

# ISO Update

## Supplement to ISO *Focus*

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April 2009

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# People and places

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## ISO Members

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Since the March 2009 issue of *ISO Focus*, the following changes affecting ISO members have occurred:

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### New CEOs

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#### *Member bodies*

##### **EGYPT (EOS)**

Chairman: **Dr. Mohamed Hany Barakat**

##### **JAPAN (JIST)**

President: **Dr. Tamotsu Nomakuchi**

##### **THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA (ISME)**

Director: **Mr. Ljupco Davcev**

#### *Correspondent member*

##### **NEPAL (NSBM)**

Director General: **Dr. Sita Ram Joshi**

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### Address changes

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#### *Member bodies*

##### **CHILE (INN)**

Fax +56 2 441 04 29

##### **ECUADOR (INEN)**

E-mail [rgallegos@inen.gov.ec](mailto:rgallegos@inen.gov.ec)

##### **PANAMA (COPANIT)**

Comisión Panameña de Normas Industriales y Técnicas  
Edificio Plaza Edison, Tercer Piso  
Avenida El Paical y Calle Ricardo J. Alfaro  
Apartado 0815-01119658 Zona 4  
PANAMA

##### **TUNISIA (INNORPI)**

Web [www.innorpi.tn](http://www.innorpi.tn)

#### *Correspondent members*

##### **GABON (ANTT)**

E-mail [tidzanimalem@yahoo.fr](mailto:tidzanimalem@yahoo.fr)

##### **MAURITANIA (DNPQ)**

E-mail [mdethmane@yahoo.fr](mailto:mdethmane@yahoo.fr)

##### **MONTENEGRO (ISME)**

Institute for Standardization of Montenegro  
VII Omladinske 28  
81000 PODGORICA

Tel. +382 20 22 71 08  
Fax +382 20 22 71 38  
E-Mail [isme@t-com.me](mailto:isme@t-com.me)  
Web [www.isme.me](http://www.isme.me)

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# International Standards in process

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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.

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## CD registered

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Period from 05 March to 01 April 2009

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

### TC 6 Paper, board and pulps

ISO/CD 2493-2 Paper and board – Determination of resistance to bending – Part 2: Pendulum-type tester (Revision of ISO 2493:1992)

ISO/CD 3035 Corrugated fibreboard – Determination of flat crush resistance (Revision of ISO 3035:1982)

ISO/CD 5264-2 Pulps – Laboratory beating – Part 2: PFI mill method (Revision of ISO 5264-2:2002)

ISO/CD 12192 Paper and board – Determination of compressive strength – Ring crush method (Revision of ISO 12192:2002)

### TC 8 Ships and marine technology

ISO/CD 11336 Ships and marine technology – Large yachts – Windows, portlight – Strength and waterlightness requirements

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

ISO/CD 7240-25 Fire detection and fire alarm systems – Part 25: Components using radio links

### TC 22 Road vehicles

ISO/CD PAS 13396 Road vehicles – Sled test method to enable side impact testing of child restraint systems – Essential parameters

ISO/CD 13948-2 Diesel engines – Fuel injection pumps and fuel injector low-pressure connections – Part 2: Non-threaded (push-on) connections (Revision of ISO 13948-2:2000)

ISO/CD 16844-2 Road vehicles – Tachograph systems – Part 2: Recording unit, electrical interface (Revision of ISO 16844-2:2004)

### TC 34 Food products

ISO/CD 3720 Black tea – Definition and basic requirements (Revision of ISO 3720:1986, ISO 3720:1986/Cor 1:1992, ISO 3720:1986/Cor 2:2004)

ISO/CD 11287 Green tea – Definition and basic requirements

### TC 45 Rubber and rubber products

ISO/CD 1853 Conducting and dissipative rubbers, vulcanized or thermoplastic – Measurement of resistivity (Revision of ISO 1853:1998)

ISO/CD 2303 Isoprene rubber (IR) – Non-oil-extended, solution-polymerized types – Evaluation procedure (Revision of ISO 2303:2003)

ISO/CD 13226 Rubber – Standard reference elastomers (SREs) for characterizing the effect of liquids on vulcanized rubbers (Revision of ISO 13226:2005)

### TC 54 Essential oils

ISO/CD 13171 Essential oils – Oil of origanum (*Origanum vulgare* ssp. *hirtum*.)

### TC 69 Applications of statistical methods

ISO/CD 22514-6 Statistical methods in process management – Capability and performance – Part 6: Process capability statistics for characteristics following a multivariate normal distribution

### TC 86 Refrigeration and air-conditioning

ISO/CD 5151 Non-ducted air conditioners and heat pumps – Testing and rating for performance (Revision of ISO 5151:1994)

ISO/CD 13253 Ducted air-conditioners and air-to-air heat pumps – Testing and rating for performance (Revision of ISO 13253:1995)

ISO/CD 15042 Multiple split-system air-conditioners and air-to-air heat pumps – Testing and rating for performance

### TC 92 Fire safety

ISO/CD TR 834-3 Fire-resistance tests – Elements of building construction – Part 3: Commentary on test method and test data application (Revision of ISO/TR 834-3:1994)

ISO/CD 12828-1 Method validation for fire gas analysis – Part 1: Limits of detection and quantification

ISO/CD 12863 Standard Test Method for Measuring the Ignition Propensity of Cigarettes

### TC 138 Plastics pipes, fittings and valves for the transport of fluids

ISO/CD 23228 Thermoplastics pipes for the conveyance of fluids – Determination of the stress-rupture resistance of pipe resin materials by the use of plain strain tensile (PSGT) specimens

### TC 145 Graphical symbols

IEC 80416-3: 2002/CD Amd 1 Basic principles for graphical symbols for use on equipment – Part 3: Guidelines for the application of graphical symbols – Amendment 1

### TC 147 Water quality

ISO/CD 13160 Water quality – Measurement of strontium 90 and strontium 89

ISO/CD 13161	Water quality – Measurement of polonium 210 concentration activity in water by alpha spectrometry	ISO/CD 24294	Round and Sawn Timber - Vocabulary (Revision of ISO 4473:1988, ISO 4474:1989, ISO 4476:1983, ISO 8965:1987, ISO 8966:1987)
ISO/CD 13162	Water quality – Determination of carbon 14 activity – Liquid scintillation counting method	<b>TC 228</b>	<b>Tourism and related services</b>
<b>TC 150</b>	<b>Implants for surgery</b>	ISO/CD 28621	Medical SPA – Service provision requirements
ISO/CD 6474-2	Implants for surgery – Ceramic materials – Part 2: Composite materials based on a high purity alumina matrix with zirconia reinforcement (Revision of ISO 6474:1994)	<b>JTC 1</b>	<b>Information technology</b>
ISO/CD 23500	Fluids for haemodialysis and related therapies	ISO/IEC CD 7816-1	Identification cards – Integrated circuit(s) cards with contacts – Part 1: Physical characteristics (Revision of ISO/IEC 7816-1:1998, ISO/IEC 7816-1:1998/Amd 1:2003)
<b>TC 163</b>	<b>Thermal performance and energy use in the built environment</b>	ISO/IEC 14496-16:2006/CD Amd 4	Information technology – Coding of audio-visual objects – Part 16: Animation Framework eXtension (AFX) – Amendment 4: Scalable complexity 3D mesh coding
ISO/CD 13791	Thermal performance of buildings – Calculation of internal temperatures of a room in summer without mechanical cooling – General criteria and validation procedures (Revision of ISO 13791:2004)	ISO/IEC CD 18046-1	Information technology – Radio frequency identification device performance test methods – Part 1: Test methods for system performance (Revision of ISO/IEC 18046:2006)
ISO/CD 13792	Thermal performance of buildings – Calculation of internal temperatures of a room in summer without mechanical cooling – Simplified methods (Revision of ISO 13792:2005)	ISO/IEC CD 18046-2	Information technology – Radio frequency identification device performance test methods – Part 2: Test methods for interrogator performance (Revision of ISO/IEC 18046:2006)
<b>TC 172</b>	<b>Optics and photonics</b>	ISO/IEC 23002-4/CD Amd 1	Information technology – MPEG video technologies – Part 4: Video tool library – Amendment 1: Video tool library
ISO/CD 25297-2	Optics and photonics – Electronic exchange of optical data – Part 2: Mapping to the classes and properties defined in ISO 23584	ISO/IEC CD 29116-1	Information technology – Supplemental media technologies – Part 1: Media streaming application format protocols (Revision of ISO/IEC 29116-1:2008)
<b>TC 190</b>	<b>Soil quality</b>	ISO/IEC CD 29199-3	JPEG XR image coding system – Part 3: Motion JPEG XR
ISO/CD 10930	Soil quality – Measurement of the stability of soil aggregates for the evaluation of soil susceptibility to surface crusting and water erosion		
ISO/CD 11269-1	Soil quality – Determination of the effects of pollutants on soil flora – Part 1: Method for the measurement of inhibition of root growth (Revision of ISO 11269-1:1993)		
ISO/CD 23611-5	Soil quality – Sampling of soil invertebrates – Part 5: Sampling and extraction of soil macro-invertebrates		
<b>TC 197</b>	<b>Hydrogen technologies</b>		
ISO/CD 17268	Compressed hydrogen surface vehicle refuelling connection devices (Revision of ISO 17268:2006)		
<b>TC 205</b>	<b>Building environment design</b>		
ISO/CD 16817	Building environment design – Indoor environment – Design process visual environment		
<b>TC 218</b>	<b>Timber</b>		
ISO/CD 3129	Wood – Sampling methods and general requirements for physical and mechanical tests (Revision of ISO 3129:1975)		
ISO/CD 8965	Logging industry – Technology – Terms and definitions (Revision of ISO 8965:1987)		
ISO/CD 13059	Round timber - Requirements for the measurement of dimensions and methods for the determination of volume (Revision of ISO 4480:1983)		

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## DIS circulated

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Period from 05 March to 01 April 2009

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>TC 6</b>	<b>Paper, board and pulps</b>		
ISO/DIS 15320	Paper, board and pulps – Determination of pentachlorophenol in an aqueous extract (Revision of ISO 15320:2003)	2009-08-27	
<b>TC 8</b>	<b>Ships and marine technology</b>		
ISO/DIS 18072-2	* Ships and marine technology – Ship structures – Part 2: Requirements for their ultimate strength limit state assessment	2009-08-10	

<b>TC 17</b>	<b>Steel</b>			<b>TC 37</b>	<b>Terminology and other language and content resources</b>		
ISO/DIS 10332	* Non-destructive testing of steel tubes – Automated ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for verification of hydraulic leak-tightness as a substitution for the hydraulic test (Revision of ISO 10332:1994)	2009-08-14		ISO/DIS 24612	* Language resource management – Linguistic annotation framework (LAF)	2009-08-14	
<b>TC 22</b>	<b>Road vehicles</b>			ISO/DIS 24615	* Language resource management – Syntactic annotation framework (SynAF)	2009-08-14	
ISO/DIS 1726-3	* Road vehicles – Mechanical coupling between tractors and semi-trailers – Part 3: Requirements for semi-trailer rubbing plates	2009-08-21		ISO/DIS 29383	* Terminology policies – Development and implementation	2009-08-20	
ISO/DIS 4107	* Commercial vehicles – Wheel hub attachment dimensions (Revision of ISO 4107:1998)	2009-08-07		<b>TC 38</b>	<b>Textiles</b>		
ISO/DIS 8820-3	* Road vehicles – Fuse-links – Part 3: Fuse-links with tabs (blade type) Type C (medium), Type E (high current) and Type F (miniature) (Revision of ISO 8820-3:2002)	2009-08-14		ISO/DIS 3758.2	Textiles – Care labelling code using symbols (Revision of ISO 3758:2005)	2009-08-06	
ISO/DIS 15765-4	* Road vehicles – Diagnostics on Controller Area Networks (CAN) – Part 4: Requirements for emissions-related systems (Revision of ISO 15765-4:2005)	2009-08-10		<b>TC 45</b>	<b>Rubber and rubber products</b>		
<b>TC 23</b>	<b>Tractors and machinery for agriculture and forestry</b>			ISO/DIS 2004	Natural rubber latex concentrate – Centrifuged or creamed, ammonia-preserved types – Specifications (Revision of ISO 2004:1997)	2009-08-14	
ISO/DIS 14223-1	Radiofrequency identification of animals – Advanced transponders – Part 1: Air interface (Revision of ISO 14223-1:2003, ISO 14223-1:2003/CD Amd 1)	2009-08-07		ISO/DIS 4081	* Rubber hoses and tubing for cooling systems for internal-combustion engines – Specification (Revision of ISO 4081:2005)	2009-08-25	
<b>TC 28</b>	<b>Petroleum products and lubricants</b>			ISO/DIS 30013	Rubber and thermoplastics hoses – Methods of exposure to laboratory light sources – Determination of changes in colour, appearance and other physical properties (Revision of ISO 8580:1987, ISO 11758:1995, ISO 11758:1995/Cor 1:1998)	2009-08-20	
ISO/DIS 26422	* Petroleum and related products – Determination of shear stability of lubricating oils containing polymers – Method using a tapered roller bearing	2009-09-01		<b>TC 54</b>	<b>Essential oils</b>		
<b>TC 31</b>	<b>Tyres, rims and valves</b>			ISO/DIS 10869	Oil of fir needle, Siberian ( <i>Abies sibirica</i> Ledeb.)	2009-08-14	
ISO 7867-2: 2005/DAmD 1	* Tyres and rims (metric series) for agricultural tractors and machines – Part 2: Service description and load ratings – Amendment 1:.	2009-08-25		<b>TC 58</b>	<b>Gas cylinders</b>		
ISO 18164: 2005/DAmD 1	* Passenger car, truck, bus and motorcycle tyres – Methods of measuring rolling resistance – Amendment 1	2009-08-28		ISO/DIS 11114-1	Transportable gas cylinders – Compatibility of cylinder and valve materials with gas contents – Part 1: Metallic materials (Revision of ISO 11114-1:1997)	2009-08-13	
<b>TC 33</b>	<b>Refractories</b>			<b>TC 61</b>	<b>Plastics</b>		
ISO/DIS 21828	Guidance on standards available for preparation and testing of unshaped refractory products	2009-08-20		ISO/DIS 18280	* Plastics – Epoxy resins – Test methods (Revision of ISO 18280:2005)	2009-08-14	
<b>TC 34</b>	<b>Food products</b>			ISO/DIS 29664	* Plastics – Artificial weathering including acidic deposition	2009-09-01	
ISO/DIS 3632-2	* Saffron ( <i>Crocus sativus</i> L.) – Part 2: Test methods (Revision of ISO/TS 3632-2:2003)	2009-08-07		<b>TC 67</b>	<b>Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries</b>		
				ISO/DIS 21809-1.2	Petroleum and natural gas industries – External coatings for buried or submerged pipelines used in pipeline transportation systems – Part 1: Polyolefin coatings (3-layer PE and 3-layer PP)	2009-05-27	

ISO/DIS 28781	* Petroleum and natural gas industries – Drilling and production equipment – Subsurface valves and related equipment	2009-08-27	<b>TC 163</b>	<b>Thermal performance and energy use in the built environment</b>	
<b>TC 70</b>	<b>Internal combustion engines</b>		ISO/DIS 12567-1	* Thermal performance of windows and doors – Determination of thermal transmittance by the hot-box method – Part 1: Complete windows and doors (Revision of ISO 12567-1:2000)	2009-08-20
ISO/DIS 7967-9	Reciprocating internal combustion engines – Vocabulary of components and systems – Part 9: Control and monitoring systems (Revision of ISO 7967-9:1996)	2009-08-11	ISO/DIS 18292	* Energy performance of fenestration systems – Calculation procedure	2009-08-10
<b>TC 85</b>	<b>Nuclear energy</b>		<b>TC 164</b>	<b>Mechanical testing of metals</b>	
ISO/DIS 17874-3	Remote handling devices for radioactive materials – Part 3: Electrical master-slave manipulators	2009-08-25	ISO/DIS 1143	* Metallic materials – Rotating bar bending fatigue testing (Revision of ISO 1143:1975)	2009-08-20
<b>TC 94</b>	<b>Personal safety – Protective clothing and equipment</b>		<b>TC 165</b>	<b>Timber structures</b>	
ISO/DIS 4007	Personal protective equipment – Eye and face protection – Vocabulary (Revision of ISO 4007:1977)	2009-08-06	ISO/DIS 8969	Timber structures – Testing of punched metal plate fasteners and joints (Revision of ISO 8969:1990)	2009-08-28
<b>TC 106</b>	<b>Dentistry</b>		ISO/DIS 22389	* Timber structures – Bending applications of I-beams – Structural testing, evaluation and characterization	2009-08-07
ISO/DIS 10451	Dentistry – Contents of technical file for dental implant systems (Revision of ISO 10451:2002)	2009-08-06	ISO/DIS 22390-1.2	* Timber structures – Laminated veneer lumber (LVL) – Part 1: Structural properties	9999-01-01
ISO/DIS 28399	Dentistry – Products for external tooth bleaching	2009-08-27	<b>TC 184</b>	<b>Automation systems and integration</b>	
<b>TC 146</b>	<b>Air quality</b>		ISO/DIS 22745-1	* Industrial automation systems and integration – Open technical dictionaries and their application to master data – Part 1: Overview and fundamental principles (Revision of ISO/TS 22745-1:2009)	2009-08-21
ISO/DIS 17736	* Workplace air quality – Determination of isocyanate in air using a double-filter sampling device and analysis by high pressure liquid chromatography	2009-08-11	ISO/DIS 22745-11	* Industrial automation systems and integration – Open technical dictionaries and their application to master data – Part 11: Guidelines for the formulation of terminology (Revision of ISO/TS 22745-11:2009)	2009-08-21
ISO/DIS 21438-3	Workplace atmospheres – Determination of inorganic acids by ion chromatography – Part 3: Hydrofluoric acid and particulate fluorides	2009-08-07	ISO/DIS 22745-13	* Industrial automation systems and integration – Open technical dictionaries and their application to master data – Part 13: Identification of concepts and terminology (Revision of ISO/TS 22745-13:2009)	2009-08-21
ISO/DIS 30011	Workplace air – Determination of metals and metalloids in airborne particulate matter by inductively coupled plasma mass spectrometry	2009-08-07	ISO/DIS 22745-2	* Industrial automation systems and integration – Open technical dictionaries and their application to master data – Part 2: Vocabulary (Revision of ISO/TS 22745-2:2009)	2009-08-21
<b>TC 147</b>	<b>Water quality</b>		ISO/DIS 22745-20	* Industrial automation systems and integration – Open technical dictionaries and their application to master data – Part 20: Procedures for the maintenance of an open technical dictionary (Revision of ISO/TS 22745-20:2009)	2009-08-21
ISO/DIS 5667-22	* Water quality – Sampling – Part 22: Guidance on the design and installation of groundwater monitoring points	2009-09-01			
ISO/DIS 7827	Water quality – Evaluation of the "ready", "ultimate" aerobic biodegradability of organic compounds in an aqueous medium – Method by analysis of dissolved organic carbon (DOC) (Revision of ISO 7827:1994)	2009-08-14			
ISO/DIS 11349	Water quality – Determination of lipophilic substances of low volatility – Gravimetric method	2009-08-07			
<b>TC 159</b>	<b>Ergonomics</b>				
ISO/DIS 9241-129	Ergonomics of human-system interaction – Part 129: Guidance on individualization	2009-08-27			

<b>TC 199</b>	<b>Safety of machinery</b>		
ISO/DIS 29042-5	* Safety of machinery – Evaluation of the emission of airborne hazardous substances – Part 5: Test bench method for the measurement of the separation efficiency by mass of air cleaning systems with unducted outlet	2009-08-20	
ISO/DIS 29042-6	* Safety of machinery – Evaluation of the emission of airborne hazardous substances – Part 6: Test bench method for the measurement of the separation efficiency by mass of air cleaning systems with ducted outlet	2009-08-20	
ISO/DIS 29042-7	* Safety of machinery – Evaluation of the emission of airborne hazardous substances – Part 7: Test bench method for the measurement of the pollutant concentration parameter	2009-08-20	
<b>TC 201</b>	<b>Surface chemical analysis</b>		
ISO/DIS 10810	* Surface chemical analysis – X-ray photoelectron spectroscopy – Guidelines for analysis	2009-08-28	
ISO 17331: 2004/DAmD 1	* Surface chemical analysis – Chemical methods for the collection of elements from the surface of silicon-wafer working reference materials and their determination by total-reflection X-ray fluorescence (TXRF) spectroscopy – Amendment 1	2009-08-25	
<b>TC 211</b>	<b>Geographic information/ Geomatics</b>		
ISO/DIS 19142	* Geographic information – Web Feature Service	2009-08-27	
ISO/DIS 19143	* Geographic information – Filter encoding	2009-09-01	
<b>TC 229</b>	<b>Nanotechnologies</b>		
ISO/DIS 10808	* Nanotechnologies – Characterization of nanoparticles in inhalation exposure chambers for inhalation toxicity testing	2009-08-20	
<b>JTC 1</b>	<b>Information technology</b>		
ISO/IEC DIS 13157	* Information technology – Telecommunications and information exchange between systems – NFC-SEC: NFCIP-1 Security Services and Protocol	2009-08-28	
ISO/IEC DIS 13158	* Information technology – Telecommunications and information exchange between systems – NFC-SEC-01: NFC-SEC Cryptography Standard using ECDH and AES	2009-08-28	
ISO/IEC DIS 13170	* Information technology – 120 mm (8,54 Gbytes per side) and 80 mm (2,66 Gbytes per side) DVD Re-recordable disk for Dual Layer (DVD-RW for DL)	2009-08-28	
ISO/IEC DIS 13186	* Information technology – Storage management	2009-08-28	

ISO/IEC DIS 13187	* Information technology – Server Management Command Line Protocol (SM CLP) specification	2009-08-28	
ISO/IEC DIS 26907	* Information technology – Telecommunications and information exchange between systems – High Rate Ultra Wideband PHY and MAC Standard (Revision of ISO/IEC 26907:2007)	2009-08-28	

## FDIS circulated

Period from 05 March to 01 April 2009

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 2</b>	<b>Fasteners</b>		
ISO/FDIS 10644	Screw and washer assemblies made of steel with plain washers – Washer hardness classes 200 HV and 300 HV (Revision of ISO 10644:1998)	2009-05-20	
ISO/FDIS 10673	Plain washers for screw and washer assemblies – Small, normal and large series – Product grade A (Revision of ISO 10673:1998)	2009-05-20	
ISO/FDIS 13337	Spring-type straight pins – Slotted, light duty (Revision of ISO 13337:1997)	2009-05-06	
<b>TC 8</b>	<b>Ships and marine technology</b>		
ISO/FDIS 8729-2	* Ships and marine technology – Marine radar reflectors – Part 2: Active type	2009-05-17	
<b>TC 21</b>	<b>Equipment for fire protection and fire fighting</b>		
ISO/FDIS 6183	* Fire protection equipment – Carbon dioxide extinguishing systems for use on premises – Design and installation (Revision of ISO 6183:1990)	2009-05-10	
<b>TC 22</b>	<b>Road vehicles</b>		
ISO/FDIS 22900-3	* Road vehicles – Modular vehicle communication interface (MVC1) – Part 3: Diagnostic server application programming interface (D-Server API)	2009-05-19	
ISO/FDIS 28741	Road vehicles – Spark-plugs and their cylinder head housings – Basic characteristics and dimensions	2009-05-10	

<b>TC 24</b>	<b>Particle characterization including sieving</b>		ISO/FDIS 14723* Petroleum and natural gas industries – Pipeline transportation systems – Subsea pipeline valves (Revision of ISO 14723:2001)	2009-05-20
ISO/FDIS 13320*	Particle size analysis – Laser diffraction methods – General principles (Revision of ISO 13320-1:1999)	2009-05-13	ISO/FDIS 19901-6 * Petroleum and natural gas industries – Specific requirements for offshore structures – Part 6: Marine operations	2009-05-13
<b>TC 31</b>	<b>Tyres, rims and valves</b>			
ISO/FDIS 28580	Passenger car, truck and bus tyres – Methods of measuring rolling resistance – Single point test and correlation of measurement results	2009-05-28	<b>TC 92</b>	<b>Fire safety</b>
			ISO/FDIS 6944-2	* Fire containment – Elements of building construction – Part 2: Kitchen extract ducts
<b>TC 34</b>	<b>Food products</b>		ISO/FDIS 23932	Fire safety engineering – General principles
ISO/FDIS 1871	Food and feed products – General guidelines for the determination of nitrogen by the Kjeldahl method (Revision of ISO 1871:1975)	2009-06-01	<b>TC 96</b>	<b>Cranes</b>
ISO/FDIS 6465	Spices – Cumin (Cuminum cyminum L.) – Specification (Revision of ISO 6465:1984)	2009-05-27	ISO/FDIS 4310	Cranes – Test code and procedures (Revision of ISO 4310:1981)
ISO 17604:2003/FDAmD 1	Microbiology of food and animal feeding stuffs – Carcass sampling for microbiological analysis – Amendment 1: Sampling of poultry carcasses	2009-05-12	<b>TC 102</b>	<b>Iron ore and direct reduced iron</b>
ISO/FDIS 30024	Animal feeding stuffs – Determination of phytase activity	2009-05-20	ISO/FDIS 4691	* Iron ores – Determination of titanium – Diantiprylmethane spectrophotometric method (Revision of ISO 4691:1985)
<b>TC 39</b>	<b>Machine tools</b>		ISO/FDIS 9682-1	* Iron ores – Determination of manganese content – Part 1: Flame atomic absorption spectrometric method (Revision of ISO 9682-1:1991)
ISO/FDIS 13041-6	Test conditions for numerically controlled turning machines and turning centres – Part 6: Accuracy of a finished test piece (Revision of ISO 13041-6:2005)	2009-05-17	ISO/FDIS 9683-2	* Iron ores – Determination of vanadium – Part 2: Flame atomic absorption spectrometric methods
<b>TC 43</b>	<b>Acoustics</b>		ISO/FDIS 11533*	Iron ores – Determination of cobalt – Flame atomic absorption spectrometric method (Revision of ISO 11533:1996)
ISO/FDIS 13474*	Acoustics – Framework for calculating a distribution of sound exposure levels for impulsive sound events for the purposes of environmental noise assessment (Revision of ISO/TS 13474:2003)	2009-05-07	<b>TC 106</b>	<b>Dentistry</b>
<b>TC 44</b>	<b>Welding and allied processes</b>		ISO/FDIS 3630-4	Dentistry – Root canal instruments – Part 4: Auxiliary instruments
ISO/FDIS 5173	Destructive tests on welds in metallic materials – Bend tests (Revision of ISO 5173:2000)	2009-05-17	<b>TC 110</b>	<b>Industrial trucks</b>
ISO/FDIS 17677-1	Resistance welding – Vocabulary – Part 1: Spot, projection and seam welding	2009-05-13	ISO/FDIS 22915-21	Industrial trucks – Verification of stability – Part 21: Order-picking trucks with operator position elevating above 1 200 mm
<b>TC 61</b>	<b>Plastics</b>		<b>TC 117</b>	<b>Fans</b>
ISO/FDIS 22007-1	Plastics – Determination of thermal conductivity and thermal diffusivity – Part 1: General principles	2009-05-14	ISO/FDIS 27327-1	* Fans – Air curtain units – Part 1: Laboratory methods of testing for aerodynamic performance rating
<b>TC 67</b>	<b>Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries</b>		<b>TC 138</b>	<b>Plastics pipes, fittings and valves for the transport of fluids</b>
ISO/FDIS 13623*	Petroleum and natural gas industries – Pipeline transportation systems (Revision of ISO 13623:2000)	2009-05-19	ISO 15874-3:2003/FDAmD 1	Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 3: Fittings – Amendment 1
			<b>TC 146</b>	<b>Air quality</b>

ISO/FDIS 23210	Stationary source emissions – Determination of PM10/PM2,5 mass concentration in flue gas – Measurement at low concentrations by use of impactors (Revision of ISO/DIS 23210-1)	2009-05-20	ISO/IEC FDIS 9594-2	* Information technology – Open Systems Interconnection – The Directory: Models – Part 2: (Revision of ISO/IEC 9594-2:2005)	2009-05-06
<b>TC 147</b>	<b>Water quality</b>		ISO/IEC FDIS 9594-3	* Information technology – Open Systems Interconnection – The Directory: Abstract service definition – Part 3: (Revision of ISO/IEC 9594-3:2005)	2009-05-06
ISO/FDIS 24293*	Water quality – Determination of individual isomers of nonylphenol – Method using solid phase extraction (SPE) and gas chromatography/mass spectrometry (GC/MS)	2009-05-12	ISO/IEC FDIS 9594-4	* Information technology – Open Systems Interconnection – The Directory: Procedures for distributed operation – Part 4: (Revision of ISO/IEC 9594-4:2005)	2009-05-06
<b>TC 157</b>	<b>Mechanical contraceptives</b>		ISO/IEC FDIS 9594-5	* Information technology – Open Systems Interconnection – The Directory: Protocol specifications – Part 5: (Revision of ISO/IEC 9594-5:2005)	2009-05-06
ISO 7439:2002/ FDAmd 1	Copper-bearing intra-uterine contraceptive devices – Requirements, tests – Amendment 1	2009-05-13	ISO/IEC FDIS 9594-6	* Information technology – Open Systems Interconnection – The Directory: Selected attribute types – Part 6: (Revision of ISO/IEC 9594-6:2005)	2009-05-06
<b>TC 164</b>	<b>Mechanical testing of metals</b>		ISO/IEC FDIS 9594-7	* Information technology – Open Systems Interconnection – The Directory: Selected object classes – Part 7: (Revision of ISO/IEC 9594-7:2005)	2009-05-06
ISO/FDIS 16630	Metallic materials – Sheet and strip – Hole expanding test (Revision of ISO/TS 16630:2003)	2009-05-14	ISO/IEC FDIS 9594-8	* Information technology – Open Systems Interconnection – The Directory: Public-key and attribute certificate frameworks – Part 8: (Revision of ISO/IEC 9594-8:2005)	2009-05-06
<b>TC 184</b>	<b>Automation systems and integration</b>		ISO/IEC FDIS 9594-9	* Information technology – Open Systems Interconnection – The Directory: Replication – Part 9: (Revision of ISO/IEC 9594-9:2005)	2009-05-06
ISO/FDIS 23570-3	* Industrial automation systems and integration – Distributed installation in industrial applications – Part 3: Power distribution bus (Revision of ISO 23570-3:2006)	2009-06-02	ISO/IEC 13818-2:2000/ FDAmd 3	* Information technology – Generic coding of moving pictures and associated audio information: Video – Part 2: – Amendment 3: New level for 1080@50p/60p	2009-05-12
<b>TC 188</b>	<b>Small craft</b>		ISO/IEC FDIS 14496-2:2004/ FDAmd 5	* Information technology – Coding of audio-visual objects – Part 2: Visual – Amendment 5: Simple studio profile levels 5 and 6	2009-05-14
ISO/FDIS 12401	Small craft – Deck safety harness and safety line – Safety requirements and test methods (Revision of ISO 12401:2004)	2009-05-26	ISO/IEC 14496-4:2004/ FDAmd 35	* Information technology – Coding of audio-visual objects – Part 4: Conformance testing – Amendment 3: Level for 1080@50p/60p conformance testing	2009-05-11
ISO/FDIS 14509-3	Small craft – Airborne sound emitted by powered recreational craft – Part 3: Sound assessment using calculation and measurement procedures	2009-05-20	ISO/IEC 14496-5:2001/ FDAmd 19	* Information technology – Coding of audio-visual objects – Part 5: Reference software – Amendment 19: Reference software for Scalable Video Coding	2009-05-14
<b>TC 228</b>	<b>Tourism and related services</b>				
ISO/FDIS 11107*	Recreational diving services – Requirements for training programmes on enriched air nitrox (EAN) diving	2009-05-26			
ISO/FDIS 11121*	Recreational diving services – Requirements for introductory training programmes to scuba diving	2009-05-26			
<b>JTC 1</b>	<b>Information technology</b>				
ISO/IEC FDIS 9594-1	* Information technology – Open Systems Interconnection – The Directory: Overview of concepts, models and services – Part 1: (Revision of ISO/IEC 9594-1:2005)	2009-05-06			
ISO/IEC FDIS 9594-10	* Information technology – Open Systems Interconnection – The Directory: Use of systems management for administration of the Directory – Part 10: (Revision of ISO/IEC 9594-10:2005)	2009-05-06			

ISO/IEC FDIS 14776-414	* Information technology – Small Computer System Interface (SCSI) – Part 414: SCSI Architecture Model-4 (SAM-4)	2009-05-28	ISO 15835-1: 2009	Steels for the reinforcement of concrete – Reinforcement couplers for mechanical splices of bars – Part 1: Requirements	G
ISO/IEC FDIS 15419	* Information technology – Automatic identification and data capture techniques – Bar code digital imaging and printing performance testing (Revision of ISO/IEC 15419:2001)	2009-05-12	ISO 15835-2: 2009	Steels for the reinforcement of concrete – Reinforcement couplers for mechanical splices of bars – Part 2: Test methods	F
ISO/IEC 15444-1:2004/ FdAmd 2	* Information technology – JPEG 2000 image coding system: Core coding system – Part 1: – Amendment 2: Extended profiles for cinema and video production and archival applications	2009-05-14			

## Standards published

New International Standards published between 05 March and 01 April 2009

\* Available in English only

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

			Price group		
<b>TC 2</b>	<b>Fasteners</b>				
ISO 898-1:2009	Mechanical properties of fasteners made of carbon steel and alloy steel – Part 1: Bolts, screws and studs with specified property classes – Coarse thread and fine pitch thread		U		
<b>TC 6</b>	<b>Paper, board and pulps</b>				
ISO 15754:2009*	Paper and board – Determination of z-directional tensile strength		D		
<b>TC 8</b>	<b>Ships and marine technology</b>				
ISO 15371:2009*	Ships and marine technology – Fire-extinguishing systems for protection of galley cooking equipment		M		
ISO 18813:2006	Ships and marine technology – Survival equipment for survival craft and rescue boats		L		
ISO 22472:2006	Ships and marine technology – Guidelines for the operation and installation of voyage data recorders (VDR)		U		
ISO/PAS 22853: 2005	Ships and marine technology – Computer applications – Specification of Maritime Safety Markup Language (MSML)		X		
ISO 30000:2009	Ships and marine technology – Ship recycling management systems – Specifications for management systems for safe and environmentally sound ship recycling facilities		H		
<b>TC 17</b>	<b>Steel</b>				
ISO 4993:2009	Steel and iron castings – Radiographic inspection		H		
				<b>TC 20</b>	<b>Aircraft and space vehicles</b>
				ISO 7718-1: 2009	* Aircraft – Passenger doors interface requirements for connection of passenger boarding bridge – Part 1: Main deck doors
				ISO 7718-2: 2009	* Aircraft – Passenger doors interface requirements for connection of passenger boarding bridge – Part 2: Upper deck doors
				ISO 8829-1: 2009	* Aerospace – Test methods for polytetrafluoroethylene (PTFE) inner-tube hose assemblies – Part 1: Metallic (stainless steel) braid
				<b>TC 21</b>	<b>Equipment for fire protection and fire fighting</b>
				ISO 7240-27: 2009	* Fire detection and alarm systems – Part 27: Point-type fire detectors using a scattered-light, transmitted-light or ionization smoke sensor, an electrochemical-cell carbon-monoxide sensor and a heat sensor
				ISO/TS 12854: 2009	* Gaseous media fire-extinguishing systems – Physical properties and system design – Scaling factors for Class B fuels other than heptane
				ISO/TS 13075: 2009	* Gaseous-media fire-extinguishing systems – Engineered extinguishing systems – Flow calculation implementation method and flow verification and testing for approval
				<b>TC 22</b>	<b>Road vehicles</b>
				ISO 11452-10: 2009	* Road vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 10: Immunity to conducted disturbances in the extended audio frequency range
				ISO 27956:2009	Road vehicles – Securing of cargo in delivery vans – Requirements and test methods
				<b>TC 34</b>	<b>Food products</b>
				ISO 3961:2009	Animal and vegetable fats and oils – Determination of iodine value
				ISO 3976:2006	Milk fat – Determination of peroxide value
				ISO 5550:2006	Caseins and caseinates – Determination of moisture content (Reference method)
				ISO 6885:2006	Animal and vegetable fats and oils – Determination of anisidine value
				ISO 8156:2005	Dried milk and dried milk products – Determination of insolubility index
				ISO 12078:2006	Anhydrous milk fat – Determination of sterol composition by gas liquid chromatography (Reference method)
				ISO/TS 22003: 2007	Food safety management systems – Requirements for bodies providing audit and certification of food safety management systems

ISO 29822:2009	Vegetable fats and oils – Isomeric diacylglycerols – Determination of relative amounts of 1,2- and 1,3-diacylglycerols	D	<b>TC 59</b>	<b>Building construction</b>	
ISO 29841:2009	Vegetable fats and oils – Determination of the degradation products of chlorophylls a and a' (pheophytins a, a' and pyropheophytins)	F	ISO 9047:2001/ Cor 1:2009	Building construction – Jointing products – Determination of adhesion/cohesion properties of sealants at variable temperatures – Technical Corrigendum 1	free
<b>TC 35</b>	<b>Paints and varnishes</b>		<b>TC 61</b>	<b>Plastics</b>	
ISO 20340:2009	Paints and varnishes – Performance requirements for protective paint systems for offshore and related structures	L	ISO 22088-5: 2006**	Plastics – Determination of resistance to environmental stress cracking (ESC) – Part 5: Constant tensile deformation method	E
<b>TC 38</b>	<b>Textiles</b>		ISO 22088-6: 2006**	Plastics – Determination of resistance to environmental stress cracking (ESC) – Part 6: Slow strain rate method	E
ISO 23606:2009	Textiles – Knitted fabrics – Representation and pattern design	G	<b>TC 67</b>	<b>Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries</b>	
<b>TC 43</b>	<b>Acoustics</b>		ISO 10414-1: 2008**	Petroleum and natural gas industries – Field testing of drilling fluids – Part 1: Water-based fluids	X
ISO/TS 7849-1: 2009	* Acoustics – Determination of airborne sound power levels emitted by machinery using vibration measurement – Part 1: Survey method using a fixed radiation factor	K	ISO 13628-7: 2005**	Petroleum and natural gas industries – Design and operation of subsea production systems – Part 7: Completion/workover riser systems	XF
ISO/TS 7849-2: 2009	* Acoustics – Determination of airborne sound power levels emitted by machinery using vibration measurement – Part 2: Engineering method including determination of the adequate radiation factor	N	ISO 13628-8: 2002**	Petroleum and natural gas industries – Design and operation of subsea production systems – Part 8: Remotely Operated Vehicle (ROV) interfaces on subsea production systems	V
ISO 9612:2009	Acoustics – Determination of occupational noise exposure – Engineering method	S	ISO 13628-9: 2000**	Petroleum and natural gas industries – Design and operation of subsea production systems – Part 9: Remotely Operated Tool (ROT) intervention systems	M
ISO 13473-5: 2009	Characterization of pavement texture by use of surface profiles – Part 5: Determination of megatexture	N	<b>TC 68</b>	<b>Financial services</b>	
<b>TC 44</b>	<b>Welding and allied processes</b>		ISO 11649:2009*	Financial services – Core banking – Structured creditor reference to remittance information	D
ISO 26304: 2008/Cor 1: 2009	Welding consumables – Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of high strength steels – Classification – Technical Corrigendum 1	free	<b>TC 71</b>	<b>Concrete, reinforced concrete and pre-stressed concrete</b>	
<b>TC 45</b>	<b>Rubber and rubber products</b>		ISO 1920-8: 2009	* Testing of concrete – Part 8: Determination of drying shrinkage of concrete for samples prepared in the field or in the laboratory	J
ISO 1431-1: 2004/Amd 1: 2009	Rubber, vulcanized or thermoplastic – Resistance to ozone cracking – Part 1: Static and dynamic strain testing – Amendment 1	XZ	ISO 1920-9: 2009	* Testing of concrete – Part 9: Determination of creep of concrete cylinders in compression	D
<b>TC 46</b>	<b>Information and documentation</b>		<b>TC 72</b>	<b>Textile machinery and accessories</b>	
ISO 21047:2009	Information and documentation – International Standard Text Code (ISTC)	L	ISO 96-1:2009	* Textile machinery and accessories – Rings and travellers for ring spinning and ring twisting frames – Part 1: Flange rings T and SF and their travellers	B
ISO/TR 28118: 2009	* Information and documentation – Performance indicators for national libraries	X	ISO 96-2:2009	* Textile machinery and accessories – Rings and travellers for ring spinning and ring twisting frames – Part 2: HZ- and J-rings and their travellers	C
<b>TC 54</b>	<b>Essential oils</b>		ISO 9902-1: 2001/Amd 1: 2009	Textile machinery – Noise test code – Part 1: Common requirements – Amendment 1	XZ
ISO 8902:2009	Oil of lavandin Grosso (Lavandula angustifolia Mill. x Lavandula latifolia Medik.), French type	D	ISO 9902-2: 2001/Amd 1: 2009	Textile machinery – Noise test code – Part 2: Spinning preparatory and spinning machinery – Amendment 1	XZ
<b>TC 58</b>	<b>Gas cylinders</b>				
ISO 19078:2006	Gas cylinders – Inspection of the cylinder installation, and requalification of high pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles	Q			

ISO 9902-3: 2001/Amd 1: 2009	Textile machinery – Noise test code – Part 3: Nonwoven machinery – Amendment 1	XZ	ISO 6099:2009	Fluid power systems and components – Cylinders – Identification code for mounting dimensions and mounting types	V
ISO 9902-4: 2001/Amd 1: 2009	Textile machinery – Noise test code – Part 4: Yarn processing, cordage and rope manufacturing machinery – Amendment 1	XZ	ISO 6194-2: 2009	Rotary shaft lip-type seals incorporating elastomeric sealing elements – Part 2: Vocabulary	R
ISO 9902-5: 2001/Amd 1: 2009	Textile machinery – Noise test code – Part 5: Weaving and knitting preparatory machinery – Amendment 1	XZ	ISO 6194-4: 2009	Rotary shaft lip-type seals incorporating elastomeric sealing elements – Part 4: Performance test procedures	J
ISO 9902-6: 2001/Amd 1: 2009	Textile machinery – Noise test code – Part 6: Fabric manufacturing machinery – Amendment 1	XZ	ISO 8139:2009	Pneumatic fluid power – Cylinders, 1 000 kPa (10 bar) series – Mounting dimensions of rod-end spherical eyes	B
ISO 9902-7: 2001/Amd 1: 2009	Textile machinery – Noise test code – Part 7: Dyeing and finishing machinery – Amendment 1	XZ	ISO 8140:2009	Pneumatic fluid power – Cylinders, 1 000 kPa (10 bar) series – Mounting dimensions of rod-end clevises	B
<b>TC 91</b>	<b>Surface active agents</b>		<b>TC 138</b>	<b>Plastics pipes, fittings and valves for the transport of fluids</b>	
ISO 8799:2009	Surface active agents – Sulfated ethoxylated alcohols and alkylphenols – Determination of content of unsulfated matter	C	ISO 15877-1: 2009	Plastics piping systems for hot and cold water installations – Chlorinated poly(vinyl chloride) (PVC-C) – Part 1: General	F
<b>TC 92</b>	<b>Fire safety</b>		ISO 15877-2: 2009	Plastics piping systems for hot and cold water installations – Chlorinated poly(vinyl chloride) (PVC-C) – Part 2: Pipes	H
ISO 10295-2: 2009/Cor 1: 2009	* Fire tests for building elements and components – Fire testing of service installations – Part 2: Linear joint (gap) seals – Technical Corrigendum 1	free	ISO 15877-3: 2009	Plastics piping systems for hot and cold water installations – Chlorinated poly(vinyl chloride) (PVC-C) – Part 3: Fittings	M
<b>TC 111</b>	<b>Round steel link chains, chain slings, components and accessories</b>		ISO 15877-5: 2009	Plastics piping systems for hot and cold water installations – Chlorinated poly(vinyl chloride) (PVC-C) – Part 5: Fitness for purpose of the system	E
ISO 8539:2009	Forged steel lifting components for use with Grade 8 chain	F	<b>TC 146</b>	<b>Air quality</b>	
<b>TC 113</b>	<b>Hydrometry</b>		ISO 17735:2009*	Workplace atmospheres – Determination of total isocyanate groups in air using 1-(9-anthracenylmethyl)piperazine (MAP) reagent and liquid chromatography	N
ISO 26906:2009*	Hydrometry – Fishpasses at flow measurement structures	N	<b>TC 147</b>	<b>Water quality</b>	
<b>TC 114</b>	<b>Horology</b>		ISO 21427-2: 2006/Cor 1: 2009	* Water quality – Evaluation of genotoxicity by measurement of the induction of micronuclei – Part 2: Mixed population method using the cell line V79 – Technical Corrigendum 1	free
ISO 12819:2009	Methods of evaluation of the battery life of a battery-powered watch	E	<b>TC 148</b>	<b>Sewing machines</b>	
<b>TC 121</b>	<b>Anaesthetic and respiratory equipment</b>		ISO 10821: 2005/Amd 1: 2009	Industrial sewing machines – Safety requirements for sewing machines, units and systems – Amendment 1	XZ
ISO/TR 13154: 2009	* Medical electrical equipment – Deployment, implementation and operational guidelines for indentifying febrile humans using a screening thermograph	J	<b>TC 150</b>	<b>Implants for surgery</b>	
<b>TC 127</b>	<b>Earth-moving machinery</b>		ISO 5840: 2005**	Cardiovascular implants – Cardiac valve prostheses	X
ISO 23727:2009	Earth-moving machinery – Wheeled loader coupler for attachments	F	ISO 7199:2009	* Cardiovascular implants and artificial organs – Blood-gas exchangers (oxygenators)	F
<b>TC 130</b>	<b>Graphic technology</b>		ISO 14242-3: 2009	Implants for surgery – Wear of total hip-joint prostheses – Part 3: Loading and displacement parameters for orbital bearing type wear testing machines and corresponding environmental conditions for test	E
ISO 28178:2009*	Graphic technology – Exchange format for colour and process control data using XML or ASCII text	R			
<b>TC 131</b>	<b>Fluid power systems</b>				
ISO 2941:2009	Hydraulic fluid power – Filter elements – Verification of collapse/burst pressure rating	E			

ISO 15674:2009*	Cardiovascular implants and artificial organs – Hard-shell cardiotomy/venous reservoir systems (with/without filter) and soft venous reservoir bags	E	<b>TC 204</b>	<b>Intelligent transport systems</b>	
			ISO 22178:2009*	Intelligent transport systems – Low speed following (LSF) systems – Performance requirements and test procedures	N
ISO 15675:2009*	Cardiovascular implants and artificial organs – Cardiopulmonary bypass systems – Arterial blood line filters	E	<b>TC 205</b>	<b>Building environment design</b>	
<b>TC 158</b>	<b>Analysis of gases</b>		ISO 16484-6: 2009	* Building automation and control systems (BACS) – Part 6: Data communication conformance testing	XK
ISO 6145-7: 2009	Gas analysis – Preparation of calibration gas mixtures using dynamic volumetric methods – Part 7: Thermal mass-flow controllers	H	<b>TC 211</b>	<b>Geographic information/Geomatics</b>	
<b>TC 159</b>	<b>Ergonomics</b>		ISO/TS 19129: 2009	* Geographic information – Imagery, gridded and coverage data framework	R
ISO 9241-920: 2009	Ergonomics of human-system interaction – Part 920: Guidance on tactile and haptic interactions	M	<b>TC 213</b>	<b>Dimensional and geometrical product specifications and verification</b>	
<b>TC 163</b>	<b>Thermal performance and energy use in the built environment</b>		ISO/TS 16610-30:2009	Geometrical product specifications (GPS) – Filtration – Part 30: Robust profile filters: Basic concepts	G
ISO 15927-3: 2009	Hygrothermal performance of buildings - Calculation and presentation of climatic data – Part 3: Calculation of a driving rain index for vertical surfaces from hourly wind and rain data	J	ISO/TS 16610-32:2009	Geometrical product specifications (GPS) – Filtration – Part 32: Robust profile filters: Spline filters	E
<b>TC 173</b>	<b>Assistive products for persons with disability</b>		<b>TC 215</b>	<b>Health informatics</b>	
ISO 7176-21: 2009	* Wheelchairs – Part 21: Requirements and test methods for electromagnetic compatibility of electrically powered wheelchairs and scooters, and battery chargers	K	ISO/TS 22220: 2009	* Health Informatics – Identification of subjects of health care	X
ISO 16840-4: 2009	* Wheelchair seating – Part 4: Seating systems for use in motor vehicles	R	<b>JTC 1</b>	<b>Information technology</b>	
ISO 24415-1: 2009	Tips for assistive products for walking – Requirements and test methods – Part 1: Friction of tips	D	ISO/IEC 9541-1: 2009	* Information technology – Font information interchange – Part 1: Architecture – Amendment 4: Extension to font resource architecture	XZ
<b>TC 181</b>	<b>Safety of toys</b>		ISO/IEC 9541-2: 2009	* Information technology – Font information interchange – Part 2: Interchange format – Amendment 2: Extension to font reference	XZ
ISO 8124-1: 2009	* Safety of toys – Part 1: Safety aspects related to mechanical and physical properties	X	ISO/IEC 9541-3: 2009	* Information technology – Font information interchange – Part 3: Glyph shape representation – Amendment 2: Additional shape representation technology for Open Font Format	XZ
<b>TC 184</b>	<b>Automation systems and integration</b>		ISO/IEC 9541-4: 2009	* Information technology – Font information interchange – Part 4: Harmonization to Open Font Format	R
ISO 19440: 2007**	Enterprise integration – Constructs for enterprise modelling	XA	ISO/IEC 14496-11:2005/ Amd 6:2009	* Information technology – Coding of audio-visual objects – Part 11: Scene description and application engine – Amendment 6	XZ
<b>TC 197</b>	<b>Hydrogen technologies</b>		ISO/IEC 14496-25:2009	* Information technology – Coding of audio-visual objects – Part 25: 3D Graphics Compression Model	G
ISO 16110-1: 2007**	Hydrogen generators using fuel processing technologies – Part 1: Safety	W	ISO/IEC 14496-4:2004/ Amd 31:2009	* Information technology – Coding of audio-visual objects – Part 4: Conformance testing – Amendment 31: Conformance testing for SVC profiles	S
<b>TC 201</b>	<b>Surface chemical analysis</b>		ISO/IEC 14496-4:2004/ Amd 32:2009	* Information technology – Coding of audio-visual objects – Part 4: Conformance testing – Amendment 32: Frame-based Animated Mesh Compression conformance	XZ
ISO/TS 15338: 2009	* Surface chemical analysis – Glow discharge mass spectrometry (GD-MS) – Introduction to use	M	ISO/IEC 14496-5:2001/ Amd 14:2009	* Information technology – Coding of audio-visual objects – Part 5: Reference software – Amendment 14: Open Font Format reference software	XZ
<b>TC 202</b>	<b>Microbeam analysis</b>				
ISO 14594: 2003/Cor 1: 2009	* Microbeam analysis – Electron probe microanalysis – Guidelines for the determination of experimental parameters for wavelength dispersive spectroscopy – Technical Corrigendum 1	free			

ISO/IEC 15938-3:2002/ Amd 3:2009	* Information technology – Multimedia content description interface – Part 3: Visual – Amendment 3: Image signature tools	XZ	ISO 3559:1976 ISO 4148:2004 ISO 8218:1989	(reconfirmed)
ISO/IEC 18004:2006/Cor 1:2009	* Information technology – Automatic identification and data capture techniques – QR Code 2005 bar code symbology specification – Technical Corrigendum 1	free	<b>TC 27</b> ISO 15237:2003 ISO 15238:2003	<b>Solid mineral fuels</b>
ISO/IEC 18013-3:2009	* Information technology – Personal identification – ISO-compliant driving licence – Part 3: Access control, authentication and integrity validation	XA	<b>TC 38</b> ISO 8499:2003	<b>Textiles</b>
ISO/IEC 21000-8:2008/ Amd 1:2009	* Information technology – Multimedia framework (MPEG-21) – Part 8: Reference software – Amendment 1: Extra reference software	XZ	<b>TC 45</b> ISO 6945:1991/ Amd 1:1998 ISO 6945:1991	<b>Rubber and rubber products</b> (reconfirmed)
ISO/IEC 22535:2009	* Information technology – Telecommunications and information exchange between systems – Corporate telecommunication networks – Tunnelling of QSIG over SIP	K	<b>TC 46</b> ISO 6630:1986 ISO 23950:1998	<b>Information and documentation</b> (reconfirmed)
ISO/IEC 23000-7:2008/ Amd 1:2009	* Information technology – Multimedia application format (MPEG-A) – Part 7: Open access application format – Amendment 1: Conformance and reference software for open access application format	XZ	<b>TC 54</b> ISO 855:2003 ISO 3519:2005	<b>Essential oils</b>
ISO/IEC TR 24729-4:2009	* Information technology – Radio frequency identification for item management – Implementation guidelines – Part 4: Tag data security	K	ISO 3524:2003 ISO 3761:2005 ISO 8898:2003	
ISO/IEC 24756:2009	* Information technology – Framework for specifying a common access profile (CAP) of needs and capabilities of users, systems, and their environments	U	ISO 8899:2003 ISO 8900:2005 ISO 9301:2003	
ISO/IEC 24771:2009	* Information technology – Telecommunications and information exchange between systems – MAC/PHY standard for ad hoc wireless network to support QoS in an industrial work environment	XB	ISO 21093:2003 ISO 21390:2005 <b>TC 59</b> ISO 15928-1:2003 ISO 15928-2:2005	<b>Building construction</b>

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## Standards confirmed

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

**TC 17 Steel**

ISO 4934:2003

**TC 20 Aircraft and space vehicles**

ISO 22643:2003

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

ISO 6182-11:2003

**TC 22 Road vehicles**

ISO 16981:2003

ISO 16983:2003

ISO 16984:2003

ISO 16985:2003

ISO 16999:2003

ISO 20585:2005

**TC 92 Fire safety**

ISO 3009:2003

**TC 94 Personal safety – Protective clothing and equipment**

ISO 4849:1981	(reconfirmed)	ISO 10931:2005	
ISO 4850:1979	(reconfirmed)	ISO 15306:2003	
ISO 4851:1979	(reconfirmed)	ISO 15875-1:2003	
ISO 4852:1978	(reconfirmed)	ISO 15875-2:2003	
ISO 4854:1981	(reconfirmed)	ISO 15875-3:2003	
ISO 4855:1981	(reconfirmed)	ISO 15875-5:2003	
ISO 4856:1982	(reconfirmed)	ISO 15876-1:2003	
ISO 6161:1981	(reconfirmed)	ISO 15876-2:2003	
<b>TC 98</b>	<b>Bases for design of structures</b>	ISO 15876-3:2003	
ISO 23469:2005		ISO 15876-5:2003	
<b>TC 106</b>	<b>Dentistry</b>	<b>TC 160</b>	<b>Glass in building</b>
ISO 6360-3:2005		ISO 16936-1:2005	
ISO 6874:2005		ISO 16936-2:2005	
<b>TC 107</b>	<b>Metallic and other inorganic coatings</b>	ISO 22897:2003	
ISO 1460:1992	(reconfirmed)	<b>TC 161</b>	<b>Control and protective devices for gas and/or oil burners and appliances</b>
ISO 2360:2003		ISO 23551-3:2005	
ISO 2819:1980	(reconfirmed)	<b>TC 162</b>	<b>Doors and windows</b>
ISO 3882:2003		ISO 8271:2005	
ISO 4520:1981	(reconfirmed)	<b>TC 163</b>	<b>Thermal performance and energy use in the built environment</b>
ISO 16348:2003		ISO 12567-2:2005	
ISO 21968:2005		ISO 15927-1:2003	
<b>TC 129</b>	<b>Aluminium ores</b>	<b>TC 183</b>	<b>Copper, lead, zinc and nickel ores and concentrates</b>
ISO 6606:1986	(reconfirmed)	ISO 10378:2005	
<b>TC 130</b>	<b>Graphic technology</b>	<b>TC 199</b>	<b>Safety of machinery</b>
ISO 11084-1:1993	(reconfirmed)	ISO 14123-1:1998	(reconfirmed)
ISO 12040:1997	(reconfirmed)	ISO 14123-2:1998	(reconfirmed)
ISO 12218:1997	(reconfirmed)	<b>TC 202</b>	<b>Microbeam analysis</b>
ISO 12636:1998	(reconfirmed)	ISO 22029:2003	
ISO 12640-1:1997	(reconfirmed)	<b>TC 206</b>	<b>Fine ceramics</b>
ISO 12641:1997	(reconfirmed)	ISO 15732:2003	
ISO 12645:1998	(reconfirmed)	ISO 17092:2005	
<b>TC 131</b>	<b>Fluid power systems</b>	ISO 17565:2003	
ISO 17559:2003		ISO 18452:2005	
<b>TC 136</b>	<b>Furniture</b>	ISO 18756:2003	
ISO 7170:2005		ISO 18757:2003	
<b>TC 138</b>	<b>Plastics pipes, fittings and valves for the transport of fluids</b>	ISO 20508:2003	
ISO 4059:1978	(reconfirmed)	ISO 20509:2003	
ISO 7671:2003		<b>TC 216</b>	<b>Footwear</b>
ISO 7682:2003		ISO 17697:2003	
ISO 8283-2:1992	(reconfirmed)	ISO 17698:2003	
ISO 8283-3:1992	(reconfirmed)	ISO 17701:2003	
ISO 8770:2003			
ISO 9393-2:2005			

ISO 17702:2003  
 ISO 17703:2003  
 ISO 17705:2003  
 ISO 17706:2003  
 ISO 19954:2003  
 ISO 22649:2003

**TC 218 Timber**

ISO 5321:1978 (reconfirmed)  
 ISO 5326:1978 (reconfirmed)  
 ISO 5327:1978 (reconfirmed)  
 ISO 5328:1978 (reconfirmed)  
 ISO 5329:1978 (reconfirmed)  
 ISO 5333:1978 (reconfirmed)

**JTC 1 Information technology**

ISO/IEC 8802-2:1998 (reconfirmed)

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## Standards withdrawn

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Period from 05 March to 01 April 2009

**TC 8 Ships and marine technology**

ISO/PAS 30000:2008 (replaced by ISO 30000:2009)

**TC 20 Aircraft and space vehicles**

ISO 7718:2003 (replaced by ISO 7718-1:2009 & ISO 7718-2:2009)

**TC 43 Acoustics**

ISO/TR 7849:1987 (replaced by ISO/TS 7849-1:2009 & ISO/TS 7849-2:2009)

**TC 61 Plastics**

ISO 15526-1:2000

ISO 15526-2:2000

**TC 138 Plastics pipes, fittings and valves for the transport of fluids**

ISO 2035:1974

ISO 2044:1974

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## Meeting calendar

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(update at 02 April 2009)

Meetings called for the month of April are not repeated below.

\* Information definite but meeting not yet formally convened

\*\* Provisional

**April-May 2009**

26-1 Lisbon (Portugal) TC 92/SC 2 Fire safety/Fire containment  
 29-2 Beijing (China) TC 37/SC 4 Terminology and other language and content resources/Language resource management

**May 2009**

4-5 London (United Kingdom) TC 239 Project Committee: Network services billing  
 4-5 Kuala Lumpur (Malaysia) TC 240 Project Committee: Product recall  
 4-6 Valencia (Spain) TC 34/SC 9 Food products/ Microbiology  
 4-8 Paris (France) TC 84 Devices for administration of medicinal products and intravascular catheters  
 4-8 Berlin (Germany) TC 94/SC 14 Personal safety – Protective clothing and equipment/Fire-fighters' personal equipment  
 4-8 Zurich (Switzerland) TC 163 Thermal performance and energy use in the built environment  
 5 Zurich (Switzerland) TC 163/SC 1 Thermal performance and energy use in the built environment/Test and measurement methods  
 6 Berlin (Germany) TC 10/SC 10 Technical product documentation/Process plant documentation and tpd-symbols  
 6 Zurich (Switzerland) TC 163/SC 3 Thermal performance and energy use in the built environment/Thermal insulation products  
 7 Zurich (Switzerland) TC 163/SC 2 Thermal performance and energy use in the built environment/Calculation methods  
 11 London (United Kingdom) TC 145/SC 1 Graphical symbols/Public information symbols  
 11-12 Beijing (China) TC 195/SC 1 Building construction machinery and equipment/Machinery and equipment for concrete work  
 11-15 China \* TC 23/SC 17 Tractors and machinery for agriculture and forestry/Manually portable forest machinery

11-15 Nairobi (Kenya)	TC 46	Information and documentation	18-20 Milan (Italy)	TC 131/SC 6	Fluid power systems/ Contamination control
11-15 Nairobi (Kenya)	TC 46/SC 9	Information and documentation/ Identification and description	18-22 Beijing (China)	TC 39/SC 2	Machine tools/Test conditions for metal cutting machine tools
11-15 Nairobi (Kenya)	TC 46/SC 11	Information and documentation/Archives/ records management	18-22 Birmingham (United Kingdom)	* TC 113 and SC	Hydrometry
11-15 Chiangmai (Thailand)	TC 204	Intelligent transport systems	18-22 Quebec City (Canada)	* TMB/SR	Social responsibility
11-15 New Orleans (USA)	TC 210	Quality management and corresponding general aspects for medical devices	18-23 Shenzhen (China)	* TC 114 and SC	Horology
12 Sendai (Japan)	TC 60 and SC	Gears	19-20 Delft (Netherlands)	* TC 67/SC 4	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Drilling and production equipment
12 Sendai (Japan)	TC 60/SC 1	Gears/Nomenclature and wormgearing	20 Rio de Janeiro (Brazil)	* TC 68	Financial services
12 Sendai (Japan)	TC 60/SC 2	Gears/Gear capacity calculation	21-23 Vancouver (Canada)	TC 17/SC 12	Steel/Continuous mill flat rolled products
12 Madrid (Spain)	TC 126/SC 1	Tobacco and tobacco products/Physical and dimensional tests	24-30 Vienna (Austria)	TC 173/SC 1	Assistive products for persons with disability/ Wheelchairs
12 Madrid (Spain)	TC 126/SC 2	Tobacco and tobacco products/Leaf tobacco	25-29 Molde (Norway)	TC 211	Geographic information/ Geomatics
12 Salvador (Brazil)	TC 135/SC 9	Non-destructive testing/ Acoustic emission testing	25-29 New Delhi (India)	COPOLCO	Committee on consumer policy
12 London (United Kingdom)	TC 145/SC 3	Graphical symbols/ Graphical symbols for use on equipment	26-29 Berlin (Germany)	* TC 172/SC 7	Optics and photonics/ Ophthalmic optics and instruments
12-13 Tokyo (Japan)	TC 79/SC 5	Light metals and their alloys/Magnesium and alloys of cast or wrought magnesium	29-31 Colorado Springs (USA)	TC 37/SC 4	Terminology and other language and content resources/ Language resource management
12-13 Madrid (Spain)	TC 126	Tobacco and tobacco products	London (United Kingdom)	** TC 96	Cranes
13 Kyoto (Japan)	TC 100	Chains and chain sprockets for power transmission and conveyors	<b>June 2009</b>		
13 London (United Kingdom)	TC 145/SC 2	Graphical symbols/Safety identification, signs, shapes, symbols and colours	1-2 Copenhagen (Denmark)	* TC 115	Pumps
14 Ottawa (Canada)	TC 30/SC 7	Measurement of fluid flow in closed conduits/Volume methods including water meters	1-5 Tokyo (Japan)	* JTC 1/SC 6	Information technology/ Telecommunications and information exchange between systems
14 Paris (France)	TC 59/SC 13	Building construction/ Organization of information about construction works	1-5 Ottawa (Canada)	TC 59/SC 14	Building construction/ Design life
14 United Kingdom	TC 145 and SC	Graphical symbols	1-5 Tokyo (Japan)	TC 236	Project Committee: Project Management
17-22 Parksville (Canada)	TC 184/SC 4	Automation systems and integration/Industrial data	2-12 Busan (Korea, Republic of)	* JTC 1/SC 28	Information technology/ Office equipment
18 Rio de Janeiro (Brazil)	TC 68/SC 7	Financial services/Core banking	3-4 Beijing (China)	TC 17/SC 17	Steel/Steel wire rod and wire products
			4-5 Milan (Italy)	* TC 67/SC 7	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Offshore structures

4-12	Hakone (Japan)	TC 10 and SC	Technical product documentation	22-25	Baltimore (USA)	TC 217	Cosmetics
8-12	Orëbro (Sweden) **	TC 121	Anaesthetic and respiratory equipment	23	Courbevoie, Paris (France)	TC 29/SC 9	Small tools/Tools with cutting edges made of hard cutting materials
8-12	Seattle (USA)	* TC 229	Nanotechnologies	25-26	Paris (France)	TC 29	Small tools
9	Hakone (Japan)	TC 10/SC 1	Technical product documentation/Basic conventions	30	Okinawa (Japan) *	TC 4/SC 6	Rolling bearings/Insert bearings and accessories
9-11	Manchester (United Kingdom)	* TC 85/SC 5	Nuclear energy/Nuclear fuel technology	30	Okinawa (Japan) *	TC 4/SC 9	Rolling bearings/Tapered roller bearings
11	Hakone (Japan)	TC 10/SC 6	Technical product documentation/ Mechanical engineering documentation	30	Okinawa (Japan) *	TC 4/SC 11	Rolling bearings/Linear motion rolling bearings
11	Boras (Sweden)	TC 92/SC 1	Fire safety/Fire initiation and growth		Korea, Republic of **	JTC 1/SC 32	Information technology/ Data management and interchange
11-12	Milan (Italy)	* TC 17/SC 19	Steel/Technical delivery conditions for steel tubes for pressure purposes		Denver (USA) **	TC 67/SC 3	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Drilling and completion fluids, and well cements
13-19	Kuala Lumpur (Malaysia)	** TC 69 and SC	Applications of statistical methods	<b>June-July 2009</b>			
15-17	Ghent (Belgium)	TC 212	Clinical laboratory testing and in vitro diagnostic test systems	29-3	Okinawa (Japan) *	TC 4	Rolling bearings
15-19	Charlottenlund (Denmark)	TC 108/SC 5	Mechanical vibration, shock and condition monitoring/Condition monitoring and diagnostics of machines	<b>July 2009</b>			
15-19	Minsk (Belarus)	TC 218	Timber	1	Okinawa (Japan)	TC 4/SC 7	Rolling bearings/Spherical plain bearings
17	Tokyo (Japan)	TC 123/SC 2	Plain bearings/Materials and lubricants, their properties, characteristics, test methods and testing conditions	1	Okinawa (Japan)	TC 4/SC 8	Rolling bearings/Load ratings and life
17-19	Hamburg (Germany)	* TC 44/SC 6	Welding and allied processes/Resistance welding and allied mechanical joining	2	Okinawa (Japan) *	TC 4/SC 4	Rolling bearings/ Tolerances
18	Tokyo (Japan)	TC 123/SC 3	Plain bearings/ Dimensions, tolerances and construction details	2-3	Berlin (Germany)	TC 22/SC 3	Road vehicles/Electrical and electronic equipment
18	Tokyo (Japan)	TC 123/SC 5	Plain bearings/Quality analysis and assurance	3-7	Oxford (United Kingdom) **	REMCO	Committee on reference materials
19	Tokyo (Japan)	TC 123	Plain bearings	20-21	Singapore (Singapore) *	TC 44/SC 10	Welding and allied processes/Unification of requirements in the field of metal welding
19	Tokyo (Japan)	TC 123/SC 6	Plain bearings/Terms and common items	22	Singapore (Singapore)	TC 44/SC 9	Welding and allied processes/Health and safety
19	Teddington (United Kingdom)	TC 206	Fine ceramics	23-24	Singapore (Singapore)	TC 44	Welding and allied processes
21-27	Cairo (Egypt)	TC 207 and SC	Environmental management		Russian Federation **	JTC 1/SC 37	Information technology/ Biometrics
22-24	Paris (France)	* TC 44/SC 3	Welding and allied processes/Welding consumables	<b>August 2009</b>			
				9-14	Vancouver (Canada)	** TC 27	Solid mineral fuels
				10-14	Colombia, Ireland	* TC 37	Terminology and other language and content resources
				10-14	Bogota (Colombia)	* TC 37/SC 1	Terminology and other language and content resources/Principles and methods

10-14 Bogota (Colombia)	*	TC 37/SC 2	Terminology and other language and content resources/ Terminographical and lexicographical working methods	13 Toronto (Canada)	*	TC 201/SC 6	Surface chemical analysis/Secondary ion mass spectrometry
10-14 Bogota (Colombia)	*	TC 37/SC 3	Terminology and other language and content resources/Systems to manage terminology, knowledge and content	14-15 Geneva (Switzerland)	*	TMB	Technical Management Board
10-14 Bogota (Colombia)	*	TC 37/SC 4	Terminology and other language and content resources/Language resource management	14-19 Vienna (Austria)	*	TC 147 and SC	Water quality
16-21 Anchorage (USA)	**	TC 193	Natural gas	16 Hawaii (USA)	*	TC 79/SC 11	Light metals and their alloys/Titanium
22-26 Saskatoon (Canada)	*	JTC 1/SC 35	Information technology/ User interfaces	16-18 Cape Town (South Africa)	*	GA	General Assembly
24-25 Sydney (Australia)	*	TC 189	Ceramic tile	19 Cape Town (South Africa)	*	COUNCIL	Council
<b>September 2009</b>				20-25 Tsukuba (Japan)	**	TC 164	Mechanical testing of metals
1-4 Las Vegas (USA)	*	TC 108/SC 4	Mechanical vibration, shock and condition monitoring/Human exposure to mechanical vibration and shock	21-22 Beijing (China)	*	TC 5	Ferrous metal pipes and metallic fittings
1-4 Venice (Italy)	*	TC 160	Glass in building	21-22 Beijing (China)	*	TC 5/SC 10	Ferrous metal pipes and metallic fittings/Metallic flanges and their joints
2-3	**	TC 109	Oil and gas burners	21-22 Victoria (Canada)	**	TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries
7	**	JTC 1/SC 35	Information technology/ User interfaces	21-22 Hangzhou (China)	*	TC 112	Vacuum technology
7-11 Seoul (Korea, Republic of)	*	TC 21 and SC	Equipment for fire protection and fire fighting	21-22 Tsukuba (Japan)	**	TC 164/SC 3	Mechanical testing of metals/Hardness testing
7-11 Kyoto (Japan)	*	TC 150 and SC	Implants for surgery	21-23 Beijing (China)	*	TC 38 and SC	Textiles
7-11 Kyoto (Japan)	*	TC 150/SC 1	Implants for surgery/ Materials	21-25 Beijing (China)	*	TC 130	Graphic technology
8-17 San Antonio (USA)	*	TC 213	Dimensional and geometrical product specifications and verification	21-28 Paris (France)	*	TC 44/SC 7	Welding and allied processes/ Representation and terms
9-10 London (United Kingdom)	*	TC 68/SC 2	Financial services/ Security management and general banking operations	22-25 West Conshohocken (Philadelphia) (USA)		TC 59/SC 8	Building construction/ Jointing products
9-10 Beijing (China)	*	TC 79	Light metals and their alloys	22-25 Beijing (China)	*	TC 153/SC 1	Valves/Design, manufacture, marking and testing
9-10 Beijing (China)	*	TC 79/SC 2	Light metals and their alloys/Anodized aluminium	22-25 Tsukuba (Japan)	**	TC 164/SC 5	Mechanical testing of metals/Fatigue testing
9-10 Beijing (China)	*	TC 79/SC 4	Light metals and their alloys/Unalloyed (refined) aluminium ingots	23 USA	**	TC 58/SC 4	Gas cylinders/Operational requirements for gas cylinders
9-10 Beijing (China)	*	TC 79/SC 6	Light metals and their alloys/Wrought aluminium and aluminium alloys	23-24 Tsukuba (Japan)	*	TC 164/SC 2	Mechanical testing of metals/Ductility testing
11-14 Washington, D.C (USA)	*	TC 209	Cleanrooms and associated controlled environments	23-24 Tsukuba (Japan)	**	TC 164/SC 4	Mechanical testing of metals/Toughness testing - Fracture (F), Pendulum(P), Tear (T)
				24 Beijing (China)	*	TC 38 and SC	Textiles
				24 Tsukuba (Japan)	**	TC 164/SC 1	Mechanical testing of metals/Uniaxial testing
				24-25 China	**	TC 199	Safety of machinery
				25-26 Sydney (Australia)	*	TC 34/SC 11	Food products/Animal and vegetable fats and oils

29	Vienna (Austria)	**	TC 83/SC 4	Sports and recreational equipment/Snowsports equipment
29	Turku (Finland)	*	TC 138/SC 1	Plastics pipes, fittings and valves for the transport of fluids/Plastics pipes and fittings for soil, waste and drainage (including land drainage)
29-30		**	TC 67/SC 6	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/Processing equipment and systems
30	Turku (Finland)	*	TC 138/SC 2	Plastics pipes, fittings and valves for the transport of fluids/Plastics pipes and fittings for water supplies
30	Turku (Finland)	*	TC 138/SC 4	Plastics pipes, fittings and valves for the transport of fluids/Plastics pipes and fittings for the supply of gaseous fuels
15	USA	**	TC 118/SC 6	Compressors and pneumatic tools, machines and equipment/Air compressors and compressed air systems
	Beijing (China)	**	TC 5/SC 5	Ferrous metal pipes and metallic fittings/Threaded fittings, solder fittings, welding fittings, pipe threads, thread gauges
	Seoul (Korea, Republic of)	**	TC 21/SC 3	Equipment for fire protection and fire fighting/Fire detection and alarm systems
	Seoul (Korea, Republic of)	**	TC 21/SC 6	Equipment for fire protection and fire fighting/Foam and powder media and fixed firefighting systems using foam and powder
	Seoul (Korea, Republic of)	**	TC 21/SC 8	Equipment for fire protection and fire fighting/Gaseous media and firefighting systems using gas
	Seoul (Korea, Republic of)	**	TC 21/SC 11	Equipment for fire protection and fire fighting/Smoke and heat control systems and components
	Sydney (Australia)	**	TC 34/SC 2	Food products/Oleaginous seeds and fruits and oilseed meals
	Tsukuba (Japan)	**	TC 164/SC 4	Mechanical testing of metals/Toughness testing - Fracture (F), Pendulum(P), Tear (T)
	Sweden	**	TC 226	Materials for the production of primary aluminium

## September-October 2009

20-7		**	TC 146/SC 1	Air quality/Stationary source emissions
28-2	Brussels (Belgium)	*	TC 59/SC 17	Building construction/Sustainability in building construction

## October 2009

1	Turku (Finland)	*	TC 138/SC 3	Plastics pipes, fittings and valves for the transport of fluids/Plastics pipes and fittings for industrial applications
1	Turku (Finland)	*	TC 138/SC 5	Plastics pipes, fittings and valves for the transport of fluids/General properties of pipes, fittings and valves of plastic materials and their accessories – Test methods and basic specifications
1	Turku (Finland)	*	TC 138/SC 6	Plastics pipes, fittings and valves for the transport of fluids/Reinforced plastics pipes and fittings for all applications
1	Turku (Finland)	*	TC 138/SC 7	Plastics pipes, fittings and valves for the transport of fluids/Valves and auxiliary equipment of plastics materials
2	Turku (Finland)	*	TC 138	Plastics pipes, fittings and valves for the transport of fluids
3-9	Rome (Italy)	*	TC 61	Plastics
5-9	Tokyo (Japan)	*	TC 42	Photography
5-9	Osaka (Japan)	**	TC 106	Dentistry
6-8	Stockholm (Sweden)	*	TC 146/SC 2	Air quality/Workplace atmospheres
6-8	Gaithersburg (USA)	*	TC 202 and SC	Microbeam analysis
8-9	Bordeaux (France)		TC 165	Timber structures
12-15	Seoul (Korea, Republic of)	*	TC 127	Earth-moving machinery
12-16	Milan (Italy)	**	TC 39/SC 2	Machine tools/Test conditions for metal cutting machine tools
12-16	Shanghai (China)	*	TC 157	Mechanical contraceptives
12-17	Tokyo (Japan)	*	TC 2	Fasteners
12-17	Tokyo (Japan)	*	TC 2/SC 1	Fasteners/Mechanical properties of fasteners
15-20	Berlin (Germany)	*	TC 6 and SC	Paper, board and pulps
16-20	Seoul (Korea, Republic of)	*	TC 43	Acoustics

**For more information: ISO Online**  
<http://www.iso.org/iso/meeting-calendar>