and rims	22-23	Somerville (USA)	TC 121/SC 4	Anaesthetic and respiratory equipment/Terminology and semantics
15-19	Seattle (USA)	TC 31/SC 10	Tyres, rims and valves/Cycle, moped, motorcycle tyres and rims	22-23	Faro, Algarve (Portugal)	TC 282/SC 3	Water reuse/Risk and performance evaluation of water reuse systems
15-19	Copenhagen (Denmark)	TC 43	Acoustics	22-24	Somerville (USA)	TC 121/SC 1	Anaesthetic and respiratory equipment/Breathing attachments and anaesthetic machines
15-19	Copenhagen (Denmark)	TC 43/SC 1	Acoustics/Noise	22-26	Pretoria (South Africa)	TC 46/SC 9	Information and documentation/Identification and description
15-19	Copenhagen (Denmark)	* TC 43/SC 2	Acoustics/Building acoustics	22-26	Pretoria (South Africa)	* TC 46/SC 11	Information and documentation/Archives/records management
15-19	Rio de Janeiro (Brazil)	TC 68	Financial services	22-26	Boston (USA)	TC 121	Anaesthetic and respiratory equipment
16	Atlanta (USA)	TC 4/SC 5	Rolling bearings/Needle, cylindrical and spherical roller bearings	22-26	Panama (Panama)	TC 228	Tourism and related services
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
16-17	Berlin (Germany)	* TC 44/SC 11	Welding and allied processes/Qualification requirements for welding and allied processes personnel	23-24	Faro, Algarve (Portugal)	TC 282/SC 1	Water reuse/Treated wastewater reuse for Irrigation
17	Rio de Janeiro (Brazil)	TC 68/SC 2	Financial services/Financial Services, security	23-25	Tokyo (Japan)	TC 8/SC 1	Ships and marine technology/Lifesaving and fire protection
17-18	Sunnyvale (USA)	JTC 1/SC 39	Information technology/Sustainability for and by Information Technology	24-25	Pretoria (South Africa)	TC 46/SC 4	Information and documentation/Technical interoperability
17-19	Tokyo (Japan)	* TC 8/SC 13	Ships and marine technology/Marine technology				
18	Kuala Lumpur (Malaysia)	COPOLCO	Committee on consumer policy				
18	Atlanta (USA)	* TC 4/SC 4	Rolling bearings/Tolerances, tolerance definitions and symbols (including GPS)				
18	Atlanta (USA)	TC 4/SC 8	Rolling bearings/Load ratings and life				
18	Atlanta (USA)	TC 4/SC 9	Rolling bearings/Tapered roller bearings				
18	Atlanta (USA)	* TC 4/SC 12	Rolling bearings/Ball bearings				

25	Pretoria (South Africa)	TC 46/SC 10	Information and documentation/ Requirements for document storage and conditions for preservation	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
25-26	Frankfurt (Germany)	* TC 184/SC 5	Automation systems and integration/Interoperability, integration, and architectures for enterprise systems and automation applications	8-9	Oslo (Norway)	* TC 67/SC 4	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Drilling and production equipment
26	Pretoria (South Africa)	TC 46	Information and documentation	8-9	Cambridge (United Kingdom)	TC 67/SC 7	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Offshore structures
29	Suwon (Korea, Republic of)	TC 17/SC 15	Steel/Railway rails, rails fasteners, wheels and wheelsets				
29-30	Tokyo (Japan)	TC 24/SC 4	Particle characterization including sieving/Particle characterization	9	Chicago (USA)	* TC 136	Furniture
				9	Jeju (Korea, Republic of)	TC 156	Corrosion of metals and alloys
31	Suwon (Korea, Republic of)	TC 269/SC 1	Railway applications/ Infrastructure	11-16	Hiroshima City (Japan)	TC 127	Earth-moving machinery
31	Suwon (Korea, Republic of)	TC 269/SC 2	Railway applications/ Rolling stock	12-16	Paris (France)	TC 20/SC 14	Aircraft and space vehicles/Space systems and operations
<b>May-June 2017</b>				13	Geneva (Switzerland)	CSC/SPC	Council/Strategy and Policy Committee (CSC/SPC)
27-2	(Ireland)	** TC 238	Solid biofuels	14	Shanghai (China)	TC 30/SC 2	Measurement of fluid flow in closed conduits/Pressure differential devices
29-2	Okayama (Japan)	JTC 1/SC 40	Information technology/IT Service Management and IT Governance	14	Shanghai (China)	TC 30/SC 5	Measurement of fluid flow in closed conduits/Velocity and mass methods
29-2	Stockholm (Sweden)	* TC 211	Geographic information/ Geomatics	14	Houston (USA)	TC 220	Cryogenic vessels
31-2	Delft (Netherlands)	TC 145	Graphical symbols	14-15	Geneva (Switzerland)	** TMB	Technical Management Board
<b>June 2017</b>				15	Shanghai (China)	TC 30	Measurement of fluid flow in closed conduits
1	Suwon (Korea, Republic of)	* TC 269/SC 3	Railway applications/Operations and services	15-16	Toronto (Canada)	* TC 298	Rare earth
1-2	Suwon (Korea, Republic of)	TC 269	Railway applications	16	Oslo (Norway)	* TC 67/SC 6	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Processing equipment and systems
2	Beijing (China)	TC 301	Energy management and energy savings	16	Woburn, Massachusetts (USA)	TC 85/SC 2	Nuclear energy, nuclear technologies, and radiological protection/Radiological protection
5	Jeju (Korea, Republic of)	TC 156/SC 1	Corrosion of metals and alloys/Corrosion control engineering life cycle	19	(South Africa)	** PC 305	Sustainable non-sewered sanitation systems
5-8	Hong Kong (Hong Kong, China)	TC 249	Traditional chinese medicine	19-20	Stockholm (Sweden)	* TC 22/SC 32	Road vehicles/Electrical and electronic components and general system aspects
5-9	Fort Collins (USA)	* TC 23/SC 18	Tractors and machinery for agriculture and forestry/Irrigation and drainage equipment and systems	19-22	Tokyo (Japan)	TC 34/SC 9	Food products/ Microbiology
5-9	Santa Clara (USA)	TC 42	Photography	19-23	Okayama (Japan)	JTC 1/SC 32	Information technology/Data management and interchange
5-9	(Unknown)	** TC 268	Sustainable cities and communities				
5-9	(Unknown)	** TC 268/SC 1	Sustainable cities and communities/ Smart community infrastructures				
6-9	Delft (Netherlands)	** TC 274	Light and lighting				
7	Marseille (France)	* TC 29/SC 5	Small tools/Grinding wheels and abrasives				

19-23	Tokyo (Japan)	JTC 1/SC 34	Information technology/Document description and processing languages	26-30	London (United Kingdom)	*	TC 94/SC 4	Personal safety -- Protective clothing and equipment/ Personal equipment for protection against falls	
19-23	Cape Town (South Africa)	TC 69	Applications of statistical methods	26-30	London (United Kingdom)	*	TC 94/SC 14	Personal safety -- Protective clothing and equipment/ Firefighters' personal equipment	
19-23	Cape Town (South Africa)	TC 69/SC 1	Applications of statistical methods/Terminology and symbols	27-28	Qingdao (China)		President's committee	President's committee	
19-23	Cape Town (South Africa)	* TC 69/SC 4	Applications of statistical methods/ Applications of statistical methods in product and process management	27-28	Jinan (China)	*	TC 306	Foundry machinery	
19-23	Cape Town (South Africa)	TC 69/SC 7	Applications of statistical methods/ Applications of statistical and related techniques for the implementation of Six Sigma	27-29	Berlin (Germany)		REMCO	Committee on reference materials	
19-23	London (United Kingdom)	TC 108/SC 5	Mechanical vibration, shock and condition monitoring/Condition monitoring and diagnostics of machine systems	27-29	Paignton (United Kingdom)	*	TC 8/SC 2	Ships and marine technology/Marine environment protection	
19-23	(Portugal)	** TC 149/SC 1	Cycles/Cycles and major sub-assemblies	29	Washington, D.C (USA)		TC 193/SC 1	Natural gas/Analysis of natural gas	
21-22	London (United Kingdom)	JTC 1/SC 28	Information technology/Office equipment	29	Washington, D.C (USA)	*	TC 193/SC 3	Natural gas/Upstream area	
22	Berlin (Germany)	TC 188/SC 2	Small craft/Engines and propulsion systems	30	Washington, D.C (USA)		TC 193	Natural gas	
23	Cape Town (South Africa)	TC 69/SC 6	Applications of statistical methods/Measurement methods and results		Chennai (India)	**	TC 120	Leather	
23	Cape Town (South Africa)	TC 69/SC 8	Applications of statistical methods/Application of statistical and related methodology for new technology and product development	<b>2nd Quarter 2017</b>					
23	Porto (Portugal)	TC 149	Cycles		Paris (France)	*	TC 297	Waste management, recycling and road operation service	
23	Berlin (Germany)	TC 188	Small craft	<b>July 2017</b>					
23-30	Melbourne (Australia)	* JTC 1/SC 36	Information technology/Information technology for learning, education and training	3-7	Harbin (China)		TC 44	Welding and allied processes	
25-30	Vienna (Austria)	TC 37	Terminology and other language and content resources	3-7	Harbin (China)		TC 44/SC 5	Welding and allied processes/Testing and inspection of welds	
26-27	Stockholm (Sweden)	** TC 184	Automation systems and integration	3-7	Harbin (China)	*	TC 44/SC 7	Welding and allied processes/Representation and terms	
26-28	El Segundo (USA)	* TC 20/SC 9	Aircraft and space vehicles/Air cargo and ground equipment	3-7	Harbin (China)	*	TC 44/SC 9	Welding and allied processes/Health and safety	
26-29	Ise (Japan)	* TC 20/SC 1	Aircraft and space vehicles/ Aerospace electrical requirements	7	Milan (Italy)		TC 206	Fine ceramics	
26-30	Shanghai (China)	TC 29/SC 10	Small tools/Assembly tools for screws and nuts, pliers and nippers	11-13	Shanghai (China)	*	TC 8/SC 8	Ships and marine technology/Ship design	
26-30	(Côte-d'Ivoire)	** TC 34/SC 18	Food products/Cocoa	22	Turin (Italy)	*	JTC 1/SC 29	Information technology/Coding of audio, picture, multimedia and hypermedia information	
				24-28	Paris (France)	*	JTC 1/SC 35	Information technology/User interfaces	
				26-27	Singapore (Singapore)	*	TC 281	Fine Bubble Technology	
				<b>August 2017</b>					
				7-11	Arlington (USA)	*	JTC 1/SC 24	Information technology/Computer graphics, image processing and environmental data representation	
				14-15	London (United Kingdom)	*	JTC 1/SC 22	Information technology/Programming languages, their environments and system software interfaces	

20-25	Hong Kong (Hong Kong, China)	*	TC 106	Dentistry	20-22	(United Kingdom)	**	TC 202	Microbeam analysis
24-25	Braunschweig (Germany)	*	TC 172/SC 6	Optics and photonics/Geodetic and surveying instruments	21	London (United Kingdom)	*	TC 41/SC 4	Pulleys and belts (including veebelts)/Synchronous belt drives
28	Virtual (Unknown)		CSC/FIN	Council/Council Standing Committee on Finance (CSC/FIN)	21-22	Berlin (Germany)	*	TC 22/SC 31	Road vehicles/Data communication
<b>September 2017</b>									
4-8	Berlin (Germany)	*	TC 21	Equipment for fire protection and fire fighting	21-23	Teddington (United Kingdom)	*	TC 201	Surface chemical analysis
6-8	Washington, D.C (USA)	*	TC 34/SC 16	Food products/Horizontal methods for molecular biomarker analysis	21-23	Teddington (United Kingdom)	*	TC 201/SC 1	Surface chemical analysis/Terminology
11-15	San Francisco (USA)	*	JTC 1/SC 38	Information technology/Cloud Computing and Distributed Platforms	21-23	Teddington (United Kingdom)	*	TC 201/SC 2	Surface chemical analysis/General procedures
11-15	Bologna (Italy)	*	TC 23/SC 6	Tractors and machinery for agriculture and forestry/Equipment for crop protection	21-23	Teddington (United Kingdom)	*	TC 201/SC 3	Surface chemical analysis/Data management and treatment
11-15	Gaithersburg (USA)	*	TC 108	Mechanical vibration, shock and condition monitoring	21-23	Teddington (United Kingdom)	*	TC 201/SC 4	Surface chemical analysis/Depth profiling
11-15	Gaithersburg (USA)	*	TC 108/SC 6	Mechanical vibration, shock and condition monitoring/Vibration and shock generating systems	21-23	Teddington (United Kingdom)	*	TC 201/SC 6	Surface chemical analysis/Secondary ion mass spectrometry
11-15	Bali (Indonesia)	*	TC 176	Quality management and quality assurance	21-23	Teddington (United Kingdom)	*	TC 201/SC 7	Surface chemical analysis/Electron spectroscopies
11-15	Melbourne (Australia)	*	TC 258	Project, programme and portfolio management	21-23	Teddington (United Kingdom)	*	TC 201/SC 8	Surface chemical analysis/Glow discharge spectroscopy
14-15	Bali (Indonesia)	*	TC 260	Human resource management	21-23	Teddington (United Kingdom)	*	TC 201/SC 9	Surface chemical analysis/Scanning probe microscopy
17	Berlin (Germany)		President's committee	President's committee	21-23	Teddington (United Kingdom)	*	TC 201/SC 10	Surface chemical analysis/X-ray Reflectometry (XRR) and X-ray Fluorescence (XRF) Analysis
17-22	Seoul (Korea, Republic of)	*	TC 61	Plastics	22	London (United Kingdom)	*	TC 41	Pulleys and belts (including veebelts)
17-22	Seoul (Korea, Republic of)	*	TC 164	Mechanical testing of metals	25-28	Penang (Malaysia)	*	TC 157	Non-systemic contraceptives and STI barrier prophylactics
18	Berlin (Germany)	*	COUNCIL	Council	25-29	Buenos Aires (Argentina)	*	TC 8	Ships and marine technology
18	Rome (Italy)	*	TC 108/SC 4	Mechanical vibration, shock and condition monitoring/Human exposure to mechanical vibration and shock	25-29	Copenhagen (Denmark)	**	TC 58/SC 2	Gas cylinders/Cylinder fittings
18-20	London (United Kingdom)	*	TC 290	Online reputation	25-29	Beijing (China)	*	TC 79	Light metals and their alloys
19	Berlin (Germany)	*	DEVCO	Committee on developing country matters	25-29	Beijing (China)	**	TC 79/SC 5	Light metals and their alloys/Magnesium and alloys of cast or wrought magnesium
19	London (United Kingdom)	*	TC 41/SC 3	Pulleys and belts (including veebelts)/Conveyor belts	25-29	Beijing (China)	*	TC 79/SC 6	Light metals and their alloys/Wrought aluminium and aluminium alloys
19	Berlin (Germany)	**	TMB	Technical Management Board	25-29	Florence (Italy)	*	TC 146/SC 1	Air quality/Stationary source emissions
20	London (United Kingdom)	*	TC 41/SC 1	Pulleys and belts (including veebelts)/Friction	25-29	(Europe)	**	TC 146/SC 6	Air quality/Indoor air
20-21	Seoul (Korea, Republic of)	*	TC 221	Geosynthetics	25-29	Seoul (Korea, Republic of)	*	TC 190	Soil quality
20-22	Berlin (Germany)	**	GA	General Assembly	25-29	Tokyo (Japan)	*	TC 205	Building environment design

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					
26-29	Berlin (Germany)	*	TC 256	Pigments, dyestuffs and extenders	5-6	Madrid (Spain)	*	TC 119	Powder metallurgy
27	Düsseldorf (Germany)	*	TC 44/SC 13	Welding and allied processes/Brazing materials and processes	8	New Orleans (USA)	*	TC 38	Textiles
					8-13	(India)	**	TC 113	Hydrometry
27-29	Lisbon (Portugal)	*	TC 147/SC 3	Water quality/Radioactivity measurements	9-10	Xian (China)	*	TC 135/SC 9	Non-destructive testing/Acoustic emission testing
					9-13	New Delhi (India)	**	TC 178	Lifts, escalators and moving walks
28	(Italy)	**	TC 39/SC 4	Machine tools/Wood-working machines	10-13	Berlin (Germany)	**	TC 153	Valves
29	Virtual (Unknown)		TC 20/SC 17	Aircraft and space vehicles/Airport infrastructure	11	New Orleans (USA)	*	TC 38/SC 1	Textiles/Tests for coloured textiles and colorants
29	Berlin (Germany)	*	TC 254	Safety of amusement rides and amusement devices	11	New Orleans (USA)	*	TC 38/SC 2	Textiles/Cleansing, finishing and water resistance tests
	(Australia)	**	TC 27	Solid mineral fuels	11	Vienna (Austria)	*	TC 83/SC 4	Sports and other recreational facilities and equipment/Snowsports equipment
	(Australia)	**	TC 27/SC 1	Solid mineral fuels/Coal preparation: Terminology and performance	11	Winterthur (Switzerland)	*	TC 131/SC 4	Fluid power systems/Connectors and similar products and components
	(Australia)	**	TC 27/SC 3	Solid mineral fuels/Coke					
	(Australia)	**	TC 27/SC 4	Solid mineral fuels/Sampling	11	Winterthur (Switzerland)	*	TC 131/SC 6	Fluid power systems/Contamination control
	(Australia)	**	TC 27/SC 5	Solid mineral fuels/Methods of analysis	11-12	(Japan)	**	TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries
	Erlangen (Germany)	**	TC 36	Cinematography					
	Tel Aviv (Israel)	**	TC 59/SC 17	Buildings and civil engineering works/Sustainability in buildings and civil engineering works	11-13	London (United Kingdom)	*	TC 59/SC 8	Buildings and civil engineering works/Sealants
	Sapporo (Japan)	**	TC 71	Concrete, reinforced concrete and pre-stressed concrete	12	New Orleans (USA)	*	TC 38/SC 23	Textiles/Fibres and yarns
	(Europe)	**	TC 146/SC 3	Air quality/Ambient atmospheres	12	New Orleans (USA)	*	TC 38/SC 24	Textiles/Conditioning atmospheres and physical tests for textile fabrics
	Vienna (Austria)	**	TC 165	Timber structures	13-14	Düsseldorf (Germany)	*	TC 17/SC 4	Steel/Heat treatable and alloy steels
	Seoul (Korea, Republic of)	**	TC 190/SC 1	Soil quality/Evaluation of criteria, terminology and codification	16	Seoul (Korea, Republic of)	*	TC 194	Biological and clinical evaluation of medical devices
	(Unknown)	**	TC 190/SC 3	Soil quality/Chemical methods and soil characteristics	16-20	Berlin (Germany)	*	TC 2	Fasteners
	Seoul (Korea, Republic of)	**	TC 190/SC 4	Soil quality/Biological methods	16-20	Berlin (Germany)	*	TC 2/SC 7	Fasteners/Reference standards
	Kuala Lumpur (Malaysia)	**	TC 267	Facility management	16-20	Berlin (Germany)	*	TC 2/SC 11	Fasteners/Fasteners with metric external thread
<b>3rd Quarter 2017</b>									
	(Korea, Republic of)	**	JTC 1/SC 6	Information technology/Telecommunications and information exchange between systems	16-20	Berlin (Germany)	*	TC 2/SC 12	Fasteners/Fasteners with metric internal thread
	Santander (Spain)	**	TC 92/SC 1	Fire safety/Fire initiation and growth	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	Milan (Italy)	**	TC 86/SC 7	Refrigeration and air-conditioning/Testing and rating of commercial refrigerated display cabinets	
17-18	Qingdao (China)	*	TC 31/SC 9	Tyres, rims and valves/Valves for tube and tubeless tyres	Xian (China)	**	TC 244	Industrial furnaces and associated processing equipment	
17-19	Hangzhou (China)	**	TC 264	Fireworks	<b>October-November 2017</b>				
18-19	Hangzhou (China)	*	TC 105	Steel wire ropes	30-3	London (United Kingdom)	*	TC 98	Bases for design of structures
20	Virtual (Unknown)		President's committee	President's committee	31-2	Atlanta (USA)	*	TC 122	Packaging
20	Tokyo (Japan)	*	TC 111/SC 3	Round steel link chains, chain slings, components and accessories/Components and accessories	<b>November 2017</b>				
20	(Unknown)	**	TC 194	Biological and clinical evaluation of medical devices	1-3	Berlin (Germany)	*	TC 23/SC 15	Tractors and machinery for agriculture and forestry/Machinery for forestry
23-25	Tokyo (Japan)	*	TC 172	Optics and photonics	4-10	San Antonio (USA)	*	TC 195	Building construction machinery and equipment
23-26	Brussels (Belgium)	**	TC 146/SC 2	Air quality/Workplace atmospheres	6	(United Kingdom)	**	TC 215	Health informatics
23-26	Brussels (Belgium)	**	TC 146/SC 4	Air quality/General aspects	6-8	Berlin (Germany)	*	TC 172/SC 5	Optics and photonics/Microscopes and endoscopes
23-27	(China)	**	TC 39/SC 2	Machine tools/Test conditions for metal cutting machine tools	6-10	(Unknown)	**	TC 94/SC 15	Personal safety -- Protective clothing and equipment/Respiratory protective devices
23-27	Hawaii (USA)		TC 45	Rubber and rubber products	7-8	Marseille (France)	*	TC 5/SC 2	Ferrous metal pipes and metallic fittings/Cast iron pipes, fittings and their joints
23-27	Tokyo (Japan)	*	TC 172/SC 1	Optics and photonics/Fundamental standards	7-11	Tokyo (Japan)	*	TC 272	Forensic sciences
23-27	Tokyo (Japan)	*	TC 172/SC 3	Optics and photonics/Optical materials and components	8-9	Berlin (Germany)	*	TC 70/SC 8	Internal combustion engines/Exhaust gas emission measurement
23-27	San Diego (USA)	*	TC 181	Safety of toys	8-10	Manila (Philippines)	*	TC 123	Plain bearings
23-27	Sydney (Australia)		TC 209	Cleanrooms and associated controlled environments	10	Berlin (Germany)	*	TC 70	Internal combustion engines
	(Unknown)	**	TC 28/SC 2	Petroleum and related products, fuels and lubricants from natural or synthetic sources/Measurement of petroleum and related products	17	Berlin (Germany)	*	TC 107/SC 4	Metallic and other inorganic coatings/Hot dip coatings (galvanized, etc.)
	Achern (Germany)	**	TC 33	Refractories	20	Geneva (Switzerland)		CSC/SPC	Council/Strategy and Policy Committee (CSC/SPC)
	Pretoria (South Africa)	**	TC 59/SC 2	Buildings and civil engineering works/Terminology and harmonization of languages	21	Geneva (Switzerland)		CSC/FIN	Council/Council Standing Committee on Finance (CSC/FIN)
	Dallas (USA)	**	TC 59/SC 13	Buildings and civil engineering works/Organization of information about construction works		(India)	**	TC 54	Essential oils
	Pretoria (South Africa)	**	TC 59/SC 15	Buildings and civil engineering works/Framework for the description of housing performance		(Korea, Republic of)	**	TC 184/SC 4	Automation systems and integration/Industrial data
	Pretoria (South Africa)	**	TC 59/SC 18	Buildings and civil engineering works/Construction procurement		Bangkok (Thailand)	**	TC 227	Springs
						(Australia)	**	TC 292	Security and resilience
						(China)	**	TC 309	Governance of organizations
					<b>December 2017</b>				
					4-5	Stockholm (Sweden)	*	TC 159/SC 4	Ergonomics/Ergonomics of human-system interaction
					7-8	(Australia)	**	TC 180	Solar energy



7-8	(Australia)	**	TC 180/SC 1	Solar energy/Climate - Measurement and data	16-21	Stockholm (Sweden)	*	TC 164	Mechanical testing of metals
8	Berlin (Germany)	*	TC 44/SC 6	Welding and allied processes/Resistance welding and allied mechanical joining	24	Geneva (Switzerland)	**	COUNCIL	Council
14-15	Tokyo (Japan)	*	TC 159	Ergonomics	26-28	Geneva (Switzerland)	**	GA	General Assembly
	Foshan (China)	**	TC 197	Hydrogen technologies		Vienna (Austria)	**	TC 5	Ferrous metal pipes and metallic fittings
	(Unknown)	**	TC 291	Domestic gas cooking appliances		Philadelphia (USA)	**	TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources
<b>4th Quarter 2017</b>						(Japan)	**	TC 61	Plastics
	(China)	**	TC 34/SC 4	Food products/Cereals and pulses		(Mexico)	**	TC 201	Surface chemical analysis
	(Unknown)	**	TC 210	Quality management and corresponding general aspects for medical devices	<b>3rd Quarter 2018</b>				
<b>January 2018</b>						(Japan)	**	JTC 1/SC 35	Information technology/User interfaces
23-26	(Finland)	**	TC 107	Metallic and other inorganic coatings		Tokyo (Japan)	**	TC 17	Steel
<b>February 2018</b>						Delft (Netherlands)	**	TC 92	Fire safety
12	(Sweden)	**	TC 58	Gas cylinders		Delft (Netherlands)	**	TC 92/SC 2	Fire safety/Fire containment
12-18	(Sweden)	**	TC 58/SC 4	Gas cylinders/Operational requirements for gas cylinders		Delft (Netherlands)	**	TC 92/SC 3	Fire safety/Fire threat to people and environment
<b>March 2018</b>						Delft (Netherlands)	**	TC 92/SC 4	Fire safety/Fire safety engineering
22-23	Geneva (Switzerland)	**	COUNCIL	Council		Sao Paulo (Brazil)	**	TC 135	Non-destructive testing
<b>1st Quarter 2018</b>					<b>October 2018</b>				
	(Netherlands)	**	JTC 1/SC 35	Information technology/User interfaces	1-2	The Hague (Netherlands)	**	TC 209	Cleanrooms and associated controlled environments
<b>April 2018</b>						Beijing (China)	**	TC 59	Buildings and civil engineering works
	(USA)	**	TC 67/SC 7	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/Offshore structures		(China)	**	TC 59/SC 13	Buildings and civil engineering works/Organization of information about construction works
	Edinburgh (United Kingdom)	**	TC 147	Water quality		(Malaysia)	**	TC 215	Health informatics
<b>May 2018</b>					<b>November 2018</b>				
6-13	New Delhi (India)	*	JTC 1/SC 7	Information technology/Software and systems engineering	5-9	Stockholm (Sweden)	*	JTC 1	Information technology
<b>June 2018</b>					<b>Month unknown 2018</b>				
4-5	(Japan)	**	TC 299	Robotics		(Europe)	**	JTC 1/SC 24	Information technology/Computer graphics, image processing and environmental data representation
	Daegu (Korea, Republic of)	**	JTC 1/SC 36	Information technology/Information technology for learning, education and training		Zhuhai (China)	**	JTC 1/SC 28	Information technology/Office equipment
	(Norway)	**	TC 292	Security and resilience		(Canada)	**	TC 23/SC 6	Tractors and machinery for agriculture and forestry/Equipment for crop protection
<b>2nd Quarter 2018</b>						(Unknown)	**	TC 34	Food products
	(Korea, Republic of)	**	TC 6	Paper, board and pulps		(China)	**	TC 45	Rubber and rubber products
	(France)	**	TC 126	Tobacco and tobacco products		(USA)	**	TC 94/SC 13	Personal safety -- Protective clothing and equipment/Protective clothing
<b>September 2018</b>									
10-11	Toronto (Canada)	*	JTC 1/SC 22	Information technology/Programming languages, their environments and system software interfaces					

(China)	**	TC 94/SC 14	Personal safety -- Protective clothing and equipment/ Firefighters' personal equipment
(China)	**	TC 154	Processes, data elements and documents in com- merce, industry and administration
Milan (Italy)	**	TC 161	Controls and protec- tive 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

---

### February 2019

11	(USA)	**	TC 58/SC 4	Gas cylinders/Opera- tional requirements for gas cylinders
----	-------	----	------------	--

---

### May 2019

20-24	(Japan)	**	TC 121	Anaesthetic and res- piratory equipment
-------	---------	----	--------	--

---

### June 2019

Beijing (China)	**	JTC 1/SC 36	Information tech- nology/Information technology for learn- ing, education and training
-----------------	----	-------------	--

---

### Month unknown 2019

(Asia)	**	JTC 1/SC 24	Information technol- ogy/Computer graph- ics, image processing and environmental data representation
(Korea, Repub- lic of)	**	TC 107	Metallic and other inorganic coatings

---

### Month unknown 2020

(North America)	**	JTC 1/SC 24	Information technol- ogy/Computer graph- ics, image processing and environmental data representation
-----------------	----	-------------	--