

# ISO Update

## Supplement to ISO *Focus*

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May 2008

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### International Standards in process

*from 1 to 30 April 2008*

Committee Drafts (**CD**) registered  **3**

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# People and places

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## ISO Members

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Since the April 2008 issue of *ISO Focus*, the following changes affecting ISO members have occurred :

### Membership change

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The **Institut Guinéen de Normalisation et de Métrologie (IGNM)** has been readmitted as a correspondent member with retroactive effect as of 1 January 2008. Its contact details read as follows :

#### **GUINEA (IGNM)**

Institut Guinéen de Normalisation et de Métrologie  
(IGNM)  
Ministère de l'Industrie, du Commerce, du Tourisme  
et de l'Artisanat  
Quartier Almamy  
KA 003  
BP : 1639  
CONAKRY

Directrice Générale : Mme Hadja Minté Cissé

Tel. +224 30 41 28 16  
Fax +224 30 41 39 90  
E-mail inm89@yahoo.fr

### New CEOs

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#### *Member bodies*

##### **CONGO, The Democratic Rep. of (OCC)**

Administrateur Délégué Général:  
**M. Albert Kasongo Mukonzo**

##### **UKRAINE (DSSU)**

Head: **Mrs. Larysa Losyuk**

#### *Correspondent members*

##### **MADAGASCAR (BNM)**

Directeur ad interim : **M. Patrick Ravoaraharison**

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

Director: Mr. **Miodrag Perovic**

##### **TURKMENISTAN (MSST)**

Head: **Mr. N. Orazov**

### Address changes

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#### *Member body*

##### **IRELAND (NSAI)**

National Standards Authority of Ireland  
1 Swift Square  
Northwood  
Santry  
DUBLIN 9

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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 01 April to 30 April 2008

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

\*Available in English only

### TC 6 Paper, board and pulps

ISO/CD 11476 Paper and board – Determination of CIE-whiteness, C/2 degree (indoor illumination conditions)  
(Revision of ISO 11476:2000)

### TC 10 Technical product documentation

ISO/CD 29845 Technical product documentation – Document types

### TC 20 Aircraft and space vehicles

ISO/CD 11231 Space systems – Probabilistic Risk Assessment (PRA)

### TC 22 Road vehicles

ISO/CD 3930-1 Instruments for measuring vehicle exhaust emissions – Part 1: Metrological and technical requirements  
(Revision of ISO 3930:2000, ISO 3930:2000/Amd 1:2004)

ISO/CD 3930-2 Instruments for measuring vehicle exhaust emissions – Part 2: Metrological controls, and performance tests  
(Revision of ISO 3930:2000, ISO 3930:2000/Amd 1:2004)

ISO/CD 7117 Motorcycles – Measurement method for maximum speed  
(Revision of ISO 7117:1995)

ISO/CD 10681-1 Road vehicles – Communication on FlexRay – Part 1: General description and use case definitions

ISO/CD 10681-2 Road vehicles – Communication on FlexRay – Part 2: Communication layer services

ISO/CD 21750 Road vehicles – Safety enhancement in conjunction with tyre inflation pressure monitoring  
(Revision of ISO 21750:2006)

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

ISO/CD 10988 Equipment for crop protection – Knapsack combustion engine driven mitblowers – Test method and performance limits

### TC 25 Cast irons and pig irons

ISO/CD TR 10809-1 Cast Irons – Part 1: Materials and properties for design

ISO/CD TR 10809-2 Cast Irons – Part 2: Welding

### TC 27 Solid mineral fuels

ISO/CD 29541 Solid mineral fuels – Determination of total carbon, hydrogen and nitrogen content – Instrumental method

### TC 29 Small tools

ISO/CD 9270-1 7/24 tapers for spindle noses for automatic tool changers – Part 1: Dimensions and designation of spindle noses of forms S and SF  
(Revision of ISO 9270:1992)

ISO/CD 9270-2 7/24 tapers for spindle noses for automatic tool changers – Part 2: Dimensions and designation of spindle noses of forms J and JF  
(Revision of ISO 9270:1992)

### TC 31 Tyres, rims and valves

ISO/CD 4209-2 Truck and bus tyres and rims (metric series) – Part 2: Rims  
(Revision of ISO 4209-2:2001)

### TC 39 Machine tools

ISO/CD 230-1 Test code for machine tools – Part 1: Geometric accuracy of machines operating under no-load or quasi-static conditions  
(Revision of ISO 230-1:1996)

### TC 45 Rubber and rubber products

ISO/CD 11852 Rubber – Determination of magnesium content of field and concentrated natural rubber latex by titration

ISO/CD 22762-1 Elastomeric seismic-protection isolators – Part 1: Test methods  
(Revision of ISO 22762-1:2005, ISO 22762-1:2005/Cor 1:2006)

### TC 54 Essential oils

ISO/CD 8897 Oil of juniper berry (*Juniperus communis* Linnaeus)  
(Revision of ISO 8897:1991)

### TC 59 Building construction

ISO/CD 15686-9 Buildings and constructed assets – Service life planning – Part 9: Guide on the inclusion of requirements of service life assessment and service life declaration in product standards

<b>TC 61</b>	<b>Plastics</b>	<b>TC 164</b>	<b>Mechanical testing of metals</b>
ISO/CD 527-1	Plastics – Determination of tensile properties – Part 1: General principles (Revision of ISO 527-1:1993, ISO 527-1:1993/Cor 1:1994, ISO 527-1:1993/Amd 1:2005)	ISO/CD 26843	Metallic materials - Measurement of fracture toughness of steels at impact loading rates using precracked Charpy specimens
ISO/CD 527-2	Plastics – Determination of tensile properties – Part 2: Test conditions for moulding and extrusion plastics (Revision of ISO 527-2:1993, ISO 527-2:1993/Cor 1:1994)	<b>TC 198</b>	<b>Sterilization of health care products</b>
<b>TC 68</b>	<b>Financial services</b>	ISO/CD 14160	Sterilization of single-use medical devices incorporating materials of animal origin – Validation and routine control of sterilization by liquid chemical sterilants (Revision of ISO 14160:1998)
ISO/CD 6166	Securities and related financial instruments – International securities identification numbering system (ISIN) (Revision of ISO 6166:2001)	<b>JTC 1</b>	<b>Information technology</b>
ISO/CD 20022-6	Financial services – UNiversal Financial Industry message scheme – Part 6: Message transport characteristics	ISO/IEC CD 9995-1	Information technology – Keyboard layouts for text and office systems – Part 1: General principles governing keyboard layouts (Revision of ISO/IEC 9995-1:2006)
<b>TC 85</b>	<b>Nuclear energy</b>	ISO/IEC CD 9995-2	Information technology – Keyboard layouts for text and office systems – Part 2: Alphanumeric section (Revision of ISO/IEC 9995-2:2002)
ISO/CD 17874-3	Remote handling devices for radioactive materials – Part 3: Electrical master-slave manipulators	ISO/IEC CD 9995-4	Information technology – Keyboard layouts for text and office systems – Part 4: Numeric section (Revision of ISO/IEC 9995-4:2002)
<b>TC 92</b>	<b>Fire safety</b>	ISO/IEC CD 9995-5	Information technology – Keyboard layouts for text and office systems – Part 5: Editing section (Revision of ISO/IEC 9995-5:2006)
ISO/CD TR 10295-3	Fire tests for building elements and components – Fire testing of service installations – Part 3: Guidance on the use of test configuration to establish direct and extended fields of application – Single component penetration seals	ISO/IEC CD 9995-7	Information technology – Keyboard layouts for text and office systems – Part 7: Symbols used to represent functions (Revision of ISO/IEC 9995-7:2002)
<b>TC 106</b>	<b>Dentistry</b>	ISO/IEC CD 9995-8	Information technology – Keyboard layouts for text and office systems – Part 8: Allocation of letters to the keys of a numeric keypad (Revision of ISO/IEC 9995-8:2006)
ISO/CD 9173-2	Dentistry – Extraction forceps – Part 2: Designation	ISO/IEC CD 11581-1	Information technology – User system interfaces and symbols – Icon symbols and functions – Part 1: Introduction to and overview of icon standards (Revision of ISO/IEC 11581-1:2000)
ISO/CD 27020	Dentistry - Brackets and tubes for use in orthodontics	ISO/IEC CD 18000-2	Information technology – Radio frequency identification for item management – Part 2: Parameters for air interface communications below 135 kHz (Revision of ISO/IEC 18000-2:2004)
ISO/CD 28399	Dentistry- Tooth whitening products	ISO/IEC CD 18000-7	Information technology, automatic identification and data capture techniques – Radio frequency identification (RFID) for item management – Air Interface – Part 7: Parameters for an active RFID air interface communications at 433 MHz (Revision of ISO/IEC 18000-7:2008)
<b>TC 112</b>	<b>Vacuum technology</b>	ISO/IEC CD 24727-5	Identification Cards – Programming Interfaces for Integrated Circuit Cards – Part 5: Testing
ISO/CD TS 27893	Vacuum technology – Vacuum gauges – Evaluation of the uncertainties of results of calibrations by direct comparison with a reference gauge	ISO/IEC CD 24727-6	Identification Cards – Programming Interfaces for Integrated Circuit Cards – Part 6: Registration authority procedures for the authentication protocols for interoperability.
<b>TC 131</b>	<b>Fluid power systems</b>	ISO/IEC CD 24792	* Session management
ISO/CD TR 19972-1	Hydraulic fluid power – Determination of component reliability by testing – Part 1: General procedures and calculation method	ISO/IEC CD 24793-2	Mobile Multicast Communications – Part 2: Protocol over Native IP Multicast Network
<b>TC 138</b>	<b>Plastics pipes, fittings and valves for the transport of fluids</b>	ISO/IEC CD 24793-3	Mobile Multicast Communications – Part 3: Protocol over Overlay Multicast Network
ISO/CD 10986	Plastics piping systems for pressure and non-pressure applications – Installation of pipes above ground – Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin		
ISO/CD 22621-6	Plastics piping systems for the supply of gaseous fuels for maximum operating up to and including 2 MPa (20 bar) – Part 6		
<b>TC 147</b>	<b>Water quality</b>		
ISO/CD 11704	Water quality – Measurement of gross alpha and beta activity in non-saline water – Liquid scintillation counting method		

# DIS circulated

Period from 01 April to 30 April 2008

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 2</b>	<b>Fasteners</b>		
ISO/DIS 3506-1	Mechanical properties of corrosion-resistant stainless-steel fasteners – Part 1: Bolts, screws and studs (Revision of ISO 3506-1:1997)	2008-09-11	
ISO/DIS 3506-2	Mechanical properties of corrosion-resistant stainless steel fasteners – Part 2: Nuts (Revision of ISO 3506-2:1997)	2008-09-11	
ISO/DIS 3506-3	Mechanical properties of corrosion-resistant stainless steel fasteners – Part 3: Set screws and similar fasteners not under tensile stress (Revision of ISO 3506-3:1997)	2008-09-11	
ISO/DIS 3506-4	Mechanical properties of corrosion-resistant stainless steel fasteners – Part 4: Tapping screws (Revision of ISO 3506-4:2003)	2008-09-11	
<b>TC 6</b>	<b>Paper, board and pulps</b>		
ISO/DIS 5631-1	Paper and board – Determination of colour by diffuse reflectance – Part 1: Indoor daylight conditions (C/2 degrees) (Revision of ISO 5631:2000)	2008-09-16	
<b>TC 17</b>	<b>Steel</b>		
ISO/DIS 16918-1.2	* Steel and iron – Determination of nine elements by the inductively coupled plasma mass spectroscopic method – Part 1: Determination of tin, antimony, cerium, lead and bismuth	2008-06-10	
<b>TC 20</b>	<b>Aircraft and space vehicles</b>		
ISO/DIS 22089	* Aerospace – Hydraulic power transfer units – General specifications	2008-09-12	
<b>TC 22</b>	<b>Road vehicles</b>		
ISO/DIS 27667	* Road vehicles – Brake lining friction materials – Evaluation of corrosion effects on painted backing plates and brake shoes	2008-09-23	
ISO/DIS 27956	Road vehicles – Securing of cargo in delivery vans – Requirements and test methods	2008-09-09	
<b>TC 24</b>	<b>Particle characterization including sieving</b>		
ISO/DIS 21501-1	* Determination of particle size distribution – Single particle light interaction methods – Part 1: Light scattering aerosol spectrometer	2008-09-12	
<b>TC 28</b>	<b>Petroleum products and lubricants</b>		
ISO/DIS 13739	* Petroleum products – Procedures for the transfer of bunker fuel to ships (Revision of ISO/TR 13739:1998)	2008-09-23	
<b>TC 35</b>	<b>Paints and varnishes</b>		
ISO/DIS 7579	* Dyestuffs – Determination of solubility in organic solvents – Gravimetric and photometric methods (Revision of ISO 7579:1990)	2008-09-18	
<b>TC 37</b>	<b>Terminology and other language and content resources</b>		
ISO/DIS 704.2	* Terminology work – Principles and methods (Revision of ISO 704:2000)	2008-06-30	
ISO/DIS 23185	Assessment and benchmarking of terminological resources – General concepts, principles and requirements	2008-09-09	
<b>TC 38</b>	<b>Textiles</b>		
ISO 139:2005/DAmD 1.2	Textiles – Standard atmospheres for conditioning and testing – Amendment 1	2008-06-11	
ISO 7768:2006/DAmD 1	Textiles – Test method for assessing the smoothness appearance of fabrics after cleansing – Amendment 1	2008-09-03	
ISO 7769:2006/DAmD 1	Textiles – Test method for assessing the appearance of creases in fabrics after cleansing – Amendment 1	2008-09-03	
ISO 7770:2006/DAmD 1	Textiles – Test method for assessing the smoothness appearance of seams in fabrics after cleansing – Amendment 1	2008-09-03	
ISO 9867:1991/DAmD 1	Textiles – Evaluation of the wrinkle recovery of fabrics – Appearance method – Amendment 1	2008-09-12	
<b>TC 44</b>	<b>Welding and allied processes</b>		
ISO/DIS 9606-1.2	Qualification testing of welders – Fusion welding – Part 1: Steels (Revision of ISO 9606-1:1994, ISO 9606-1:1994/Amd 1:1998)	2008-08-25	
ISO/DIS 17672	Brazing – Filler metals	2008-09-25	
<b>TC 45</b>	<b>Rubber and rubber products</b>		
ISO/DIS 6209	Rubber compounding ingredients – Carbon black – Determination of solvent-extractable material (Revision of ISO 6209:1988)	2008-09-12	

ISO/DIS 6472	Rubber compounding ingredients – Symbols and abbreviated terms (Revision of ISO 6472:2004)	2008-09-30	<b>TC 68</b>	<b>Financial services</b>	
ISO/DIS 7231	Polymeric materials, cellular, flexible – Determination of air flow value at constant pressure-drop (Revision of ISO 7231:1984)	2008-09-18	ISO/DIS 11649	* Financial services – Core banking – Structured creditor reference to remittance information	2008-09-02
<b>TC 58</b>	<b>Gas cylinders</b>		<b>TC 76</b>	<b>Transfusion, infusion and injection equipment for medical and pharmaceutical use</b>	
ISO/DIS 9809-1.2	Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 1: Quenched and tempered steel cylinders with tensile strength less than 1 100 MPa (Revision of ISO 9809-1:1999)	2008-06-11	ISO/DIS 15747	* Plastic containers for intravenous injections (Revision of ISO 15747:2003)	2008-09-25
ISO/DIS 9809-2.2	Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 2: Quenched and tempered steel cylinders with tensile strength greater than or equal to 1 100 MPa (Revision of ISO 9809-2:2000)	2008-06-11	<b>TC 107</b>	<b>Metallic and other inorganic coatings</b>	
ISO/DIS 9809-3.2	Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 3: Normalized steel cylinders (Revision of ISO 9809-3:2000)	2008-06-11	ISO/DIS 14713-1	Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Zinc coatings – Part 1: General principles of design and corrosion resistance (Revision of ISO 14713:1999)	2008-09-11
<b>TC 61</b>	<b>Plastics</b>		ISO/DIS 14713-2	Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Zinc coatings – Part 2: Hot dip galvanizing (Revision of ISO 14713:1999)	2008-09-11
ISO 6721-1: 2001/DAMd 1	Plastics – Determination of dynamic mechanical properties – Part 1: General principles – Amendment 1	2008-09-04	ISO/DIS 14713-3	Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Zinc coatings – Part 3: Sherardizing (Revision of ISO 14713:1999)	2008-09-11
ISO/DIS 11357-1	Plastics – Differential scanning calorimetry (DSC) – Part 1: General principles (Revision of ISO 11357-1:1997)	2008-09-11	<b>TC 118</b>	<b>Compressors and pneumatic tools, machines and equipment</b>	
ISO/DIS 21627-1	Plastics – Epoxy resins – Determination of chlorine content – Part 1: Inorganic chlorine (Revision of ISO 21627-1:2002)	2008-09-18	ISO/DIS 1217	Displacement compressors – Acceptance tests (Revision of ISO 1217:1996)	2008-09-25
ISO/DIS 21627-2	Plastics – Epoxy resins – Determination of chlorine content – Part 2: Easily saponifiable chlorine (Revision of ISO 21627-2:2002)	2008-09-18	ISO/DIS 12500-3.2	Filters for compressed air – Test methods – Part 3: Particulates	2008-06-19
ISO/DIS 21627-3	Plastics – Epoxy resins – Determination of chlorine content – Part 3: Total chlorine (Revision of ISO 21627-3:2002)	2008-09-18	ISO/DIS 28927-1	Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 1: Angle and vertical grinders (Revision of ISO 8662-4:1994)	2008-09-11
ISO/DIS 23911.2	* Plastics – Poly(vinyl chloride) resins – Determination of dark specks by vibrating-chute method	2008-06-10	ISO/DIS 28927-2	Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 2: Wrenches, nut runners and screwdrivers (Revision of ISO 8662-7:1997)	2008-09-11
<b>TC 67</b>	<b>Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries</b>		ISO/DIS 28927-3	Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 3: Polishers and rotary, orbital and random orbital sanders (Revision of ISO 8662-8:1997)	2008-09-11
ISO/DIS 10423	* Petroleum and natural gas industries – Drilling and production equipment – Wellhead and christmas tree equipment (Revision of ISO 10423:2003)	2008-09-11	ISO/DIS 28927-5	Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 5: Drills and impact drills (Revision of ISO 8662-6:1994)	2008-09-11

ISO/DIS 28927-6	Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 6: Rammers (Revision of ISO 8662-9:1996)	2008-09-11	<b>TC 182</b>	<b>Geotechnics</b>	
			ISO/DIS 22282-1	* Geotechnical investigation and testing – Geohydraulic testing – Part 1: General rules	2008-09-18
ISO/DIS 28927-7	Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 7: Nibblers and shears (Revision of ISO 8662-10:1998)	2008-09-11	ISO/DIS 22282-2	* Geotechnical investigation and testing – Geohydraulic testing – Part 2: Water permeability tests in a borehole without packer	2008-09-18
ISO/DIS 28927-8	Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 8: Saws, polishing and filing machines with reciprocating action and saws with oscillating or rotating action (Revision of ISO 8662-12:1997)	2008-09-11	<b>TC 197</b>	<b>Hydrogen technologies</b>	
			ISO/DIS 16110-2	* Hydrogen generators using fuel processing technologies – Part 2: Procedures to determine efficiency	2008-09-12
ISO/DIS 28927-9	Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 9: Scaling hammers and needle scalers (Revision of ISO 8662-14:1996)	2008-09-11	<b>TC 201</b>	<b>Surface chemical analysis</b>	
			ISO 15472: 2001/DAMd 1	Surface chemical analysis – X-ray photoelectron spectrometers – Calibration of energy scales – Amendment 1	2008-09-05
<b>TC 138</b>	<b>Plastics pipes, fittings and valves for the transport of fluids</b>		<b>TC 202</b>	<b>Microbeam analysis</b>	
			ISO/DIS 24173	Microbeam analysis – Guidelines for orientation measurement using electron backscatter diffraction	2008-09-19
ISO/DIS 10928.2	* Plastics piping systems – Glass- reinforced thermosetting plastics (GRP) pipes and fittings – Methods for regression analysis and their use (Revision of ISO 10928:1997)	2008-06-17	<b>TC 206</b>	<b>Fine ceramics</b>	
			ISO/DIS 27448-1	* Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for self-cleaning performance of semiconducting photocatalytic materials – Part 1: Measurement of water contact angle	2008-09-09
<b>TC 146</b>	<b>Air quality</b>		<b>TC 210</b>	<b>Quality management and corresponding general aspects for medical devices</b>	
ISO/DIS 11771	* Air quality – Determination of time- averaged mass emissions and emission factors – General approach	2008-09-18			
<b>TC 147</b>	<b>Water quality</b>		ISO/DIS 15223-2	Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied – Part 2: Symbol development, selection and validation (Revision of ISO 15223:2000)	2008-09-05
ISO/DIS 18857-2	* Water quality – Determination of selected alkylphenols – Part 2: Determination of alkylphenols, alkylphenol ethoxylates and bisphenol A – Method for non-filtered samples using solid-phase extraction and gas chromatography with mass selective detection after derivation	2008-09-23	<b>TC 215</b>	<b>Health informatics</b>	
			ISO/DIS 21090	* Health Informatics – Harmonized data types for information interchange	2008-09-25
<b>TC 153</b>	<b>Valves</b>		ISO/HL7 DIS 10781	* Health informatics – HL7 Electronic health record system functional model, release 1	2008-09-25
ISO/DIS 10497	Testing of valves – Fire type-testing requirements (Revision of ISO 10497:2004)	2008-09-11	ISO/HL7 DIS 27951	* Health informatics – Common terminology services, release 1	2008-09-23
<b>TC 163</b>	<b>Thermal performance and energy use in the built environment</b>		<b>TC 216</b>	<b>Footwear</b>	
ISO/DIS 12574-3	* Thermal insulation – Cellulose-fibre loose-fill for horizontal applications in ventilated roof spaces – Part 3: Test methods	2008-09-16	ISO/DIS 10717	Footwear – Test method for slide fasteners – Burst strength	2008-09-18
<b>TC 172</b>	<b>Optics and photonics</b>		ISO/DIS 10734	Footwear – Test method for slide fasteners – Strength of slide fastener pullers	2008-09-25
ISO/DIS 11980	Ophthalmic optics – Contact lenses and contact lens care products – Guidance for clinical investigations (Revision of ISO 11980:1997, ISO 11980:1997/Cor 1:1998)	2008-09-11	ISO/DIS 10748	Footwear – Test method for slide fasteners – Slider locking strength	2008-09-25

ISO/DIS 10749	Footwear – Test method for slide fasteners – Resistance to damage during closure under lateral force	2008-09-25
ISO/DIS 10750	Footwear – Test method for slide fasteners – Attachment strength of end stops	2008-09-18
ISO/DIS 10751	Footwear – Test method for slide fasteners – Resistance to repeated opening and closing	2008-09-25
ISO/DIS 10764	Footwear – Test method for slide fasteners – Lateral strength	2008-09-25
ISO/DIS 10765	Footwear – Test method for the characterization of elastic materials – Tensile performance	2008-09-25
ISO/DIS 10768	Footwear – Test method for the determination of the resistance of elastics for footwear to repeated extension – Fatigue resistance	2008-09-18
ISO/DIS 17699	Footwear – Test methods for uppers and lining – Water vapour permeability and absorption (Revision of ISO 17699:2003)	2008-09-04
ISO/DIS 17704	Footwear – Test methods for uppers, linings and insoles – Abrasion resistance (Revision of ISO 17704:2004)	2008-09-25
ISO/DIS 20868	Footwear – Test methods for insoles – Abrasion resistance (Revision of ISO 20868:2001)	2008-09-25
ISO/DIS 20869	Footwear – Test methods for outsoles, insoles, lining and insoles – Water soluble content (Revision of ISO 20869:2001)	2008-09-18
ISO/DIS 20877	Footwear – Test methods for whole shoe – Thermal insulation (Revision of ISO 20877:2001)	2008-09-25
<b>TC 226</b>	<b>Materials for the production of primary aluminium</b>	
ISO/DIS 20292	* Materials for the production of primary aluminium – Dense refractory bricks – Determination of cryolite resistance	2008-09-16
<b>TC 227</b>	<b>Springs</b>	
ISO/DIS 26910-1	Springs – Shot peening – Part 1: General procedures	2008-09-30
<b>TMB/Risk Management</b>	<b>Technical Management Board/ Risk Management</b>	
ISO/DIS 31000	Risk management – Principles and guidelines on implementation	2008-09-02
<b>JTC 1</b>	<b>Information technology</b>	
ISO/IEC DIS 11989	* Information technology – iSCSI Management API	2008-09-05

## FDIS circulated

Period from 01 April to 30 April 2008

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

### TC 6

#### Paper, board and pulps

ISO/FDIS 217	Paper – Untrimmed sizes – Designation and tolerances for primary and supplementary ranges, and indication of machine direction (Revision of ISO 217:1995)	2008-06-18
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### TC 20

#### Aircraft and space vehicles

ISO/FDIS 8279	* Aerospace – Nuts, hexagonal, plain, normal height, normal across flats, with MJ threads, classifications: 600 MPa (at ambient temperature)/120 degrees C, 600 MPa (at ambient temperature)/235 degrees C, 900 MPa (at ambient temperature)/425 degrees C, 1 100 MPa (at ambient temperature)/235 degrees C, 1 100 MPa (at ambient temperature)/315 degrees C, 1 100 MPa (at ambient temperature)/650 degrees C, 1 210 MPa (at ambient temperature)/730 degrees C, 1 250 MPa (at ambient temperature)/235 degrees C and 1 550 MPa (at ambient temperature)/600 degrees C – Dimensions (Revision of ISO 8279:1997)	2008-07-01
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ISO/FDIS 12257	* Aerospace – Internal six-lobe drives – Metric series	2008-07-01
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### TC 22

#### Road vehicles

ISO/FDIS 10605	* Road vehicles – Test methods for electrical disturbances from electrostatic discharge (Revision of ISO 10605:2001)	2008-06-17
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ISO/FDIS 26021-2	* Road vehicles – End-of-life activation of on-board pyrotechnic devices – Part 2: Communication requirements	2008-06-15
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### TC 23

#### Tractors and machinery for agriculture and forestry

ISO/FDIS 5675	Agricultural tractors and machinery – General purpose quick-action hydraulic couplers (Revision of ISO 5675:1992)	2008-06-03
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ISO/FDIS 13457	* Agricultural irrigation equipment – Water-driven chemical injector pumps (Revision of ISO 13457:2000)	2008-07-01
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### TC 24

#### Particle characterization including sieving

ISO/FDIS 9276-3	* Representation of results of particle size analysis – Part 3: Adjustment of an experimental curve to a reference model	2008-06-09
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<b>TC 30</b>	<b>Measurement of fluid flow in closed conduits</b>		<b>TC 61</b>	<b>Plastics</b>	
ISO/FDIS 3354	Measurement of clean water flow in closed conduits – Velocity-area method using current-meters in full conduits and under regular flow conditions (Revision of ISO 3354:1988)	2008-06-17	ISO/FDIS 3451-1	Plastics – Determination of ash – Part 1: General methods (Revision of ISO 3451-1:1997)	2008-06-25
ISO/FDIS 3966	Measurement of fluid flow in closed conduits – Velocity area method using Pitot static tubes (Revision of ISO 3966:1977)	2008-06-17	<b>TC 68</b>	<b>Financial services</b>	
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\* Available in English only

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

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ISO/IEC 8824-4: 2002/Cor 1: 2007**	Information technology – Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications – Part 4: – Technical Corrigendum 1	free	ISO/IEC 14496-4:2004/ Amd 1:2005/Cor 2:2008	* Information technology – Coding of audio-visual objects – Part 4: Conformance testing – Amendment 1: Conformance testing for MPEG-4 – Technical Corrigendum 2	free
ISO/IEC 8825-5: 2004/Cor 1: 2006**	Information technology – ASN.1 encoding rules: Mapping W3C XML schema definitions into ASN.1 – Part 5: – Technical Corrigendum 1	free	ISO/IEC 14496-4:2004/ Amd 23:2008	* Information technology – Coding of audio-visual objects – Part 4: Conformance testing – Amendment 23: Synthesized texture conformance	XZ
ISO/IEC 9594-8: 2005/Cor 1: 2007**	Information technology – Open Systems Interconnection – The Directory: Public-key and attribute certificate frameworks – Part 8: – Technical Corrigendum 1	free	ISO/IEC 14496-5:2001/ Amd 1:2002/Cor 1:2008	* Information technology – Coding of audio-visual objects – Part 5: Reference software – Amendment 1: Reference software for MPEG-4 – Technical Corrigendum 1	free
ISO/IEC 9594-8: 2001/Cor 4: 2007**	Information technology – Open Systems Interconnection – The Directory: Public-key and attribute certificate frameworks – Part 8: – Technical Corrigendum 4	free	ISO/IEC 14496-5:2001/ Amd 13:2008	* Information technology – Coding of audio-visual objects – Part 5: Reference software – Amendment 13: Geometry and shadow reference software	XZ
ISO/IEC 10373-7:2008	* Identification cards – Test methods – Part 7: Vicinity cards	M			
ISO/IEC 10646: 2003/Amd 2: 2006**	Information technology – Universal Multiple-Octet Coded Character Set (UCS) – Amendment 2: N'Ko, Phags-pa, Phoenician and other characters	X	ISO/IEC 14888-1:2008	* Information technology – Security techniques – Digital signatures with appendix – Part 1: General	F
ISO/IEC 10995: 2008	* Information technology – Digitally recorded media for information interchange and storage – Test method for the estimation of the archival lifetime of optical media	P	ISO/IEC 14888-2:2008	* Information technology – Security techniques – Digital signatures with appendix – Part 2: Integer factorization based mechanisms	V
ISO/IEC 11801: 2002/Amd 1: 2008	* Information technology – Generic cabling for customer premises – Amendment 1	P	ISO/IEC 15426-2:2005/ Cor 1:2008	* Information technology – Automatic identification and data capture techniques – Bar code verifier conformance specification – Part 2: Two-dimensional symbols – Technical Corrigendum 1	free
ISO/IEC 14476-3:2008	* Information technology – Enhanced communications transport protocol: Specification of duplex multicast transport – Part 3:	R	ISO/IEC 15444-1:2004/ Cor 2:2008	* Information technology – JPEG 2000 image coding system: Core coding system – Part 1: – Technical Corrigendum 2: Clarification on determination of maximum file size	free
ISO/IEC 14476-5:2008	* Information technology – Enhanced communications transport protocol: Specification of N-plex multicast transport – Part 5:	U	ISO/IEC 15444-9:2005/ Amd 2:2008	* Information technology – JPEG 2000 image coding system: Interactivity tools, APIs and protocols – Part 9: – Amendment 2: JPIP extensions	XZ
ISO/IEC 14496-2:2004/ Cor 3:2008	* Information technology – Coding of audio-visual objects – Part 2: Visual – Technical Corrigendum 3: .	free	ISO/IEC 15938-5:2003/ Amd 3:2008	* Information technology – Multimedia content description interface – Part 5: Multimedia description schemes – Amendment 3: Improvements to geographic descriptor	XZ
ISO/IEC 14496-20:2006/ Cor 2:2008	* Information technology – Coding of audio-visual objects – Part 20: Lightweight Application Scene Representation (LASer) and Simple Aggregation Format (SAF) – Technical Corrigendum 2	free	ISO/IEC 15938-7:2003/ Amd 4:2008	* Information technology – Multimedia content description interface – Part 7: Conformance testing – Amendment 4: Improvements to geographic descriptor conformance	XZ
ISO/IEC 14496-3:2005/ Cor 2:2008	* Information technology – Coding of audio-visual objects – Part 3: Audio – Technical Corrigendum 2	free	ISO/IEC 19770-1:2006	Information technology – Software asset management – Part 1: Processes	M
ISO/IEC 14496-3:2005/ Cor 3:2008	* Information technology – Coding of audio-visual objects – Part 3: Audio – Technical Corrigendum 3	free	ISO/IEC 19776-2:2005/ Amd 1:2008	* Information technology – Computer graphics, image processing and environmental data representation – Extensible 3D (X3D) encodings – Part 2: Classic VRML encoding – Amendment 1	XZ
ISO/IEC 14496-3:2005/ Cor 4:2008	* Information technology – Coding of audio-visual objects – Part 3: Audio – Technical Corrigendum 4	free			
ISO/IEC 14496-3:2005/ Cor 5:2008	* Information technology – Coding of audio-visual objects – Part 3: Audio – Technical Corrigendum 5	free			

ISO/IEC 19778-1:2008	* Information technology – Learning, education and training – Collaborative technology – Collaborative workplace – Part 1: Collaborative workplace data model	Q	ISO 15977:2002 ISO 15978:2002 ISO 15979:2002
ISO/IEC 19778-2:2008	* Information technology – Learning, education and training – Collaborative technology – Collaborative workplace – Part 2: Collaborative environment data model	K	ISO 15980:2002 ISO 15981:2002 ISO 15982:2002 ISO 15983:2002
ISO/IEC 19778-3:2008	* Information technology – Learning, education and training – Collaborative technology – Collaborative workplace – Part 3: Collaborative group data model	G	ISO 15984:2002 ISO 16426:2002
ISO/IEC 19780-1:2008	* Information technology – Learning, education and training – Collaborative technology – Collaborative learning communication – Part 1: Text-based communication	H	ISO 16582:2002 ISO 16583:2002 ISO 16584:2002 ISO 16585:2002
ISO/IEC TR 24729-1:2008	* Information technology – Radio frequency identification for item management – Implementation guidelines – Part 1: RFID-enabled labels and packaging supporting ISO/IEC 18000-6C	V	<b>TC 22</b> <b>Road vehicles</b> ISO 3553-2:1997 (reconfirmed) ISO 3808:2002
ISO/IEC TR 24729-2:2008	* Information technology – Radio frequency identification for item management – Implementation guidelines – Part 2: Recycling and RFID tags	N	ISO 3895:1986 (reconfirmed) ISO 3896:1986 (reconfirmed) ISO 10455:1992 (reconfirmed)
ISO/IEC 24824-3:2008	* Information technology – Generic applications of ASN.1: Fast infosec security – Part 3:	G	ISO 13476:1997 (reconfirmed) <b>TC 25</b> <b>Cast irons and pig irons</b> ISO 1083:2004
			<b>TC 28</b> <b>Petroleum products and lubricants</b> ISO/TS 12927:1999 ISO/TS 12928:1999

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## Standards confirmed

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

**IULTCS**      **International Union of Leather Technologists and Chemists Societies**

- ISO 2417:2002
- ISO 2418:2002
- ISO 2420:2002
- ISO 2589:2002
- ISO 3377-2:2002
- ISO 3378:2002
- ISO 3380:2002
- ISO 17227:2002
- ISO 17229:2002
- ISO 17233:2002
- ISO 17236:2002

**TC 2**      **Fasteners**

- ISO 15975:2002
- ISO 15976:2002

**TC 29**      **Small tools**

- ISO 513:2004

**TC 34**      **Food products**

- ISO 2168:1974 (reconfirmed)
- ISO 7702:1995 (reconfirmed)
- ISO 7703:1995 (reconfirmed)
- ISO 7911:1991 (reconfirmed)
- ISO 8682:1987 (reconfirmed)

**TC 41**      **Pulleys and belts (including veebelts)**

- ISO 14890:2003

**TC 43**      **Acoustics**

- ISO 140-14:2004
- ISO 3822-4:1997 (reconfirmed)
- ISO 11654:1997 (reconfirmed)
- ISO 15186-3:2002
- ISO 16032:2004

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

- ISO 9453:2006
- ISO 9455-11:1991 (reconfirmed)

ISO 9455-13:1996 (reconfirmed)		<b>TC 127</b>	<b>Earth-moving machinery</b>
ISO 9455-14:1991 (reconfirmed)		ISO 3164:1995	(reconfirmed)
ISO 9455-15:1996 (reconfirmed)		ISO 10261:2002	
ISO 9455-8:1991 (reconfirmed)		ISO 10968:2004	
ISO 15609-3:2004		ISO 12509:2004	
ISO 15612:2004		<b>TC 131</b>	<b>Fluid power systems</b>
<b>TC 45</b>	<b>Rubber and rubber products</b>	ISO 3939:1977	(reconfirmed)
ISO 13775-1:2000		ISO 4021:1992	(reconfirmed)
<b>TC 51</b>	<b>Pallets for unit load method of materials handling</b>	ISO 7986:1997	(reconfirmed)
ISO 12777-3:2002		ISO 16656:2004	
ISO 15629:2002		ISO 18413:2002	
ISO 18333:2002		<b>TC 138</b>	<b>Plastics pipes, fittings and valves for the transport of fluids</b>
<b>TC 68</b>	<b>Financial services</b>	ISO 8283-4:1992	(reconfirmed)
ISO 20022-1:2004		<b>TC 145</b>	<b>Graphical symbols</b>
ISO/TS 20022-3:2004		ISO 3864-2:2004	
ISO/TS 20022-4:2004		ISO 16069:2004	
ISO/TS 20022-5:2004		<b>TC 147</b>	<b>Water quality</b>
<b>TC 72</b>	<b>Textile machinery and accessories</b>	ISO 5667-9:1992	(reconfirmed)
ISO 20725:2004		<b>TC 172</b>	<b>Optics and photonics</b>
ISO 20726:2004		ISO 10110-11:1996	(reconfirmed)
ISO 20727:2004		ISO 11978:2000	
<b>TC 81</b>	<b>Common names for pesticides and other agrochemicals</b>	ISO 14730:2000	
ISO 765:1976	(reconfirmed)	ISO 15253:2000	
<b>TC 85</b>	<b>Nuclear energy</b>	<b>TC 184</b>	<b>Industrial automation systems and integration</b>
ISO 4037-2:1997	(reconfirmed)	ISO 10303-109:2004	
ISO 4037-4:2004		ISO 10303-11:2004	
ISO 6980-2:2004		ISO/TS 10303-1132:2004	
ISO 8194:1987	(reconfirmed)	ISO/TS 10303-1133:2004	
ISO 9271:1992	(reconfirmed)	ISO/TS 10303-1134:2004	
ISO 10648-1:1997	(reconfirmed)	ISO/TS 10303-1228:2004	
ISO 15366:1999		ISO 10303-218:2004	
ISO 15382:2002		ISO 18629-1:2004	
ISO 17874-2:2004		<b>JTC 1</b>	<b>Information technology</b>
ISO 22188:2004		ISO/IEC 10181-7:1996	(reconfirmed)
<b>TC 106</b>	<b>Dentistry</b>	ISO/IEC 13335-1:2004	
ISO 22803:2004		ISO/IEC 15416:2000	
<b>TC 114</b>	<b>Horology</b>		
ISO 3158:1976	(reconfirmed)		
ISO 3159:1976	(reconfirmed)		
ISO 6425:1996	(reconfirmed)		
<b>TC 121</b>	<b>Anaesthetic and respiratory equipment</b>		
ISO 23328-2:2002			

# Standards withdrawn

Period from 01 April to 30 April 2008

## IULTCS International Union of Leather Technologists and Chemists Societies

ISO/TS 17226:2003 (replaced by ISO 17226-1:2008 & ISO 17226-2:2008)

## TC 8 Ships and marine technology

ISO 14726-1:1999 (replaced by ISO 14726:2008)

ISO 14726-2:2002 (replaced by ISO 14726:2008)

## TC 12 Quantities, units, symbols, conversion factors

ISO 31-5:1992 (replaced by IEC 80000-6:2008)

## TC 34 Food products

ISO 7302:1982 (replaced by ISO 11085:2008)

ISO 8292:1991 (replaced by ISO 8292-1:2008 & ISO 8292-2:2008)

## TC 58 Gas cylinders

ISO 4706:1989 (replaced by ISO 4706-1:2008)

## TC 92 Fire safety

ISO 6944:1985 (replaced by ISO 6944-1:2008)

## TC 113 Hydrometry

ISO 1438-1:1980 (replaced by ISO 1438:2008)

4	Hannover (Germany)	TC 123/SC 2	Plain bearings/Materials and lubricants, their properties, characteristics, test methods and testing conditions
5	West Conshohocken (Philadelphia) (USA)	TC 119/SC 2	Powder metallurgy/ Sampling and testing methods for powders (including powders for hardmetals)
5	West Conshohocken (Philadelphia) (USA)	TC 119/SC 3	Powder metallurgy/ Sampling and testing methods for sintered metal materials (excluding hardmetals)
5	West Conshohocken (Philadelphia) (USA)	TC 119/SC 4	Powder metallurgy/ Sampling and testing methods for hardmetals
5	Hannover (Germany)	TC 123/SC 3	Plain bearings/ Dimensions, tolerances and construction details
5	Hannover (Germany)	TC 123/SC 5	Plain bearings/Quality analysis and assurance
5	London (United Kingdom)	TC 131/SC 6	Fluid power systems/ Contamination control
5 & 9-13	Böblingen (Germany)	JTC 1/SC 28	Information technology/ Office equipment
6	Nürnberg (Germany)	** TC 44/SC 12	Welding and allied processes/Soldering materials
6	West Conshohocken (Philadelphia) (USA)	TC 119	Powder metallurgy
6	Hannover (Germany)	TC 123	Plain bearings
6	Hannover (Germany)	TC 123/SC 6	Plain bearings/Terms and common items
8-13	Sun City (South Africa)	* TC 184/SC 4	Industrial automation systems and integration/ Industrial data
8-15	Kuala Lumpur (Malaysia)	* TC 96 and SC	Cranes
9-11	Berlin (Germany)	TC 172/SC 9	Optics and photonics/ Electro-optical systems
9-13	London (United Kingdom)	* TC 121 and SC	Anaesthetic and respiratory equipment
9-13	London (United Kingdom)	TC 121/SC 3	Anaesthetic and respiratory equipment/ Lung ventilators and related equipment
10	Kuala Lumpur (Malaysia)	** TC 96/SC 10	Cranes/Design - Principles and Requirements
10-13	Rio de Janeiro (Brazil)	* REMCO	Committee on reference materials
11-12	Paris (France)	TC 17/SC 11	Steel/Steel castings

# Meeting calendar

(update at 09 May 2008)

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

\* Information definite but meeting not yet formally convened

\*\* Provisional

## May-June 2008

30-2 Göteborg (Sweden) TC 215 Health informatics

## June 2008

2-3 Helsinki (Finland) TC 68 Financial services

2-4 Vancouver (Canada) TC 212 Clinical laboratory testing and in vitro diagnostic test systems

3-4 Geneva (Switzerland) \* TMB Technical Management Board

12	Seoul (Korea, Republic of)	TC 6/SC 2	Paper, board and pulps/ Test methods and quality specifications for paper and board	25	Calgary (Canada)	TC 67/SC 3	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Drilling and completion fluids, and well cements
12	Seoul (Korea, Republic of)	TC 6/SC 5	Paper, board and pulps/ Test methods and quality specifications for pulps	25	Bogota (Colombia)	TC 207/SC 1	Environmental management/ Environmental management systems
13	Seoul (Korea, Republic of)	TC 6	Paper, board and pulps	25-26	Prague (Czech Republic)	* TC 159/SC 3	Ergonomics/ Anthropometry and biomechanics
13	St-Denis (France)	TC 17/SC 3	Steel/Steels for structural purposes	26	Bogota (Colombia)	TC 207/SC 3	Environmental management/ Environmental labelling
13	Berlin (Germany) *	TC 192	Gas turbines	26	Bogota (Colombia)	TC 207/SC 5	Environmental management/Life cycle assessment
13	Brisbane (Australia)	TC 197	Hydrogen technologies	27	Calgary (Canada)	TC 67/EC/MC	Executive committee and Management committee
13-14	Las Vegas (USA)	TC 94/SC 4	Personal safety – Protective clothing and equipment/Personal equipment for protection against falls	27	Bogota (Colombia)	TC 207/SC 4	Environmental management/ Environmental performance evaluation
15-18	Jordan	* TC 217	Cosmetics	28	Bogota (Colombia)	TC 207/SC 7	Environmental management/Green house gas management and related activities
15-20	Orlando (USA)	TC 85 and SC	Nuclear energy	1-31	Spain	** TC 234	Fisheries and aquaculture
15-20	Orlando (USA)	TC 85/SC 2	Nuclear energy/Radiation protection	Frankfurt (Germany)	** TC 115/SC 2	Pumps/Methods of measurement and testing	
16-18	Orlando (USA)	TC 85/SC 6	Nuclear energy/Reactor technology	<b>July 2008</b>			
16-19	Stockholm (Sweden)	TC 241	Project Committee: Road-Traffic Safety Management System	3	Barcelona (Spain)	TC 134	Fertilizers and soil conditioners
19	Orlando (USA)	TC 85/SC 5	Nuclear energy/Nuclear fuel technology	4	Austria	TC 44/SC 6	Welding and allied processes/Resistance welding
19-20	Calgary (Canada)	TC 67/SC 4	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Drilling and production equipment	15	Berlin (Germany) **	TC 44/SC 9	Welding and allied processes/Health and safety
21	Bad Waldsee (Germany)	* TC 83/SC 2	Sports and recreational equipment/Camping tents	15	Berlin (Germany) **	TC 44/SC 10	Welding and allied processes/Unification of requirements in the field of metal welding
21-28	Bogota (Colombia)	TC 207	Environmental management	15-16	Berlin (Germany) **	TC 44/SC 3	Welding and allied processes/Welding consumables
22-27	Bogota (Colombia)	TC 207/TCG	Terminology Coordination Group	16	Berlin (Germany)	TC 44/SC 7	Welding and allied processes/ Representation and terms
23	Tsukuba (Japan) **	TC 20/SC 13	Aircraft and space vehicles/Space data and information transfer systems	17-18	Berlin (Germany)	TC 44	Welding and allied processes
23	Calgary (Canada)	** TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	21-25	Kuala Lumpur (Malaysia)	* TC 218	Timber
23-27	Monterey/Carmel (USA)	JTC 1/SC 24	Information technology/ Computer graphics, image processing and environmental data representation	22	Tokyo (Japan)	TC 110	Industrial trucks
24-25	Bogota (Colombia)	TC 207/AHG 1	Management of desertification and land degradation	22-25	Japan	** TC 110/SC 2	Industrial trucks/Safety of powered industrial trucks

28-29	Hannover (Germany)	*	JTC 1/SC 29	Information technology/ Coding of audio, picture, multimedia and hypermedia information	9-10	Berlin (Germany)	TC 150/SC 1	Implants for surgery/ Materials	
	Korea, Republic of	**	JTC 1/SC 37	Information technology/ Biometrics	10	Saitama (Japan)	TC 89	Wood-based panels	
					10	Berlin (Germany)	TC 150/SC 5	Implants for surgery/ Osteosynthesis and spinal devices	
<b>August 2008</b>									
11-15	Moscow (Russian Federation)	*	TC 37 and SC	Terminology and other language and content resources	10-11	Berlin (Germany) *	TC 68/SC 2	Financial services/ Security management and general banking operations	
26-31	Shanghai (China)	**	TC 135/SC 7	Non-destructive testing/ Personnel qualification	11	Berlin (Germany)	TC 150/SC 2	Implants for surgery/ Cardiovascular implants and extracorporeal systems	
26-31	Shanghai (China)	**	TC 135/SC 8	Non-destructive testing/ Infrared thermography for non-destructive testing	11	Berlin (Germany)	TC 150/SC 4	Implants for surgery/ Bone and joint replacements	
26-31	Shanghai (China)	**	TC 135/SC 9	Non-destructive testing/ Acoustic emission testing	11	Berlin (Germany)	TC 150/SC 6	Implants for surgery/ Active implants	
<b>September 2008</b>									
1-5	Stratford Upon Avon (United Kingdom)	**	TC 24/SC 4	Particle characterization including sieving/Sizing by methods other than sieving	14-19	Hannover (Germany)	** TC 164	Mechanical testing of metals	
4	Sydney (Australia)	*	TC 160/SC 1	Glass in building/Product considerations	15-16	Hannover (Germany)	** TC 164/SC 3	Mechanical testing of metals/ Hardness testing	
4-6	Berlin (Germany) *		TC 150/SC 7	Implants for surgery/ Tissue-engineered medical products	15-16	Hannover & 18 (Germany)	** TC 164/SC 4	Mechanical testing of metals/ Toughness testing - Fracture (F), Pendulum(P), Tear (T)	
4-6	Berlin (Germany) *		TC 194/SC 1	Biological evaluation of medical devices/ Tissue product safety	16-18	Berlin (Germany) *	TC 161	Control and protective devices for gas and oil burners and gas and oil burning appliances	
5	Sydney (Australia)	*	TC 160	Glass in building	16-19	Hannover (Germany)	** TC 164/SC 5	Mechanical testing of metals/ Fatigue testing	
5	Sydney (Australia)	*	TC 160/SC 2	Glass in building/ Use considerations	17-18	China	* TC 67/SC 7	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Offshore structures	
8	Spain	**	JTC 1/SC 35	Information technology/ User interfaces	17-18	Hannover (Germany)	** TC 164/SC 2	Mechanical testing of metals/ Ductility testing	
8 & 12	Berlin (Germany)		TC 150	Implants for surgery	19	Hannover (Germany)	** TC 164/SC 1	Mechanical testing of metals/ Uniaxial testing	
8-9	Saitama (Japan) *		TC 89/SC 3	Wood-based panels/ Plywood	22-24	Paris (France)	* TC 220	Cryogenic vessels	
8-10	Paris (France)		TC 202 and SC	Microbeam analysis	22-25	Milan (Italy)	* JTC 1/SC 22	Information technology/ Programming languages, their environments and system software interfaces	
8-11	Washington, D.C (USA)	**	TC 242	Project Committee: Energy Management	22-26	Orlando (USA)	* TC 61 and SC	Plastics	
8-12	Oslo (Norway)	**	TC 108/SC 4	Mechanical vibration, shock and condition monitoring/ Human exposure to mechanical vibration and shock	22-27	Netherlands	* TC 130	Graphic technology	
8-12	Berlin (Germany) **		TC 150	Implants for surgery	23-24	Delft & 26 (Netherlands)	TC 118	Compressors and pneumatic tools, machines and equipment	
9	Saitama (Japan) *		TC 89/SC 1	Wood-based panels/ Fibre boards	23-25	London (United Kingdom)	** TC 17/SC 17	Steel/ Steel wire rod and wire products	
9	Saitama (Japan) *		TC 89/SC 2	Wood-based panels/ Particle boards					
9	Tokyo (Japan)	**	TC 112	Vacuum technology					

**For more information, see ISO Online :  
www.iso.org/iso/meeting\_calendar**