

# ISO Update

## Supplement to ISO *Focus*

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March 2008

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### **International Standards in process**

*from 14 February to 3 March 2008*

Committee Drafts ( <b>CD</b> ) registered	2
Draft International Standards ( <b>DIS</b> ) circulated	4
Final draft International Standards ( <b>FDIS</b> ) circulated	6
Standards published	8
Standards confirmed	11
Standards withdrawn	11
Meeting calendar	11

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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 14 February to 03 March 2008

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

### **TC 2 Fasteners**

ISO/CD 225 Fasteners – Bolts, screws, studs and nuts – Symbols and designations of dimensions (Revision of ISO 225:1983)

### **TC 4 Rolling bearings**

ISO/CD 5753-2 Rolling bearings – Internal clearance – Part 2: Axial

### **TC 8 Ships and marine technology**

ISO/CD 8729-1 Ships and marine technology – Marine radar reflectors – Part 1: Passive type (Revision of ISO 8729:1997)

ISO 17631: 2002/CD Amd 1 Ships and marine technology – Shipboard plans for fire protection, life-saving appliances and means of escape – Amendment 1: Ships and marine technology–Shipboard plans for fire protection, life-saving appliances and means of escape–Amendment 1 Requirements specific to high speed crafts

### **TC 17 Steel**

ISO/CD 10679 Steel – Cast tool steel

### **TC 20 Aircraft and space vehicles**

ISO/CD 10794 Space systems – Programme management – Material, mechanical parts and processes

ISO/CD 10830 Space systems – Non-destructive testing – Method of automatic ultrasonic inspection of graphite ingot for solid rocket motor

ISO/CD 11221 Space systems – Space solar panels – Spacecraft charging induced electrostatic discharge test materials

### **TC 22 Road vehicles**

ISO 2575:2004/ CD Amd 6 Road vehicles – Symbols for controls, indicators and tell-tales – Amendment 6: HUD and child seat allowed

ISO/CD 6627 Internal combustion engines – Piston rings – Expander/segment oil-control rings (Revision of ISO 6627:2000)

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

ISO/CD 11545 Agricultural irrigation equipment – Centre-pivot and moving lateral irrigation machines with sprayer or sprinkler nozzles – Determination of uniformity of water distribution (Revision of ISO 11545:2001)

### **TC 29 Small tools**

ISO/CD 10649-1 Cutter arbors with parallel key and tenon drive – Part 1: General dimensions

ISO/CD 10649-2 Cutter arbors with parallel key and tenon drive – Part 2: Dimensions of tool holders with hollow taper interface

### **TC 34 Food products**

ISO/CD 10932 Milk and milk products – Determination of the minimal inhibitory concentration (MIC) of antibiotics applicable to bifidobacteria and non-enterococcal lactic acid bacteria (LAB)

ISO/CD 11746 Rice – Determination of biometric characteristics of kernels

ISO/CD 11747 Rice – Determination of kernels hardness after cooking

ISO/CD TS 27105 Milk and milk products – Determination of lysozyme content by HPLC and verification by LC/MS.

ISO/CD TS 27106 Cheese – Determination of nisin A content by LC/MS and LC/MS/MS

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

ISO/CD 17633 Welding consumables – Tubular cored electrodes and rods for gas shielded and non-gas shielded metal arc welding of stainless and heat-resisting steels – Classification (Revision of ISO 17633:2004)

### **TC 45 Rubber and rubber products**

ISO/CD 4649 Rubber, vulcanized or thermoplastic – Determination of abrasion resistance using a rotating cylindrical drum device (Revision of ISO 4649:2002)

ISO/CD 10638 Raw rubber, latex and rubber compounds – Identification of antidegradants by gas chromatography/mass spectrometry

ISO/CD 11853 Rubber – Determination of magnesium content of raw natural rubber and rubber products by atomic absorption spectrometry

### **TC 58 Gas cylinders**

ISO/CD 11439 Gas cylinders – High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles (Revision of ISO 11439:2000)

<b>TC 61</b>	<b>Plastics</b>	<b>TC 138</b>	<b>Plastics pipes, fittings and valves for the transport of fluids</b>
ISO/CD 22314	Plastics – Glass-fibre-reinforced products – Determination of fibre length (Revision of ISO 22314:2006)	ISO/CD 21751	Plastics pipes and fittings – Determination of cohesive resistance – Strip-bend test for electrofusion assemblies
ISO/CD 30012	Carbon fibre – Measurement of the size and aspect ratio of fragments of crushed carbon-fibre-reinforced plastic	<b>TC 165</b>	<b>Timber structures</b>
<b>TC 67</b>	<b>Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries</b>	ISO/CD 20152-2	Timber structures – Bond performance of adhesives – Part 2: Additional requirements
ISO/CD 28781	Petroleum and natural gas industries - Downhole equipment – Subsurface tubing mounted formation barrier valves and related equipment	<b>TC 172</b>	<b>Optics and photonics</b>
<b>TC 69</b>	<b>Applications of statistical methods</b>	ISO/CD 9211-1	Optics and optical instruments – Optical coatings – Part 1: Definitions (Revision of ISO 9211-1:1994)
ISO 3951-2: 2006/CD Amd 1	Sampling procedures for inspection by variables – Part 2: General specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection of independent quality characteristics – Amendment 1	<b>TC 173</b>	<b>Assistive products for persons with disability</b>
<b>TC 76</b>	<b>Transfusion, infusion and injection equipment for medical and pharmaceutical use</b>	ISO/CD 7176-9	Wheelchairs – Part 9: Climatic tests for electric wheelchairs (Revision of ISO 7176-9:2001)
ISO/CD 4802-1	Glassware – Hydrolytic resistance of the interior surfaces of glass containers – Part 1: Determination by titration method and classification (Revision of ISO 4802-1:1988)	<b>TC 190</b>	<b>Soil quality</b>
ISO/CD 4802-2	Glassware – Hydrolytic resistance of the interior surfaces of glass containers – Part 2: Determination by flame spectrometry and classification (Revision of ISO 4802-2:1988)	ISO/CD 15192	Soil quality – Determination of chromium(VI) in solid material by alkaline digestion and ion chromatography with spectrophotometric detection
<b>TC 106</b>	<b>Dentistry</b>	<b>JTC 1</b>	<b>Information technology</b>
ISO/CD 10271	Dental metallic materials – Corrosion test methods (Revision of ISO 10271:2001, ISO 10271:2001/Cor 1:2005)	ISO/IEC CD 10967-1	Information technology – Language independent arithmetic – Part 1: Integer and floating point arithmetic (Revision of ISO/IEC 10967-1:1994)
<b>TC 112</b>	<b>Vacuum technology</b>	ISO/IEC CD 15421	Information technology – Automatic identification and data capture techniques – Bar code master test specifications (Revision of ISO/IEC 15421:2000)
ISO/CD 27892	Vacuum technology – Turbomolecular pumps – Measurement of rapid shutdown torque	ISO/IEC CD 19785-4	Common Biometric Exchange Formats Framework – Part 4: Security Block Format Specifications
<b>TC 118</b>	<b>Compressors and pneumatic tools, machines and equipment</b>	ISO/IEC CD 20000-3	Information technology – Service management – Part 3: Guidance for the scoping and applicability of ISO/IEC 20000-1
ISO/CD 12500-4	Filters for compressed air – Methods of test – Part 4: Water	ISO/IEC CD 25060	Software product Quality Requirements and Evaluation (SQuARE) – Common Industry Format (CIF) for Usability – General Framework for Usability-related Information
<b>TC 123</b>	<b>Plain bearings</b>	ISO/IEC CD 29794-5	Biometric Sample Quality – Part 5: Face Sample Quality Data
ISO/CD 3548-2	Plain bearings – Thin-walled half bearings with or without flange – Part 2: Measurement of wall-thickness (Revision of ISO/CD 12306)		
ISO/CD TR 27507	Plain bearings – Recommendations for automotive crankshaft bearing environments		
<b>TC 131</b>	<b>Fluid power systems</b>		
ISO/CD 10041-2	Pneumatic fluid power – Electrically modulated pneumatic flow rate control valves – Part 2: Test methods to determinate main characteristics to include in the supplier's literature for three-port control valves		

# DIS circulated

Period from 14 February to 03 March 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>IULTCS</b>	<b>International Union of Leather Technologists and Chemists Societies</b>				
ISO/DIS 27587	Leather – Chemical tests – Determination of the free formaldehyde in process auxiliaries	2008-07-29			
<b>TC 1</b>	<b>Screw threads</b>				
ISO/DIS 1501	ISO miniature screw threads (Revision of ISO/R 1501:1970)	2008-07-30			
<b>TC 2</b>	<b>Fasteners</b>				
ISO/DIS 10673	Plain washers for screw and washer assemblies – Small, normal and large series – Product grade A (Revision of ISO 10673:1998)	2008-07-29			
<b>TC 6</b>	<b>Paper, board and pulps</b>				
ISO/DIS 2470-1	Paper, board and pulps – Measurement of diffuse blue reflectance factor – Part 1: Indoor daylight conditions (ISO brightness) (Revision of ISO 2470:1999)	2008-07-30			
<b>TC 17</b>	<b>Steel</b>				
ISO/DIS 17832	* Unparalleled steel wire and cords for tyre reinforcement	2008-07-15			
<b>TC 21</b>	<b>Equipment for fire protection and fire fighting</b>				
ISO/DIS 7240-7	* Fire detection and alarm systems – Part 7: Point-type smoke detectors using scattered light, transmitted light or ionization (Revision of ISO 7240-7:2003)	2008-07-16			
<b>TC 22</b>	<b>Road vehicles</b>				
ISO/DIS 26867	* Road vehicles – Brake lining friction materials – Friction behaviour assessment for automotive brake systems	2008-07-23			
<b>TC 23</b>	<b>Tractors and machinery for agriculture and forestry</b>				
ISO/DIS 4254-10.3	Agricultural machinery – Safety – Part 10: Rotary tedders and rakes	2008-04-29			
<b>TC 28</b>	<b>Petroleum products and lubricants</b>				
ISO/DIS 3771	Petroleum products – Determination of base number – Perchloric acid potentiometric titration method (Revision of ISO 3771:1994)	2008-07-23			
ISO/DIS 7507-4	* Petroleum and liquid petroleum products – Calibration of vertical cylindrical tanks – Part 4: Internal electro-optical distance-ranging method (Revision of ISO 7507-4:1995)	2008-07-22			
<b>TC 34</b>	<b>Food products</b>				
ISO/DIS 659	Oilseeds – Determination of oil content (Reference method) (Revision of ISO 659:1998)	2008-07-15			
<b>TC 38</b>	<b>Textiles</b>				
ISO/DIS 105-F02	Textiles – Tests for colour fastness – Part F02: Specification for cotton and viscose adjacent fabrics (Revision of ISO 105-F:1985)	2008-07-30			
ISO/DIS 105-F09	Textiles – Tests for colour fastness – Part F09: Specification for cotton rubbing cloth (Revision of ISO 105-F:1985)	2008-07-30			
ISO/DIS 3758	Textiles – Care labelling code using symbols (Revision of ISO 3758:2005)	2008-07-29			
<b>TC 39</b>	<b>Machine tools</b>				
ISO/DIS 702-1	Machine tools – Connecting dimensions of spindle noses and workholding chucks – Part 1: Conical connection (Revision of ISO 702-1:2001)	2008-07-19			
<b>TC 43</b>	<b>Acoustics</b>				
ISO/DIS 20906.2	Acoustics – Unattended monitoring of aircraft sound in the vicinity of airports	2008-04-30			
<b>TC 44</b>	<b>Welding and allied processes</b>				
ISO/DIS 4063	Welding and allied processes – Nomenclature of processes and reference numbers (Revision of ISO 4063:1998)	2008-07-15			
ISO/DIS 9539	Materials for equipment used in gas welding, cutting and allied processes (Revision of ISO 9539:1988)	2008-07-22			
<b>TC 45</b>	<b>Rubber and rubber products</b>				
ISO/DIS 1407	* Rubber – Determination of solvent extract (Revision of ISO 1407:1992)	2008-07-23			
ISO/DIS 6804	Rubber and plastics inlet hoses and hose assemblies for washing-machines and dishwashers – Specification (Revision of ISO 6804:1991)	2008-07-19			
<b>TC 54</b>	<b>Essential oils</b>				
ISO/DIS 8902	Oil of lavandin Grosso (Lavandula angustifolia Mill. x Lavandula latifolia Medik.), French type (Revision of ISO 8902:1999)	2008-07-30			
<b>TC 58</b>	<b>Gas cylinders</b>				
ISO/DIS 26444	* Gas cylinders – Refillable welded aluminium alloy gas cylinders for greater than 60 bar test pressure - Design, construction and testing	2008-07-19			

<b>TC 61</b>	<b>Plastics</b>			<b>TC 107</b>	<b>Metallic and other inorganic coatings</b>		
ISO/DIS 28078-1	* Plastics – Poly(phenylene sulfide) (PPS) moulding and extrusion materials – Part 1: Designation system and basis for specifications	2008-07-15		ISO/DIS 1456	Metallic and other inorganic coatings – Electrodeposited coatings of nickel, nickel plus chromium and of copper plus nickel plus chromium (Revision of ISO 1456:2003, ISO 1458:2002)	2008-07-22	
ISO/DIS 28078-2	* Plastics – Poly(phenylene sulfide) (PPS) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties	2008-07-15		<b>TC 108</b>	<b>Mechanical vibration, shock and condition monitoring</b>		
<b>TC 67</b>	<b>Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries</b>			ISO/DIS 22266-1	* Mechanical vibration – Torsional vibration of rotating machinery – Part 1: Land-based steam and gas turbine generator sets in excess of 50 MW	2008-07-29	
ISO/DIS 13534	* Petroleum and natural gas industries – Drilling and production equipment – Inspection, maintenance, repair and remanufacture of hoisting equipment (Revision of ISO 13534:2000)	2008-07-22		<b>TC 113</b>	<b>Hydrometry</b>		
ISO/DIS 13535	* Petroleum and natural gas industries – Drilling and production equipment – Hoisting equipment (Revision of ISO 13535:2000)	2008-07-22		ISO/DIS 26906	* Hydrometry – Fishpasses at flow measurement structures	2008-07-23	
<b>TC 85</b>	<b>Nuclear energy</b>			<b>TC 119</b>	<b>Powder metallurgy</b>		
ISO/DIS 11929	Determination of the characteristic limits (decision threshold, detection limit and limits of the confidence interval) for measurements of ionizing radiation – Fundamentals and application (Revision of ISO 11929-1:2000, ISO 11929-2:2000, ISO 11929-3:2000, ISO 11929-4:2001, ISO 11929-6:2005, ISO 11929-7:2005, ISO 11929-8:2005, ISO 11929-5:2005)	2008-07-22		ISO/DIS 26482	* Hardmetals – Determination of lead and cadmium	2008-07-15	
<b>TC 94</b>	<b>Personal safety – Protective clothing and equipment</b>			<b>TC 164</b>	<b>Mechanical testing of metals</b>		
ISO/DIS 16900-2	Respiratory protective devices – Methods of test and test equipment – Part 2: Determination of breathing resistance	2008-07-19		ISO/DIS 27306	* Metallic materials – Method of constraint loss correction of CTOD fracture toughness for fracture assessment of steel components	2008-07-26	
ISO/DIS 16972	Respiratory protective devices – Terms, definitions, graphical symbols and units of measurement	2008-07-23		<b>TC 165</b>	<b>Timber structures</b>		
<b>TC 106</b>	<b>Dentistry</b>			ISO/DIS 10984-1	* Timber structures – Dowel-type fasteners – Part 1: Determination of yield moment	2008-07-26	
ISO/DIS 3630-4	Dentistry – Root canal instruments – Part 4: Auxiliary instruments	2008-07-15		ISO/DIS 10984-2	* Timber structures – Dowel-type fasteners – Part 2: Determination of embedding strength and foundation values	2008-07-26	
ISO/DIS 4049	* Dentistry – Polymer-based restorative materials (Revision of ISO 4049:2000)	2008-07-29		ISO/DIS 22390-1	* Timber structures – Laminated veneer lumber (LVL) – Part 1: Structural properties	2008-07-23	
ISO 7711-1: 1997/DAMd 1	Dental rotary instruments – Diamond instruments – Part 1: Dimensions, requirements, marking and packaging – Amendment 1	2008-07-29		<b>TC 168</b>	<b>Prosthetics and orthotics</b>		
ISO/DIS 9168	Dentistry – Hose connectors for air driven dental handpieces (Revision of ISO 9168:1991)	2008-07-29		ISO/DIS 29781	* Prostheses and orthoses – Factors to be included when describing physical activity of a person who has had a lower limb amputation(s) or who has a deficiency of a lower limb segment(s) present at birth	2008-07-19	
				ISO/DIS 29782	* Prostheses and orthoses – Factors to be considered when specifying a prosthesis for a person who has had a lower limb amputation	2008-07-19	
				ISO/DIS 29783-1	* Prosthetics and orthotics – Vocabulary – Part 1: Normal gait	2008-07-19	
				<b>TC 172</b>	<b>Optics and photonics</b>		
				ISO 18369-1: 2006/DAMd 1	Ophthalmic optics – Contact lenses – Part 1: Vocabulary, classification system and recommendations for labelling specifications – Amendment 1	2008-07-15	

ISO 18369-2: 2006/DAMd 1	Ophthalmic optics – Contact lenses – Part 2: Tolerances – Amendment 1	2008-07-15
ISO/DIS 21987	Ophthalmic optics – Mounted spectacle lenses	2008-07-15
ISO/DIS 23584-1.2	* Optics and photonics – Specification of reference dictionary – Part 1: General overview on organization and structure	2008-05-13
<b>TC 182</b>	<b>Geotechnics</b>	
ISO/DIS 22476-5.2	* Geotechnical investigation and testing – Field testing – Part 5: Flexible dilatometer test	2008-05-15
ISO/DIS 22476-7.2	* Geotechnical investigation and testing – Field testing – Part 7: Borehole jack test	2008-05-15
<b>TC 184</b>	<b>Industrial automation systems and integration</b>	
ISO/DIS 18435-1	* Industrial automation systems and integration – Diagnostics, capability assessment, and maintenance applications integration – Part 1: Overview and general requirements	2008-07-22
ISO 23570-3: 2006/DAMd 1	* Industrial automation systems and integration – Distributed installation in industrial applications – Part 3: Power distribution bus – Amendment 1: Addition of a small size motor connector	2008-07-23
<b>TC 201</b>	<b>Surface chemical analysis</b>	
ISO/DIS 23812	Surface chemical analysis – Secondary-ion mass spectrometry – Method for depth calibration for silicon using multiple delta-layer reference materials	2008-07-16
<b>TC 213</b>	<b>Dimensional and geometrical product specifications and verification</b>	
ISO/DIS 13225-1	Geometrical product specifications (GPS) – Dimensional measuring instruments; Height gauges – Part 1: Simple height gauges; Design and metrological characteristics	2008-07-29
<b>TC 219</b>	<b>Floor coverings</b>	
ISO/DIS 11379	* Textile floor coverings – Laboratory cleaning procedure using spray extraction (Revision of ISO 11379:1997)	2008-07-29
<b>JTC 1</b>	<b>Information technology</b>	
ISO/IEC DIS 11976	* Data interchange on 130 mm rewritable and write-once-read-many ultra density optical (UDO) disk cartridges – Capacity: 60 Gbytes per cartridge – Second generation	2008-07-30
ISO/IEC DIS 25434	* Information technology – Data interchange on 120 mm and 80 mm optical disk using +R DL format – Capacity: 8,55 Gbytes and 2,66 Gbytes per side (recording speed up to 16x) (Revision of ISO/IEC 25434:2007)	2008-07-30

## FDIS circulated

Period from 14 February to 03 March 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
<b>TC 6</b>	<b>Paper, board and pulps</b>		
ISO/FDIS 5269-3	Pulps – Preparation of laboratory sheets for physical testing – Part 3: Conventional and Rapid-Köthen sheet formers using a closed water system	2008-04-20	
<b>TC 23</b>	<b>Tractors and machinery for agriculture and forestry</b>		
ISO/FDIS 11783-10.2	Tractors and machinery for agriculture and forestry – Serial control and communications data network – Part 10: Task controller and management information system data interchange	2008-04-20	
ISO/FDIS 21628	Gardening machinery – Powered material-collecting systems – Safety	2008-04-27	
<b>TC 34</b>	<b>Food products</b>		
ISO/FDIS 664	Oilseeds – Reduction of laboratory sample to test sample (Revision of ISO 664:1990)	2008-04-22	
ISO/FDIS 8586-2	Sensory analysis – General guidance for the selection, training and monitoring of assessors – Part 2: Expert sensory assessors (Revision of ISO 8586-2:1994)	2008-04-22	
<b>TC 38</b>	<b>Textiles</b>		
ISO/FDIS 9073-17	Textiles – Test methods for nonwovens – Part 17: Determination of water penetration (spray impact)	2008-04-15	
<b>TC 43</b>	<b>Acoustics</b>		
ISO/FDIS 3382-2	Acoustics – Measurement of room acoustic parameters – Part 2: Reverberation time in ordinary rooms	2008-04-22	
<b>TC 45</b>	<b>Rubber and rubber products</b>		
ISO/FDIS 16565*	Rubber – Determination of 5-ethylidenenorbornene (ENB) or dicyclopentadiene (DCPD) in ethylene-propylene-diene (EPDM) terpolymers (Revision of ISO 16565:2002)	2008-04-29	
ISO/FDIS 17564*	Raw hydrogenated nitrile rubber (HNBR) – Determination of residual unsaturation by iodine value (Revision of ISO 17564:2001)	2008-04-27	
ISO/FDIS 24698-1	* Rubber, raw – Determination of bound acrylonitrile content in acrylonitrile-butadiene rubber (NBR) – Part 1: Combustion (Dumas) method	2008-04-23	

ISO/FDIS 24698-2	* Rubber, raw – Determination of bound acrylonitrile content in acrylonitrile-butadiene rubber (NBR) – Part 2: Kjeldahl method	2008-04-23	ISO/FDIS 3601-4	* Fluid power systems – O-rings – Part 4: Anti-extrusion rings (back-up rings)	2008-04-21
<b>TC 59</b>	<b>Building construction</b>		<b>TC 150</b>	<b>Implants for surgery</b>	
ISO/FDIS 15686-5	Buildings and constructed assets – Service-life planning – Part 5: Life-cycle costing	2008-04-16	ISO/FDIS 16402*	Implants for surgery – Acrylic resin cement – Flexural fatigue testing of acrylic resin cements used in orthopaedics	2008-04-21
<b>TC 61</b>	<b>Plastics</b>		<b>TC 172</b>	<b>Optics and photonics</b>	
ISO/FDIS 10840*	Plastics – Guidance for the use of standard fire tests (Revision of ISO 10840:2003)	2008-05-04	ISO/FDIS 24157	Ophthalmic optics and instruments – Reporting aberrations of the human eye	2008-04-29
ISO/FDIS 15270*	Plastics – Guidelines for the recovery and recycling of plastics waste (Revision of ISO 15270:2006)	2008-04-15	<b>TC 192</b>	<b>Gas turbines</b>	
ISO/FDIS 16869*	Plastics – Assessment of the effectiveness of fungistatic compounds in plastics formulations (Revision of ISO 16869:2001)	2008-04-26	ISO/FDIS 21789	Gas turbine applications – Safety	2008-04-30
<b>TC 104</b>	<b>Freight containers</b>		<b>TC 206</b>	<b>Fine ceramics</b>	
ISO/FDIS 1496-2	* Series 1 freight containers – Specification and testing – Part 2: Thermal containers (Revision of ISO 1496-2:1996, ISO 1496-2:1996/Cor 1:1997, ISO 1496-2:1996/Amd 1:2006)	2008-05-04	ISO/FDIS 23146*	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test methods for fracture toughness of monolithic ceramics – Single-edge V-notch beam (SEVNB) method	2008-04-19
<b>TC 108</b>	<b>Mechanical vibration, shock and condition monitoring</b>		<b>TC 217</b>	<b>Cosmetics</b>	
ISO/FDIS 18437-4	* Mechanical vibration and shock – Characterization of the dynamic mechanical properties of visco-elastic materials – Part 4: Dynamic stiffness method	2008-04-16	ISO/FDIS 15819	Cosmetics – Analytical methods – Nitrosamines: Detection and determination of N-nitrosodiethanolamine (NDELA) in cosmetics by HPLC-MS	2008-04-26
<b>TC 110</b>	<b>Industrial trucks</b>		<b>TC 221</b>	<b>Geosynthetics</b>	
ISO/FDIS 22915-2	Industrial trucks – Verification of stability – Part 2: Counterbalanced trucks with mast (Revision of ISO 1074:1991)	2008-04-26	ISO/FDIS 10319	Geosynthetics – Wide-width tensile test (Revision of ISO 10319:1993)	2008-04-22
ISO/FDIS 22915-3	Industrial trucks – Verification of stability – Part 3: Reach and straddle trucks (Revision of ISO 3184:1998, ISO 3184:1998/Cor 1:2000)	2008-04-28	<b>JTC 1</b>	<b>Information technology</b>	
<b>TC 121</b>	<b>Anaesthetic and respiratory equipment</b>		ISO/IEC FDIS 11770-2	* Information technology – Security techniques – Key management – Part 2: Mechanisms using symmetric techniques (Revision of ISO/IEC 11770-2:1996, ISO/IEC 11770-2:1996/Cor 1:2005)	2008-04-15
ISO/FDIS 5359	Low-pressure hose assemblies for use with medical gases (Revision of ISO 5359:2000)	2008-04-29	ISO/IEC FDIS 14443-1	* Identification cards – Contactless integrated circuit cards – Proximity cards – Part 1: Physical characteristics (Revision of ISO/IEC 14443-1:2000)	2008-04-27
ISO/FDIS 9170-2	Terminal units for medical gas pipeline systems – Part 2: Terminal units for anaesthetic gas scavenging systems (Revision of ISO 9170-2:1999)	2008-04-15	ISO/IEC 14496-20:2006/ FDAmD 2	* Information technology – Coding of audio-visual objects – Part 20: Lightweight Application Scene Representation (LAsER) and Simple Aggregation Format (SAF) – Amendment 2: Extensions to support SVGT1.2	2008-04-21
ISO/FDIS 10524-4	Pressure regulators for use with medical gases – Part 4: Low-pressure regulators	2008-04-29	ISO/IEC 14496-4:2004/ FDAmD 21	* Information technology – Coding of audio-visual objects – Part 4: Conformance testing – Amendment 21: Geometry and shadow conformance	2008-04-30
<b>TC 131</b>	<b>Fluid power systems</b>		ISO/IEC 14496-4:2004/ FDAmD 24	* Information technology – Coding of audio-visual objects – Part 4: Conformance testing – Amendment 24: File format conformance	2008-04-30
ISO/FDIS 3601-2	* Fluid power systems – O-rings – Part 2: Housing dimensions for general applications	2008-04-21			

ISO/IEC 14496-4:2004/ FDAmD 25	* Information technology – Coding of audio-visual objects – Part 4: Conformance testing – Amendment 25: LAsER and SAF conformance	2008-04-30	ISO/IEC FDIS 29116-1	* Information technology – Supplemental media technologies – Part 1: Media streaming application format protocols	2008-05-04	
ISO/IEC FDIS 14543-4-1	* Information technology – Home electronic system (HES) architecture – Part 4-1: Communication layers – Application layer for network enhanced control devices of HES Class 1	2008-04-30				
ISO/IEC FDIS 14543-4-2	* Information technology – Home electronic system (HES) architecture – Part 4-2: Communication layers – Transport, network and general parts of data link layer for network enhanced control devices of HES Class 1	2008-04-30				
ISO/IEC FDIS 14776-223	* Information technology – Small Computer System Interface (SCSI) – Part 223: Fibre Channel Protocol for SCSI, Third Version (FCP-3)	2008-04-30				Price group
ISO/IEC 15444-8:2007/ FDAmD 1	* Information technology – JPEG 2000 image coding system: Secure JPEG 2000 – Part 8: – Amendment 1: File format security	2008-04-30				
ISO/IEC FDIS 19762-1	* Information technology – Automatic identification and data capture (AIDC) techniques – Harmonized vocabulary – Part 1: General terms relating to AIDC (Revision of ISO/IEC 19762-1:2005)	2008-05-04				
ISO/IEC FDIS 19762-2	* Information technology – Automatic identification and data capture (AIDC) techniques – Harmonized vocabulary – Part 2: Optically readable media (ORM) (Revision of ISO/IEC 19762-2:2005)	2008-05-04				
ISO/IEC FDIS 19762-3	* Information technology – Automatic identification and data capture (AIDC) techniques – Harmonized vocabulary – Part 3: Radio frequency identification (RFID) (Revision of ISO/IEC 19762-3:2005)	2008-05-04				
ISO/IEC FDIS 19762-4	* Information technology – Automatic identification and data capture (AIDC) techniques – Harmonized vocabulary – Part 4: General terms relating to radio communications	2008-05-04				
ISO/IEC FDIS 19762-5	* Information technology – Automatic identification and data capture (AIDC) techniques – Harmonized vocabulary – Part 5: Locating systems	2008-05-04				
ISO/IEC FDIS 19795-4	* Information technology – Biometric performance testing and reporting – Part 4: Interoperability performance testing	2008-04-30				
ISO/IEC 21000-18:2007/ FDAmD 1	* Information technology – Multimedia framework (MPEG-21) – Part 18: Digital Item Streaming – Amendment 1: Simple fragmentation rule	2008-05-04				
ISO/IEC FDIS 27005	* Information technology – Security techniques – Information security risk management (Revision of ISO/IEC TR 13335-3:1998, ISO/IEC TR 13335-4:2000)	2008-04-20				
<hr/> <b>Standards published</b> <hr/>						
New International Standards published between 14 February and 03 March 2008						
*Available in English only						
** French version of standard previously published in English only						
<b>TC 8</b>	<b>Ships and marine technology</b>					
ISO 1704:2008	* Ships and marine technology – Stud-link anchor chains					L
ISO 5489:2008	* Ships and marine technology – Embarkation ladders					E
<b>TC 21</b>	<b>Equipment for fire protection and fire fighting</b>					
ISO 16852:2008	* Flame arresters – Performance requirements, test methods and limits for use					T
<b>TC 22</b>	<b>Road vehicles</b>					
ISO 9043:2008	* Mopeds – Measurement method for moments of inertia					J
<b>TC 23</b>	<b>Tractors and machinery for agriculture and forestry</b>					
ISO 11783-2:2002/Amd 1:2006**	Tractors and machinery for agriculture and forestry – Serial control and communications data network – Part 2: Physical layer – Amendment 1					XZ
ISO 17314:2008	* Manually portable forest machinery – Recyclability and recoverability – Calculation method					C
<b>TC 29</b>	<b>Small tools</b>					
ISO 16366:2008	Tools for pressing – L-shaped guides					B
ISO 16367:2008	Tools for pressing – Guide plates – U- and V-blocks					C
ISO 24233:2008	Tools for moulding – Tool specification sheet for diecasting dies					E
<b>TC 31</b>	<b>Tyres, rims and valves</b>					
ISO 9112:2008	Truck and bus tyres – Methods of measuring tyre rolling circumference – Loaded new tyres					E
<b>TC 33</b>	<b>Refractories</b>					
ISO 26845:2008	Chemical analysis of refractories – General requirements for wet chemical analysis, atomic absorption spectrometry (AAS) and inductively coupled plasma atomic emission spectrometry (ICP-AES) methods					G

<b>TC 34</b>	<b>Food products</b>			<b>TC 84</b>	<b>Devices for administration of medicinal products and intravascular catheters</b>		
ISO/TS 21872-1:2007/ Cor 1:2008	Microbiology of food and animal feeding stuffs – Horizontal method for the detection of potentially enteropathogenic <i>Vibrio</i> spp. – Part 1: Detection of <i>Vibrio parahaemolyticus</i> and <i>Vibrio cholerae</i> – Technical Corrigendum 1	free		ISO 6009:1992/ Cor 1:2008	Hypodermic needles for single use – Colour coding for identification – Technical Corrigendum 1	free	
<b>TC 44</b>	<b>Welding and allied processes</b>			<b>TC 96</b>	<b>Cranes</b>		
ISO 10675-1: 2008	Non-destructive testing of welds – Acceptance levels for radiographic testing – Part 1: Steel, nickel, titanium and their alloys	F		ISO 11660-1: 2008	Cranes – Access, guards and restraints – Part 1: General	L	
ISO 14175:2008	Welding consumables – Gases and gas mixtures for fusion welding and allied processes	E		ISO 11660-3: 2008	Cranes – Access, guards and restraints – Part 3: Tower cranes	C	
ISO 15614-1: 2004/Amd 1: 2008	Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys – Amendment 1	XZ		<b>TC 108</b>	<b>Mechanical vibration, shock and condition monitoring</b>		
<b>TC 45</b>	<b>Rubber and rubber products</b>			ISO 18434-1: 2008	Condition monitoring and diagnostics of machines – Thermography – Part 1: General procedures	M	
ISO 7233: 2006**	Rubber and plastics hoses and hose assemblies – Determination of resistance to vacuum	C		<b>TC 113</b>	<b>Hydrometry</b>		
ISO 13363: 2004/Cor 1: 2008	* Rubber and plastics hoses for marine-engine wet-exhaust systems – Specification – Technical Corrigendum 1	free		ISO 4360:2008	* Hydrometry – Open channel flow measurement using triangular profile weirs	N	
ISO 20299-3: 2008	* Film for wrapping rubber bales – Part 3: Ethylene-propylene-diene rubber (EPDM), acrylonitrile-butadiene rubber (NBR), hydrogenated nitrile-butadiene rubber (HNBR), acrylic-ethylene rubber (AEM) and acrylic rubber (ACM)	A		<b>TC 122</b>	<b>Packaging</b>		
<b>TC 58</b>	<b>Gas cylinders</b>			ISO 20848-1: 2006**	Packaging – Plastics drums – Part 1: Removable head (open head) drums with a nominal capacity of 113,6 l to 220 l	D	
ISO 5145:2004/ Amd 2:2008	* Cylinder valve outlets for gases and gas mixtures – Selection and dimensioning – Amendment 2	XZ		ISO 20848-2: 2006**	Packaging – Plastics drums – Part 2: Non-removable head (tight head) drums with a nominal capacity of 208,2 l and 220 l	F	
<b>TC 61</b>	<b>Plastics</b>			ISO 20848-3: 2006**	Packaging – Plastics drums – Part 3: Plug/bung closure systems for plastics drums with a nominal capacity of 113,6 l to 220 l	L	
ISO 17088:2008	* Specifications for compostable plastics	D		<b>TC 127</b>	<b>Earth-moving machinery</b>		
<b>TC 63</b>	<b>Glass containers</b>			ISO 16001:2008	Earth-moving machinery – Hazard detection systems and visual aids – Performance requirements and tests	T	
ISO 9058:2008	Glass containers – Standard tolerances for bottles	A		<b>TC 130</b>	<b>Graphic technology</b>		
<b>TC 67</b>	<b>Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries</b>			ISO 12643-3: 2008	* Graphic technology – Safety requirements for graphic technology equipment and systems – Part 3: Binding and finishing equipment and systems	U	
ISO 13680: 2000/Cor 2: 2004**	Petroleum and natural gas industries – Corrosion-resistant alloy seamless tubes for use as casing, tubing and coupling stock – Technical delivery conditions – Technical Corrigendum 2	free		ISO 15930-7: 2008	* Graphic technology – Prepress digital data exchange using PDF – Part 7: Complete exchange of printing data (PDF/X-4) and partial exchange of printing data with external profile reference (PDF/X-4p) using PDF 1.6	N	
ISO/TS 29001: 2007**	Petroleum, petrochemical and natural gas industries – Sector-specific quality management systems – Requirements for product and service supply organizations	N		<b>TC 131</b>	<b>Fluid power systems</b>		
<b>TC 79</b>	<b>Light metals and their alloys</b>			ISO 13726:2008	Hydraulic fluid power – Single rod cylinders, 16 MPa (160 bar) compact series with bores from 250 mm to 500 mm – Accessory mounting dimensions	D	
ISO 17615: 2007/Cor 1: 2008	Aluminium and aluminium alloys – Alloyed ingots for remelting – Specifications – Technical Corrigendum 1	free		<b>TC 138</b>	<b>Plastics pipes, fittings and valves for the transport of fluids</b>		
				ISO 17484-1: 2006/Cor 1: 2008	* Plastics piping systems – Multilayer pipe systems for indoor gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) – Part 1: Specifications for systems – Technical Corrigendum 1	free	

<b>TC 147</b>	<b>Water quality</b>			ISO 14978: 2006/Cor 1: 2008	Geometrical product specifications (GPS) – General concepts and requirements for GPS measuring equipment – Technical Corrigendum 1	free
ISO 5667-18: 2001/Cor 1: 2008	* Water quality – Sampling – Part 18: Guidance on sampling of groundwater at contaminated sites – Technical Corrigendum 1	free				
<b>TC 156</b>	<b>Corrosion of metals and alloys</b>			<b>TC 215</b>	<b>Health informatics</b>	
ISO 21207: 2004/Cor 1: 2008	Corrosion tests in artificial atmospheres – Accelerated corrosion tests involving alternate exposure to corrosion-promoting gases, neutral salt-spray and drying – Technical Corrigendum 1	free		ISO 17090-1: 2008	* Health informatics – Public key infrastructure – Part 1: Overview of digital certificate services	R
<b>TC 159</b>	<b>Ergonomics</b>			ISO 17090-2: 2008	* Health informatics – Public key infrastructure – Part 2: Certificate profile	N
ISO 9241-20: 2008	Ergonomics of human-system interaction – Part 20: Accessibility guidelines for information/communication technology (ICT) equipment and services	S		ISO 17090-3: 2008	* Health informatics – Public key infrastructure – Part 3: Policy management of certification authority	R
<b>TC 163</b>	<b>Thermal performance and energy use in the built environment</b>			<b>TMB</b>	<b>Technical Management Board</b>	
ISO 13790:2008	* Energy performance of buildings – Calculation of energy use for space heating and cooling	XC		ISO/IEC Guide 77-3:2008	* Guide for specification of product properties and classes – Part 3: Experience gained	U
<b>TC 164</b>	<b>Mechanical testing of metals</b>			<b>JTC 1</b>	<b>Information technology</b>	
ISO 24213:2008	Metallic materials – Sheet and strip – Method for springback evaluation in stretch bending	F		ISO/IEC 7811-8: 2008	* Identification cards – Recording technique – Part 8: Magnetic stripe – Coercivity of 51,7 kA/m (650 Oe)	E
<b>TC 172</b>	<b>Optics and photonics</b>			ISO/IEC 9594-1: 2005**	Information technology – Open Systems Interconnection – The Directory: Overview of concepts, models and services – Part 1:	M
ISO 21094:2008	* Optics and photonics – Telescopic systems – Specifications for night vision devices	B		ISO/IEC 9594-10:2005**	Information technology – Open Systems Interconnection – The Directory: Use of systems management for administration of the Directory – Part 10:	W
<b>TC 184</b>	<b>Industrial automation systems and integration</b>			ISO/IEC 9594-7: 2005**	Information technology – Open Systems Interconnection – The Directory: Selected object classes – Part 7:	L
ISO 10303-216: 2003/Cor 1: 2008	* Industrial automation systems and integration – Product data representation and exchange – Part 216: Application protocol: Ship moulded forms – Technical Corrigendum 1	free		ISO/IEC 10646: 2003/Amd 3: 2008	* Information technology – Universal Multiple-Octet Coded Character Set (UCS) – Amendment 3: Lepcha, Ol Chiki, Saurashtra, Vai and other characters	F
<b>TC 195</b>	<b>Building construction machinery and equipment</b>			ISO/IEC 14496-20:2006/ Amd 1:2008	* Information technology – Coding of audio-visual objects – Part 20: Lightweight Application Scene Representation (LASeR) and Simple Aggregation Format (SAF) – Amendment 1: Extensions to support SVGT1.2	Q
ISO 15878:2008	* Road construction and maintenance equipment – Asphalt pavers – Terminology and commercial specifications	P		ISO/IEC 14496-4:2004/ Amd 16:2008	* Information technology – Coding of audio-visual objects – Part 4: Conformance testing – Amendment 16: MPEG-J GFX conformance	XZ
<b>TC 197</b>	<b>Hydrogen technologies</b>			ISO/IEC 15457-1:2008	* Identification cards – Thin flexible cards – Part 1: Physical characteristics	Q
ISO/TS 14687-2:2008	* Hydrogen fuel – Product specification – Part 2: Proton exchange membrane (PEM) fuel cell applications for road vehicles	D		ISO/IEC 15457-3:2008	* Identification cards – Thin flexible cards – Part 3: Test methods	R
<b>TC 199</b>	<b>Safety of machinery</b>			ISO/IEC 21000-8:2008	* Information technology – Multimedia framework (MPEG-21) – Part 8: Reference software	X
ISO 13857:2008	Safety of machinery – Safety distances to prevent hazard zones being reached by upper and lower limbs	J		ISO/IEC 23001-1:2006/ Amd 2:2008	* Information technology – MPEG systems technologies – Part 1: Binary MPEG format for XML – Amendment 2: Conservation of prefixes and extensions on encoding of wild cards	L
<b>TC 211</b>	<b>Geographic information/Geomatics</b>			ISO/IEC 24713-1:2008	* Information technology – Biometric profiles for interoperability and data interchange – Part 1: Overview of biometric systems and biometric profiles	J
ISO 19128: 2005**	Geographic information – Web map server interface	W				
<b>TC 213</b>	<b>Dimensional and geometrical product specifications and verification</b>					

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## Standards confirmed

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

### **TC 46 Information and documentation**

ISO 10161-1:1997 (reconfirmed)

ISO 10161-2:1997 (reconfirmed)

### **TC 60 Gears**

ISO 701:1998 (reconfirmed)

### **TC 79 Light metals and their alloys**

ISO 5193:1981 (reconfirmed)

ISO 6361-1:1986 (reconfirmed)

ISO 6361-2:1990 (reconfirmed)

ISO 6361-3:1985 (reconfirmed)

ISO 6361-4:1988 (reconfirmed)

ISO 6362-1:1986 (reconfirmed)

ISO 6362-2:1990 (reconfirmed)

ISO 6362-3:2001

ISO 6362-4:1988 (reconfirmed)

ISO 6362-5:2001

ISO 6363-1:1988 (reconfirmed)

ISO 6363-2:1993

ISO 6363-4:1991 (reconfirmed)

ISO 6363-5:1992

ISO 6365-1:1988 (reconfirmed)

ISO 7271:1982 (reconfirmed)

### **TC 131 Fluid power systems**

ISO 5782-1:1997 (reconfirmed)

ISO 5782-2:1997 (reconfirmed)

ISO 16874:2004

ISO 17082:2004

### **TC 172 Optics and photonics**

ISO 8600-3:1997

### **TC 201 Surface chemical analysis**

ISO 17560:2002

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## Standards withdrawn

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Period from 14 February to 03 March 2008

### **TC 130 Graphic technology**

ISO 12649:2004 (replaced by ISO 12643-3:2008)

### **TC 199 Safety of machinery**

ISO 13852:1996 (replaced by ISO 13857:2008)

ISO 13853:1998 (replaced by ISO 13857:2008)

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## Meeting calendar

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(update at 04 March 2008)

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

\* Information definite but meeting not yet formally convened

\*\* Provisional

### **March-April 2008**

31-1	Lysaker (Norway)	TC 44/SC 10	Welding and allied processes/Unification of requirements in the field of metal welding
31-2	Yaan, Si Chuan (China)	TC 34/SC 8	Food products/Tea

### **April 2008**

2-4	Milan (Italy)	TC 22/SC 25	Road vehicles/Vehicles using gaseous fuels
4	Santa María de Lamas (Portugal)	TC 87	Cork
6-11	Geneva (Switzerland)	JTC 1/SC 6	Information technology/Telecommunications and information exchange between systems
6-11	Orlando (USA)	TC 69/SC 4	Applications of statistical methods/Applications of statistical methods in process management
7	Paris (France)	TC 31/SC 8	Tyres, rims and valves/Aircraft tyres and rims
8	Tokyo (Japan)	TC 145/SC 3/TF 1	Graphical symbols/Symbol classification
10	Hamburg (Germany)	TC 104/SC 4	Freight containers/Identification and communication
11	Tokyo (Japan)	TC 145/SC 3/TF 2	Graphical symbols/Variations between ISO 7000 and IEC 60417 and Variations between TC 145/SC 3 and IEC SC 3C registration processes and requirements

14-15 Denton (USA)	TC 44/SC 8	Welding and allied processes/Equipment for gas welding, cutting and allied processes	23	Seoul (Korea, Republic of)	TC 92/SC 4/ TG 2	Fire safety/General principles
14-18 Munich (Germany)	TC 204	Intelligent transport systems	23	Munich (Germany)	TC 172/SC 6	Optics and photonics/ Geodetic and surveying instruments
15 Nanjing (China)	TC 163/SC 1	Thermal performance and energy use in the built environment/Test and measurement methods	23-24	Seoul (Korea, Republic of)	TC 22/SC 9	Road vehicles/Vehicle dynamics and road-holding ability
15 Nanjing (China)	TC 163/SC 3	Thermal performance and energy use in the built environment/Thermal insulation products	23-26	Beijing (China)	TC 226	Materials for the production of primary aluminium
15 Chicago (USA)	TC 195/SC 1	Building construction machinery and equipment/Machinery and equipment for concrete work	24	Seoul (Korea, Republic of)	TC 92/SC 1	Fire safety/Fire initiation and growth
15-18 Chicago (USA)	TC 195	Building construction machinery and equipment	24-25	Suzhou (China)	TC 184/SC 5	Industrial automation systems and integration/ Architecture, communications and integration frameworks
16 Nanjing (China)	TC 163/SC 2	Thermal performance and energy use in the built environment/Calculation methods	25	Seoul (Korea, Republic of)	TC 92 and SC	Fire safety
16-24 Niagara-on-the-Lake (Canada)	TC 147	Water quality	25	Seoul (Korea, Republic of)	TC 92/SC 4	Fire safety/Fire safety engineering
17 Paris (France)	TC 23/SC 6	Tractors and machinery for agriculture and forestry/Equipment for crop protection	28	Orlando (USA)	TC 189	Ceramic tile
17 Nanjing (China)	TC 163	Thermal performance and energy use in the built environment	<b>April-May 2008</b>			
18 New Orleans (USA)	TC 153/SC 1	Valves/Design, manufacture, marking and testing	1-30		** TC 131/SC 7	Fluid power systems/ Sealing devices
19 Seoul (Korea, Republic of)	TC 92/SC 4/ TG 1	Fire safety/Advisory group	<b>May 2008</b>			
21 & 23 La Plaine St-Denis (France)	TC 219	Floor coverings	1-30	Buenos Aires (Argentina)	** TC 28/SC 4	Petroleum products and lubricants/Classifications and specifications
21-22 Kyoto (Japan)	JTC 1/SC 27	Information technology/IT Security techniques	5	Chicago (USA)	** TC 145/SC 1	Graphical symbols/Public information symbols
21-22 New Orleans (USA)	TC 21/SC 2	Equipment for fire protection and fire fighting/Manually transportable fire extinguishers	5-9	Barcelona (Spain)	** TC 31	Tyres, rims and valves
21-24 Seoul (Korea, Republic of)	TC 92/SC 3	Fire safety/Fire threat to people and environment	5-9	Helsinki (Finland)	** TC 34/SC 9	Food products/ Microbiology
21-25 Lincolnshire (United Kingdom)	TC 94/SC 14	Personal safety – Protective clothing and equipment/Fire-fighters' personal equipment	6	Chicago (USA)	** TC 145/SC 2	Graphical symbols/Safety identification, signs, shapes, symbols and colours
22 Clarke County (USA)	TC 117	Industrial fans	6	Houston (USA)	** TC 193/SC 3	Natural gas/Upstream area
23 Milan (Italy)	TC 8/SC 12	Ships and marine technology/Ships and marine technology - Large yachts	7	Chicago (USA)	** TC 145/SC 3	Graphical symbols/ Graphical symbols for use on equipment
			7-9	Istanbul (Turkey)	TC 59/SC 14	Building construction/ Design life
			7-9	Istanbul (Turkey)	TC 59/SC 15	Building construction/ Performance criteria for single family attached and detached dwellings
			8	Istanbul (Turkey)	TC 59/SC 13	Building construction/ Organization of information about construction works
			8	Chicago (USA)	** TC 145	Graphical symbols

10	Istanbul (Turkey)	TC 59	Building construction	20-25	Moscow (Russian Federation)	** JTC 1/SC 7	Information technology/ Software and systems engineering
12	Edinburgh (United Kingdom)	** TC 127/SC 1	Earth-moving machinery/ Test methods relating to machine performance	21	Zurich (Switzerland)	** TC 10/SC 1	Technical product documentation/Basic conventions
12-15	Edinburgh (United Kingdom)	** TC 127	Earth-moving machinery	21-22	Copenhagen (Denmark)	TC 67/SC 2	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Pipeline transportation systems
13	Edinburgh (United Kingdom)	** TC 127/SC 2	Earth-moving machinery/ Safety requirements and human factors	21-23	Seoul (Korea, Republic of)	** TC 223	Societal Security
14	Prague (Czech Republic)	** TC 107/SC 4	Metallic and other inorganic coatings/Hot dip coatings (galvanized, etc.)	21-23	Stockholm (Sweden)	TC 238	Solid biofuels
14	Edinburgh (United Kingdom)	** TC 127/SC 3	Earth-moving machinery/ Operation and maintenance	22	Zurich (Switzerland)	* TC 10/CORG	Coordination group
14-15	Washington, D.C (USA)	TC 5/SC 10	Ferrous metal pipes and metallic fittings/Metallic flanges and their joints	22	Zurich (Switzerland)	** TC 10/SC 6	Technical product documentation/ Mechanical engineering documentation
15	Edinburgh (United Kingdom)	** TC 127/SC 4	Earth-moving machinery/ Commercial nomenclature, classification and rating	22	Zurich (Switzerland)	** TC 10/SC 10	Technical product documentation/Process plant documentation and tpd-symbols
16	Seattle (USA)	** TC 34/SC 2	Food products/ Oleaginous seeds and fruits and oilseed meals	23	Zurich (Switzerland)	** TC 10	Technical product documentation
17	Seattle (USA)	TC 34/SC 11	Food products/Animal and vegetable fats and oils	26-27	Valenciennes (France)	TC 67/SC 5	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Casing, tubing and drill pipe
18-23	Berlin (Germany)	** JTC 1/SC 7	Information technology/ Software and systems engineering	26-28	Charlottenlund (Denmark)	** TC 34/SC 10	Food products/Animal feeding stuffs
18-24		* TC 176	Quality management and quality assurance	26-30	Buenos Aires (Argentina)	** TC 28	Petroleum products and lubricants
19	Zurich (Switzerland)	* TC 10/STAG	Strategic advisory group	26-30	Boras (Sweden)	** TC 43	Acoustics
19-20	Frankfurt (Germany)	TC 67/SC 6	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Processing equipment and systems	26-30	Boras (Sweden)	** TC 43/SC 1	Acoustics/Noise
19-22	Sweden	TC 23/SC 13	Tractors and machinery for agriculture and forestry/Powered lawn and garden equipment	26-30	Boras (Sweden)	TC 43/SC 2	Acoustics/Building acoustics
19-22	Seoul (Korea, Republic of)	** TC 36	Cinematography	26-30	New York (USA)	TC 214	Elevating work platforms
19-23	Stockholm (Sweden)	** TC 46 and SC	Information and documentation	26-30	Bordeaux (France)	* TC 229	Nanotechnologies
19-23	Stockholm (Sweden)	* TC 46/SC 11	Information and documentation/Archives/ records management	26-31	Delft (Netherlands)	** TC 35 and SC	Paints and varnishes
19-30	Sydney (Australia)	** JTC 1/SC 32	Information technology/ Data management and interchange	27-31	Kyoto (Japan)	TC 108/SC 5	Mechanical vibration, shock and condition monitoring/Condition monitoring and diagnostics of machines
20	Sydney (Australia)	TC 225	Market, opinion and social research	28-29	Seoul (Korea, Republic of)	** COPOLCO	Committee on consumer policy
				29-30	Copenhagen (Denmark)	** TC 211	Geographic information/ Geomatics

	Bucarest (Romania)	** TC 172/SC 1	Optics and photonics/ Fundamental standards	9-13 London (United Kingdom)	* TC 121/SC 3	Anaesthetic and respiratory equipment/ Lung ventilators and related equipment
	Berlin (Germany)	** TC 203	Technical energy systems			
<b>May-June 2008</b>						
30-2	Göteborg (Sweden)	TC 215	Health informatics	10-13 Rio de Janeiro (Brazil)	** REMCO	Committee on reference materials
				11-12 Paris (France)	** TC 17/SC 11	Steel/Steel castings
<b>June 2008</b>						
2-3	Helsinki (Finland)	TC 68	Financial services	13 Berlin (Germany)	* TC 192	Gas turbines
2-4	Vancouver (Canada)	TC 212	Clinical laboratory testing and in vitro diagnostic test systems	13-14 Las Vegas (USA)	TC 94/SC 4	Personal safety – Protective clothing and equipment/Personal equipment for protection against falls
4	Hannover (Germany)	TC 123/SC 2	Plain bearings/Materials and lubricants, their properties, characteristics, test methods and testing conditions	15-18 Jordan	* TC 217	Cosmetics
				15-20 Orlando (USA)	TC 85 and SC	Nuclear energy
				15-20 Orlando (USA)	TC 85/SC 2	Nuclear energy/Radiation protection
5	West Conshohocken (Philadelphia) (USA)	TC 119/SC 2	Powder metallurgy/ Sampling and testing methods for powders (including powders for hardmetals)	16-18 Orlando (USA)	TC 85/SC 6	Nuclear energy/Reactor technology
5	West Conshohocken (Philadelphia) (USA)	TC 119/SC 3	Powder metallurgy/ Sampling and testing methods for sintered metal materials (excluding hardmetals)	16-19 Stockholm (Sweden)	TC 241	Project Committee: Road-Traffic Safety Management System
5	West Conshohocken (Philadelphia) (USA)	TC 119/SC 4	Powder metallurgy/ Sampling and testing methods for hardmetals	19 Orlando (USA)	TC 85/SC 5	Nuclear energy/Nuclear fuel technology
5	Hannover (Germany)	TC 123/SC 3	Plain bearings/ Dimensions, tolerances and construction details	19-20 Calgary (Canada)	** TC 67/SC 4	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries/ Drilling and production equipment
5	Hannover (Germany)	TC 123/SC 5	Plain bearings/Quality analysis and assurance	21-28 Bogota (Colombia)	* TC 207/SC 7	Environmental management/Green house gas management and related activities
5	London (United Kingdom)	TC 131/SC 6	Fluid power systems/ Contamination control	21-29 Bogota (Colombia)	** TC 207 and SC	Environmental management
6	Nürnberg (Germany)	** TC 44/SC 12	Welding and allied processes/Soldering materials	23 Tsukuba (Japan)	** TC 20/SC 13	Aircraft and space vehicles/Space data and information transfer systems
6	West Conshohocken (Philadelphia) (USA)	TC 119	Powder metallurgy	23-27 Monterey/Carmel (USA)	* JTC 1/SC 24	Information technology/ Computer graphics, image processing and environmental data representation
6	Hannover (Germany)	TC 123/SC 6	Plain bearings/Terms and common items	25-26 Prague (Czech Republic)	** TC 159/SC 3	Ergonomics/ Anthropometry and biomechanics
8-15	Kuala Lumpur (Malaysia)	** TC 96	Cranes	27 Calgary (Canada)	** TC 67/EC/MC	Executive committee and Management committee
9-11	Berlin (Germany)	TC 172/SC 9	Optics and photonics/ Electro-optical systems	1-31 Spain	** TC 234	Fisheries and aquaculture
9-13	Böblingen (Germany)	** JTC 1/SC 28	Information technology/ Office equipment	Seoul (Korea, Republic of)	** TC 6	Paper, board and pulps
9-13	London (United Kingdom)	* TC 121 and SC	Anaesthetic and respiratory equipment			

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
Frankfurt (Germany)	** TC 115/SC 2	Pumps/Methods of measurement and testing

### July 2008

4	Austria	** TC 44/SC 6	Welding and allied processes/Resistance welding
15	Berlin (Germany)	** TC 44/SC 9	Welding and allied processes/Health and safety
15	Berlin (Germany)	** TC 44/SC 10	Welding and allied processes/Unification of requirements in the field of metal welding
15-16	Berlin (Germany)	** TC 44/SC 3	Welding and allied processes/Welding consumables
16	Berlin (Germany)	** TC 44/SC 7	Welding and allied processes/ Representation and terms
17-18	Berlin (Germany)	TC 44	Welding and allied processes
21-25	Kuala Lumpur (Malaysia)	* TC 218	Timber
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
	Korea, Republic of	** JTC 1/SC 37	Information technology/ Biometrics
	Spain	** TC 134	Fertilizers and soil conditioners

### August 2008

11-15	Moscow (Russian Federation)	* TC 37 and SC	Terminology and other language and content resources
26-31	Shanghai (China)	** TC 135/SC 7	Non-destructive testing/ Personnel qualification
26-31	Shanghai (China)	** TC 135/SC 8	Non-destructive testing/ Infrared thermography for non-destructive testing
26-31	Shanghai (China)	** TC 135/SC 9	Non-destructive testing/ Acoustic emission testing

### Months unknown 2008

USA	** TC 51	Pallets for unit load method of materials handling
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