


UPDATE STANDARDS



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Occupational health and safety
management – requirements
with guidance for use

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Welcome to Update Standards

In these pages you'll find details of new, revised, draft and withdrawn standards and publications from the last month.

Update Standards is changing in the next few months. We would like our Members to have their say on this development to ensure we deliver standards information in the best way possible. Stay tuned for details.



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Fire and Construction Industry Conference

10 April 2018, London

Our Fire and Construction Industry Conference is the must-attend event filled with the latest fire safety updates and an insight into the standardization within the fire safety sector. Speakers from all aspects of the fire safety community will provide cutting edge opinions and commentary on the major issues facing the industry today.

By attending the conference you will:

- Gain an in-depth understanding of the forthcoming changes to key fire safety standards and hear about the impact they will have on you, your organization, and the fire safety industry
- Understand how standards development encourages best practice
- Enhance your knowledge about fire safety and ensure that you have successful fire safety practices in place

Key speakers include Dame Judith Hackitt, DBE, (FREng, FICChemE, FCGI) former Chair of the UK Health and Safety Executive, and Neil O'Connor, Director at the Ministry of Housing, Communities and Local Government (MHCLG).

To book your place at this Conference please visit:

bsigroup.com/USFireConf2018

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26 April 2018, London

28 November 2018, London

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Eurocodes in the post Brexit world

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BS ISO/IEC 27552 will be applicable to all types and sizes of organizations, including public and private companies, government entities and not-for-profit organizations, responsible for controlling or processing Personal Identifiable Information (PII) within an ISMS.



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Mechanically operated push button locksets. Requirements and test methods

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Aerospace series. Connectors, coaxial, radio frequency. Type 2, TNC interface. Crimp version. Right angle plug. Product standard

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Corrigendum, February 2018

BS EN 15316-4-2:2017

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RHE/24

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Sealants for non-structural use in joints in buildings and pedestrian walkways. Sealants for pedestrian walkways

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B/547

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Corrigendum, February 2018

BS EN 60384-8:2015

Fixed capacitors for use in electronic equipment. Sectional specification: Fixed capacitors of ceramic dielectric, Class 1
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EPL/40X

Corrigendum, March 2018

BS EN 61000-6-5:2015

Electromagnetic compatibility (EMC). Generic standards. Immunity for equipment used in power station and substation environment
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GEL/210

Corrigendum, March 2018

BS EN 61169-58:2016

Radio-frequency connectors. Sectional specification for RF coaxial connectors with blind-mate coupling. Characteristic impedance 50 Ω (type SBMA)

£85.00 members, £170.00 non-members

EPL/46

Corrigendum, March 2018

BS EN 62788-1-5:2016

Measurement procedures for materials used in photovoltaic modules. Encapsulants. Measurement of change in linear dimensions of sheet encapsulation material resulting from applied thermal conditions

£61.00 members, £122.00 non-members

GEL/82

Corrigendum, February 2018

BS EN 62838:2016

LEDs lamps for general lighting services with supply voltages not exceeding 50 V a.c. r.m.s. or 120 V ripple free d.c. Safety specifications
£61.00 members, £122.00 non-members

CPL/34/1

Corrigendum, March 2018

BS EN 62927:2017

Voltage sourced converter (VSC) valves for static synchronous compensator (STATCOM). Electrical Testing

£99.00 members, £198.00 non-members

PEL/22

Corrigendum, March 2018

BS EN 63029:2017

Audio, video and multimedia systems and equipment. Multimedia e-publishing and e-book technologies. Rastergraphics image-based e-books

£85.00 members, £170.00 non-members

EPL/100

Corrigendum, March 2018

UPDATED BRITISH STANDARDS

The following standards have been amended and the amendments have been incorporated into an updated standard.

NOTE: Updated British Standards must be reordered as the amendments are not available separately.

BS 1363-1:2016+A1:2018

13 A plugs, socket-outlets, adaptors and connection units. Specification for rewirable and non-rewirable 13 A fused plugs

£127.00 members, £254.00 non-members

PEL/23

Amendment, February 2018

BS 1363-2:2016+A1:2018

13 A plugs, socket-outlets, adaptors and connection units. Specification for 13 A switched and unswitched socket-outlets

£127.00 members, £254.00 non-members

PEL/23

Amendment, February 2018

BS 1363-3:2016+A1:2018

13 A plugs, socket-outlets, adaptors and connection units. Specification for adaptors

£136.00 members, £272.00 non-members

PEL/23

Amendment, February 2018

BS 1363-4:2016+A1:2018

13 A plugs, socket-outlets, adaptors and connection units. Specification for 13 A fused connection units switched and unswitched

£119.00 members, £238.00 non-members

PEL/23

Amendment, February 2018

BS 5534:2014+A2:2018

Slating and tiling for pitched roofs and vertical cladding. Code of practice

£159.00 members, £318.00 non-members

B/542/1

Amendment, February 2018

BS EN 748:2013+A1:2018

Playing field equipment. Football goals. Functional and safety requirements, test methods

£61.00 members, £122.00 non-members

SW/136/22

Amendment, February 2018

BS EN IEC 60809:2015+A2:2018

Lamps for road vehicles. Dimensional, electrical and luminous requirements

£136.00 members, £272.00 non-members

CPL/34/1

Amendment, March 2018

BS EN 1860-1:2013+A1:2017

Appliances, solid fuels and firelighters for barbecuing. Barbecues burning solid fuels. Requirements and test methods

£112.00 members, £224.00 non-members

RHE/28/1

Amendment, March 2018

BS EN 1993-4-2:2007+A1:2017

Eurocode 3. Design of steel structures. Tanks

£119.00 members, £238.00 non-members

CB/203

Amendment, February 2018

BS EN 10270-1:2011+A1:2017

Steel wire for mechanical springs. Patented cold drawn unalloyed spring steel wire

£99.00 members, £198.00 non-members

ISE/106

Amendment, February 2018

BS EN ISO 10555-1:2013+A1:2017

Intravascular catheters. Sterile and single-use catheters. General requirements

£99.00 members, £198.00 non-members

CH/84

Amendment, March 2018

BS EN ISO 11378-2:2001+A1:2017

Textile floor coverings. Laboratory soiling tests. Drum test

£85.00 members, £170.00 non-members

PRI/3

Amendment, February 2018

BS EN ISO 13141:2015+A1:2017

Electronic fee collection. Localisation augmentation communication for autonomous systems

£99.00 members, £198.00 non-members

EPL/278

Amendment, February 2018

BS EN ISO 14044:2006+A1:2018

Environmental management. Life cycle assessment. Requirements and guidelines

£119.00 members, £238.00 non-members

SES/1/5

Amendment, March 2018

BS EN ISO 14889:2013+A1:2017

Ophthalmic optics. Spectacle lenses. Fundamental requirements for uncut finished lenses

£61.00 members, £122.00 non-members

CH/172/3

Amendment, February 2018

BS EN 14915:2013+A1:2017

Solid wood panelling and cladding.
Characteristics, requirements and marking
£85.00 members, £170.00 non-members

B/543

Amendment, February 2018

BS EN ISO 15798:2013+A1:2017

Ophthalmic implants. Ophthalmic viscosurgical devices

£85.00 members, £170.00 non-members

CH/172/7

Amendment, February 2018

BS EN ISO 17100:2015+A1:2017

Translation services. Requirements for translation services

£85.00 members, £170.00 non-members

TS/1

Amendment, February 2018

BS EN ISO 20126:2012+A1:2018

Dentistry. Manual toothbrushes. General requirements and test methods

£61.00 members, £122.00 non-members

CH/106/7

Amendment, March 2018

BS EN 50180-3:2015+A1:2017

Bushings above 1 kV up to 52 kV and from 250 A to 3,15 kA for liquid filled transformers. Requirements for bushing fixations

£61.00 members, £122.00 non-members

PEL/36

Amendment, March 2018

BS EN 50341-2-13:2017+A1:2017

Overhead electrical lines exceeding AC 1 kV. National Normative Aspects (NNA) for ITALY (based on EN 50341-1:2012)

£112.00 members, £224.00 non-members

PEL/11

Amendment, March 2018

BS EN 50343:2014+A1:2017

Railway applications. Rolling stock. Rules for installation of cabling

£127.00 members, £254.00 non-members

GEL/9/2

Amendment, March 2018

BS EN 55016-1-6:2015+A1:2017

Specification for radio disturbance and immunity measuring apparatus and methods. Radio disturbance and immunity measuring apparatus. EMC antenna calibration

£159.00 members, £318.00 non-members

GEL/210/11

Amendment, March 2018

BS EN 60081:1998+A6:2017

Double-capped fluorescent lamps. Performance specifications

£191.00 members, £382.00 non-members

CPL/34/1

Amendment, March 2018

BS EN 60747-16-3:2002+A2:2017

Semiconductor devices. Microwave integrated circuits. Frequency converters

£112.00 members, £224.00 non-members

EPL/47

Amendment, February 2018

BS EN 60747-16-4:2004+A2:2017

Semiconductor devices. Microwave integrated circuits. Switches

£112.00 members, £224.00 non-members

EPL/47

Amendment, March 2018

BS EN 60811-508:2012+A1:2017

Electric and optical fibre cables. Test methods for non-metallic materials. Mechanical tests. Pressure test at high temperature for insulation and sheaths

£61.00 members, £122.00 non-members

GEL/20/17

Amendment, February 2018

BS EN 60811-509:2012+A1:2017

Electric and optical fibre cables. Test methods for non-metallic materials. Mechanical tests. Test for resistance of insulations and sheaths to cracking (heat shock test)

£61.00 members, £122.00 non-members

GEL/20/17

Amendment, February 2018

BS EN 61000-4-5:2014+A1:2017

Electromagnetic compatibility (EMC). Testing and measurement techniques. Surge immunity test

£127.00 members, £254.00 non-members

GEL/210/11

Amendment, February 2018

BS EN 61347-2-3:2011+A1:2017

Lamp control gear. Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps

£119.00 members, £238.00 non-members

CPL/34/3

Amendment, March 2018

BS EN 61511-1:2017+A1:2017

Functional safety. Safety instrumented systems for the process industry sector. Framework, definitions, system, hardware and application programming requirements

£127.00 members, £254.00 non-members

GEL/65/1

Amendment, February 2018

BS EN 61672-2:2013+A1:2017

Electroacoustics. Sound level meters. Pattern evaluation tests

£112.00 members, £224.00 non-members

EPL/29

Amendment, March 2018

BS EN 61954:2011+A2:2017

Static var compensators (SVC). Testing of thyristor valves

£119.00 members, £238.00 non-members

PEL/22

Amendment, March 2018

BS EN 61995-1:2008+A1:2017

Devices for the connection of luminaires for household and similar purposes. General requirements

£119.00 members, £238.00 non-members

PEL/23

Amendment, March 2018

BS EN 62442-2:2014+A11:2017

Energy performance of lamp controlgear. Controlgear for high intensity discharge lamps (excluding fluorescent lamps). Method of measurement to determine the efficiency of the controlgear

£61.00 members, £122.00 non-members

CPL/34/3

Amendment, March 2018

BS EN 62501:2009+A2:2017

Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission. Electrical testing

£119.00 members, £238.00 non-members

PEL/22

Amendment, March 2018

BS EN 62606:2013+A1:2017

General requirements for arc fault detection devices

£159.00 members, £318.00 non-members

PEL/23/1

Amendment, March 2018

BS EN 62841-3-6:2014+A11:2017

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for transportable diamond drills with liquid system

£85.00 members, £170.00 non-members

CPL/116

Amendment, March 2018

BS ISO 817:2014+A1:2017

Refrigerants. Designation and safety classification

£119.00 members, £238.00 non-members

RHE/18

Amendment, February 2018

BS ISO 4359:2013+A1:2017

Flow measurement structures. Rectangular, trapezoidal and U-shaped flumes

£127.00 members, £254.00 non-members

CPI/113/2

Amendment, February 2018

BS ISO 13105-2:2014+A1:2017

Building construction machinery and equipment. Machinery for concrete surface floating and finishing. Safety requirements and verification

£61.00 members, £122.00 non-members

B/513

Amendment, February 2018

BS ISO/IEC 15693-3:2009+A4:2017

Identification cards. Contactless integrated circuit cards. Vicinity cards. Anticollision and transmission protocol

£127.00 members, £254.00 non-members

IST/17

Amendment, March 2018

BS ISO 21210:2012+A1:2017

Intelligent transport systems. Communications access for land mobiles (CALM). IPv6 Networking

£85.00 members, £170.00 non-members

EPL/278

Amendment, February 2018

PD CISPR/TR 16-4-4:2007+A1:2017

Specification for radio disturbance and immunity measuring apparatus and methods. Uncertainties, statistics and limit modelling. Statistics of complaints and a model for the calculation of limits for the protection of radio services

£127.00 members, £254.00 non-members

GEL/210/11

Amendment, March 2018

BRITISH STANDARDS REVIEWED AND CONFIRMED

It is BSI policy for every standard to be reviewed by the technical committee responsible not more than five years after publication, to establish whether it is still current and, if it is not, to identify and set in hand appropriate action.

Confirmation indicates the continuing currency of a standard.

Where any standard in this list has been amended since publication, confirmation includes all amendments published to date. Reference to a particular amendment indicates that it is published concurrently with the confirmation.

BS EN 241:2000

(BS 2000-464:2001)

Methods of test for petroleum and its products. Liquid petroleum products. Determination of sodium content. Atomic absorption spectrometric method

PTI/13

BS EN ISO 665:2000

(BS 4289-3:2000)

Oilseeds. Determination of moisture and volatile matter content

AW/307

BS EN 892:2012+A1:2016

Mountaineering equipment. Dynamic mountaineering ropes. Safety requirements and test methods

SW/136/5

BS EN 1482-1:2007

Fertilizers and liming materials. Sampling and sample preparation. Sampling

CII/37

BS EN 1482-2:2007

Fertilizers and liming materials. Sampling and sample preparation. Sample preparation

CII/37

BS EN ISO 3661:2010

End-suction centrifugal pumps. Baseplate and installation dimensions

MCE/6

BS EN ISO 7840:2013

Small craft. Fire-resistant fuel hoses

GME/33

BS EN ISO 8469:2013

Small craft. Non-fire-resistant fuel hoses

GME/33

BS EN ISO 8795:2001

Plastics piping systems for the transport of water intended for human consumption. Migration assessment. Determination of migration values of plastics pipes and fittings and their joints

PR1/88/4

BS EN ISO 9080:2012

Plastics piping and ducting systems. Determination of the long-term hydrostatic strength of thermoplastics materials in pipe form by extrapolation

PR1/88/4

BS EN ISO 11747:2012

Rice. Determination of rice kernel resistance to extrusion after cooking

AW/4

BS EN ISO 12211:2012

Petroleum, petrochemical and natural gas industries. Spiral plate heat exchangers

PSE/17/-/6

BS EN 12266-1:2012

Industrial valves. Testing of metallic valves. Pressure tests, test procedures and acceptance criteria. Mandatory requirements

PSE/18/1

BS EN 12385-2:2002+A1:2008

Steel wire ropes. Safety. Definitions, designation and classification

MHE/2

BS EN 12385-4:2002+A1:2008

Steel wire ropes. Safety. Stranded ropes for general lifting applications

MHE/2

BS EN 12516-3:2002

Valves. Shell design strength. Experimental method

PSE/18/1

BS EN 13036-3:2002

Road and airfield surface characteristics. Test methods. Measurement of pavement surface horizontal drainability

B/510/5

BS EN 13248:2002

Cookware. Coffee makers for domestic use with an independent heat source. Definitions, requirements and test methods

CW/9

BS EN 13286-3:2003

Unbound and hydraulically bound mixtures. Test methods for laboratory reference density and water content. Vibrocompression with controlled parameters

B/510

BS EN 13286-4:2003

Unbound and hydraulically bound mixtures. Test methods for laboratory reference density and water content. Vibrating hammer

B/510/4

BS EN 13286-5:2003

Unbound and hydraulically bound mixtures. Test methods for laboratory reference density and water content. Vibrating table

B/510/4

BS EN 13286-40:2003

Unbound and hydraulically bound mixtures. Test method for determination of the direct tensile strength of hydraulically bound mixtures

B/510/4

BS EN 13286-42:2003

Unbound and hydraulically bound mixtures. Test method for the determination of the indirect tensile strength of hydraulically bound mixtures

B/510/4

BS EN 13286-46:2003

Unbound and hydraulically bound mixtures. Test method for the determination of the moisture condition value

B/510/4

BS EN 13528-3:2003

Ambient air quality. Diffusive samplers for the determination of concentrations of gases and vapours. Requirements and test methods. Guide to selection, use and maintenance

EH/2/3

BS EN 13723:2002

(BS 2000-489:2002)

Methods of test for petroleum and its products. Petroleum products. Determination of low lead contents in gasolines. Wavelength-dispersive X-ray fluorescence spectrometry (XRF)

PTI/13

BS EN 13750:2002

Domestic water kettles for use on top of stove, cooker or hob. Requirements and test methods

CW/9

BS EN 13863-4:2012

Concrete pavements. Test methods for the determination of wear resistance of concrete pavements to studded tyres

B/510/3

BS EN ISO 13968:2008

Plastics piping and ducting systems. Thermoplastics pipes. Determination of ring flexibility

PR1/88/4

BS EN 14123:2007

Foodstuffs. Determination of aflatoxin B1 and the sum of aflatoxin B1, B2, G1 and G2 in hazelnuts, peanuts, pistachios, figs, and paprika powder. High performance liquid chromatographic method with post-column derivatisation and immunoaffinity column cleanup

AW/275

BS EN 14211:2012

Ambient air. Standard method for the measurement of the concentration of nitrogen dioxide and nitrogen monoxide by chemiluminescence

EH/2/3

BS EN 14625:2012

Ambient air. Standard method for the measurement of the concentration of ozone by ultraviolet photometry

EH/2/3

BS EN 14626:2012

Ambient air. Standard method for the measurement of the concentration of carbon monoxide by non-dispersive infrared spectroscopy

EH/2/3

BS EN ISO 14732:2013

Welding personnel. Qualification testing of welding operators and weld setters for mechanized and automatic welding of metallic materials

WEE/36

BS EN 15081:2007

Industrial valves. Mounting kits for part-turn valve actuator attachment

PSE/18/5

BS EN 15111:2007

Foodstuffs. Determination of trace elements. Determination of iodine by ICP-MS (inductively coupled plasma mass spectrometry)

AW/275

BS EN 15151-1:2012

Mountaineering equipment. Braking devices. Braking devices with manually assisted locking, safety requirements and test methods

SW/136/5

BS EN 15151-2:2012

Mountaineering equipment. Braking devices. Manual braking devices, safety requirements and test methods

SW/136/5

BS EN 15197:2007

Wood-based panels. Flaxboards. Specifications

B/541

BS EN 15234-2:2012

Solid biofuels. Fuel quality assurance. Wood pellets for non-industrial use

PTI/17

BS EN 15234-3:2012

Solid biofuels. Fuel quality assurance. Wood briquettes for non-industrial use

PTI/17

BS EN 15234-4:2012

Solid biofuels. Fuel quality assurance. Wood chips for non-industrial use

PTI/17

BS EN 15234-5:2012

Solid biofuels. Fuel quality assurance. Firewood for non-industrial use

PTI/17

BS EN 15234-6:2012

Solid biofuels. Fuel quality assurance. Non-woody pellets for non-industrial use

PTI/17

BS EN 15445:2008

Fugitive and diffuse emissions of common concern to industry sectors. Qualification of fugitive dust sources by reverse dispersion modelling

EH/2/1

BS EN 15446:2008

Fugitive and diffuse emissions of common concern to industry sectors. Measurement of fugitive emission of vapours generating from equipment and piping leaks

EH/2/1

BS EN 15469:2007

Petroleum products. Test method for free water in liquefied petroleum gas by visual inspection

PTI/15

BS EN 15875:2011

Characterisation of waste. Static test for determination of acid potential and neutralisation potential of sulfidic waste

B/508/3

BS EN 16094:2012

Laminate floor coverings. Test method for the determination of micro-scratch resistance

PRI/3

BS EN 16155:2012

Foodstuffs. Determination of sucralose. High performance liquid chromatographic method

AW/275

BS EN 16204:2012

Foodstuffs. Determination of lipophilic algal toxins (okadaic acid group toxins, yessotoxins, azaspiracids, pectenotoxins) in shellfish and shellfish products by LC-MS/MS

AW/275

BS EN ISO 16610-61:2015

Geometrical product specification (GPS). Filtration. Linear areal filters. Gaussian filters

TDW/4

BS EN ISO 19901-7:2013

Petroleum and natural gas industries. Specific requirements for offshore structures. Stationkeeping systems for floating offshore structures and mobile offshore units

B/525/12

BS ISO 614:2012

Ships and marine technology. Toughened safety glass panes for rectangular windows and side scuttles. Punch method of non-destructive strength testing

SME/32

BS ISO 666:2012

Machine tools. Mounting of grinding wheels by means of hub flanges

MTE/13

BS ISO 1751:2012

Ships and marine technology. Ships side scuttles

SME/32

BS ISO 2230:2002

Rubber products. Guidelines for storage

PRI/73

BS ISO 3903:2012

Ships and marine technology. Ships ordinary rectangular windows

SME/32

BS ISO 9852:2007

Unplasticized poly(vinyl chloride) (PVC-U) pipes. Dichloromethane resistance at specified temperature (DCMT). Test method

PRI/88/4

BS ISO 10987:2012

Earth-moving machinery. Sustainability. Terminology, sustainability factors and reporting

B/513/1

BS ISO 11485-1:2011

Glass in building. Curved glass. Terminology and definitions

B/520

BS ISO 11485-2:2011

Glass in building. Curved glass. Quality requirements

B/520

BS ISO 11505:2012

Surface chemical analysis. General procedures for quantitative compositional depth profiling by glow discharge optical emission spectrometry

CII/60

BS ISO 12188-2:2012

Tractors and machinery for agriculture and forestry. Test procedures for positioning and guidance systems in agriculture. Testing of satellite-based auto-guidance systems during straight and level travel

AGE/6

To order visit

www.bsigroup.com/shop

BS ISO 12611:2004

Cinematography. Audio head tones for use in international exchange of 35 mm analogue magnetic film masters. Specifications and location

CPW/36

BS ISO 12991:2012

Liquefied natural gas (LNG). Tanks for on-board storage as a fuel for automotive vehicles

PVE/18

BS ISO 13008:2012

Information and documentation. Digital records conversion and migration process

IDT/2/17

BS ISO 13613:2011

Ships and marine technology. Maintenance and testing to reduce losses in critical systems for propulsion

SME/32

BS ISO 13953:2001

Polyethylene (PE) pipes and fittings. Determination of the tensile strength and failure mode of test pieces from a butt-fused joint

PR/88

BS ISO 14603:2012

Fine ceramics (advanced ceramics, advanced technical ceramics). Test method for open-hole tension of continuous fibre-reinforced ceramic matrix composites at room temperature

RPI/13

BS ISO 15442:2012+A1:2015

Cranes. Safety requirements for loader cranes

MHE/3/5

BS ISO 15790:2004

Graphic technology and photography. Certified reference materials for reflection and transmission metrology. Documentation and procedures for use, including determination of combined standard uncertainty

PAI/43

BS ISO 16900-3:2012

Respiratory protective devices. Methods of test and test equipment. Determination of particle filter penetration

PH/4

BS ISO 24631-7:2012

Radiofrequency identification of animals. Synchronization of ISO 11785 identification systems

AGE/6/1

PD CEN ISO/TS 16775:2014

Packaging for terminally sterilized medical devices. Guidance on the application of ISO 11607-1 and ISO 11607-2

CH/198

PD ISO/TS 17182:2014

Soil quality. Determination of some selected phenols and chlorophenols. Gas chromatographic method with mass spectrometric detection

EH/4

BRITISH STANDARDS PROPOSED FOR WITHDRAWAL

A note of any objections to these withdrawals should be sent to Debbie Stead, Head of Committee Service Centre and International Secretariat, BSI Group, 389 Chiswick High Road, London W4 4AL or via email to BSUKoperations.review@bsigroup.com by **31 May 2018**.

Where any standard in this list has been amended since publication, a proposal to withdraw also includes all amendments published to date.

BS ISO 4251-4:2010

Tyres (ply rating marked series) and rims for agricultural tractors and machines. Tyre classification and nomenclature

AUE/4

Withdrawal of International Standard proposed by ISO TC

BS ISO 4381:2011

Plain bearings. Tin casting alloys for multilayer plain bearings

MCE/12

Withdrawal of International Standard proposed by ISO TC

BS ISO 4384-2:2011

Plain bearings. Hardness testing of bearing metals. Solid materials

MCE/12

Withdrawal of International Standard proposed by ISO TC

BRITISH STANDARDS WITHDRAWN

If any standard in this list has been amended since publication, all amendments published to date are also withdrawn

BS 3598:1998

Fissile materials. Criticality safety in handling and processing. Recommendations

NCE/9

Superseded by BS ISO 1709:2018

BS 4361-7:1988

(ISO 7568:1986)

Woodworking machines. Specification for thickness planing machines with rotary cutterblock for one-side dressing

MTE/23

These British Standards have been withdrawn in line with the withdrawal (following a ballot conducted by ISO/TC 39/SC 4) of the base ISO standards

BS 4361-8:1988

(ISO 7569:1986)

Woodworking machines. Specification for planing machines for two-, three- or four-side dressing

MTE/23

These British Standards have been withdrawn in line with the withdrawal (following a ballot conducted by ISO/TC 39/SC 4) of the base ISO standards

BS 4361-9:1988

(ISO 7570:1986)

Woodworking machines. Specification for surface planing and thickening machines

MTE/23

These British Standards have been withdrawn in line with the withdrawal (following a ballot conducted by ISO/TC 39/SC 4) of the base ISO standards

BS 4361-10:1988

(ISO 7571:1986)

Woodworking machines. Specification for surface planing machines with cutterblock for one-side dressing

MTE/23

These British Standards have been withdrawn in line with the withdrawal (following a ballot conducted by ISO/TC 39/SC 4) of the base ISO standards

BS 4361-11:1988

(ISO 7945:1985)

Woodworking machines. Specification for single spindle boring machines

MTE/23

These British Standards have been withdrawn in line with the withdrawal (following a ballot conducted by ISO/TC 39/SC 4) of the base ISO standards

BS 4361-12:1988

(ISO 7946:1985)

Woodworking machines. Specification for slot mortising machines

MTE/23

These British Standards have been withdrawn in line with the withdrawal (following a ballot conducted by ISO/TC 39/SC 4) of the base ISO standards

BS 4361-13:1988

(ISO 7947:1985)

Woodworking machines. Specification for two-, three- and four-side moulding machines

MTE/23

These British Standards have been withdrawn in line with the withdrawal (following a ballot conducted by ISO/TC 39/SC 4) of the base ISO standards

BS 4361-15:1988

(ISO 7949:1985)

Woodworking machines. Specification for veneer pack edge shears

MTE/23

These British Standards have been withdrawn in line with the withdrawal (following a ballot conducted by ISO/TC 39/SC 4) of the base ISO standards

BS 4361-16:1988

(ISO 7950:1985)

Woodworking machines. Specification for single chain mortising machines

MTE/23

*These British Standards have been withdrawn in line with the withdrawal (following a ballot conducted by ISO/TC 39/SC 4) of the base ISO standards***BS 4361-21:1989**

(ISO 7987:1985)

Woodworking machines. Specification for turning lathes

MTE/23

*These British Standards have been withdrawn in line with the withdrawal (following a ballot conducted by ISO/TC 39/SC 4) of the base ISO standards***BS 4971:2002**

Repair and allied processes for the conservation of documents. Recommendations

IDT/2/9

*Superseded by BS 4971:2017***BS 5551-1.3:1984**

(ISO 7409:1984)

Fertilizers. Terminology and labelling. Specification for marking of containers (packages, drums, etc.) and labels

CII/37

*Superseded by BS ISO 7409:2018***BS 5709:2006**

Gaps, gates and stiles. Specification

B/201

*Superseded by BS 5709:2018***BS 5724-2.6:1985**

(IEC 60601-2-6:1984)

Medical electrical equipment. Particular requirements for safety. Specification for microwave therapy equipment

CH/62/4

*Superseded by BS EN 60601-2-6:2015***BS 6043-2.9:2000**

(ISO 12984:2000)

Methods of sampling and test for carbonaceous materials used in aluminium manufacture. Electrode coke. Determination of particle size distribution

CII/24

*Superseded by BS ISO 12984:2018***BS 6200-3.34.4:1985**

(ISO 6467:1980)

Sampling and analysis of iron, steel and other ferrous metals. Methods of analysis. Determination of vanadium. Ferrovandium: potentiometric method

ISE/102

*Superseded by BS ISO 6467:2018***BS 6347-2:1983**

(ISO 789-2:1983)

Performance assessment of agricultural tractors. Methods for determination of hydraulic power and lifting capacity

AGE/6

*Superseded by BS ISO 789-2:2018***BS 8572:2011**

Procurement of facility-related services. Guide

FMW/1

*Superseded by BS 8572:2018***BS 18004:2008**

Guide to achieving effective occupational health and safety performance

HS/1

*Superseded by BS 45002-0:2018***BS EN 131-3:2007**

Ladders. User instructions

B/512

*Superseded by BS EN 131-3:2018***BS EN ISO 389-1:2000**

Acoustics. Reference zero for the calibration of audiometric equipment. Reference equivalent threshold sound pressure levels for pure tones and supra-aural earphones

EH/1/1

*Superseded by BS EN ISO 389-1:2018***BS EN 477:1999**

Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors. Determination of the resistance to impact of main profiles by falling mass

B/538/1

*Superseded by BS EN 477:2018***BS EN 478:1999**

Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors. Appearance after exposure at 150°C. Test method

B/538/1

*Superseded by BS EN 478:2018***BS EN 479:1999**

Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors. Determination of heat reversion

B/538/1

*Superseded by BS EN 479:2018***BS EN 514:2000**

Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors. Determination of the strength of welded corners and T-joints

B/538/1

*Superseded by BS EN 514:2018***BS EN 692:2005+A1:2009**

Machine tools. Mechanical presses. Safety

MTE/1

*Superseded by BS EN ISO 16092-1:2018***BS EN 736-1:1995**

Valves. Terminology. Definition of types of valves

PSE/18/1

*Superseded by BS EN 736-1:2018***BS EN 752:2008**

Drain and sewer systems outside buildings

B/505

*Superseded by BS EN 752:2017***BS EN ISO 945-1:2008**

Microstructure of cast irons. Graphite classification by visual analysis

ISE/111

*Superseded by BS EN ISO 945-1:2018***BS EN ISO/IEC 13818-1:1997**

Information technology. Generic coding of moving pictures and associated audio information. Systems

IST/37

*This standard is withdrawn following the European Standard withdrawn by CEN***BS EN 1037:1995+A1:2008**

Safety of machinery. Prevention of unexpected start-up

MCE/3

*Superseded by BS EN ISO 14118:2018***BS EN 1116:2004**

Kitchen furniture. Co-ordinating sizes for kitchen furniture and kitchen appliances

FW/0/2

*Superseded by BS EN 1116:2018***BS EN 1568-1:2008**

Fire extinguishing media. Foam concentrates. Specification for medium expansion foam concentrates for surface application to water-immiscible liquids

FSH/18/7

*Superseded by BS EN 1568-1:2018***BS EN 1568-4:2008**

Fire extinguishing media. Foam concentrates. Specification for low expansion foam concentrates for surface application to water-miscible liquids

FSH/18/7

*Superseded by BS EN 1568-4:2018***BS EN 1646-1:2012**

Leisure accommodation vehicles. Motor caravans. Habitation requirements relating to health and safety

B/511

*Superseded by BS EN 1646-1:2018***BS EN 1794-1:2011**

Road traffic noise reducing devices. Non-acoustic performance. Mechanical performance and stability requirements

B/509/6

*Superseded by BS EN 1794-1:2018***BS EN 1853:1999+A1:2009**

Agricultural machinery. Trailers with tipping body. Safety

AGE/32

*Superseded by BS EN 1853:2017***BS EN ISO 2819:1995**

Metallic coatings on metallic substrates. Electrodeposited and chemically deposited coatings. Review of methods available for testing adhesion

STI/33

Superseded by BS EN ISO 2819:2018

BS EN ISO 2931:2010

Anodizing of aluminium and its alloys. Assessment of quality of sealed anodic oxidation coatings by measurement of admittance

STI/33

Superseded by BS EN ISO 2931:2018

BS EN ISO 3175-1:2010

Textiles. Professional care, drycleaning and wetcleaning of fabrics and garments. Assessment of performance after cleaning and finishing

TCI/82

Superseded by BS EN ISO 3175-1:2018

BS EN ISO 3175-2:2010

Textiles. Professional care, drycleaning and wetcleaning of fabrics and garments. Procedure for testing performance when cleaning and finishing using tetrachloroethene

TCI/82

Superseded by BS EN ISO 3175-2:2018

BS EN ISO 3175-3:2003

Textiles. Professional care, drycleaning and wetcleaning of fabrics and garments. Procedure for testing performance when cleaning and finishing using hydrocarbon solvent

TCI/82

Superseded by BS EN ISO 3175-3:2018

BS EN ISO 3822-3:1997+A1:2009

Acoustics. Laboratory tests on noise emission from appliances and equipment used in water supply installations. Mounting and operating conditions for in-line valves and appliances

EH/1/4

Superseded by BS EN ISO 3822-3:2018

BS EN ISO 3887:2003

Steels. Determination of depth of decarburization

ISE/101/7

Superseded by BS EN ISO 3887:2018

BS EN ISO 4545-4:2005

Metallic materials. Knoop hardness test. Tables of hardness values

ISE/101

Superseded by BS EN ISO 4545-4:2018

BS EN ISO 5165:1998

(BS 2000-41:1998)

Petroleum products. Determination of the ignition quality of diesel fuels. Cetane engine method

PTI/13

Superseded by BS EN ISO 5165:2018

BS EN ISO 6270-1:2001

(BS 3900-F9:2001)

Paints and varnishes. Determination of resistance to humidity. Continuous condensation

STI/10

Superseded by BS EN ISO 6270-1:2018

BS EN ISO 6270-2:2005

(BS 3900-F21:2005)

Paints and varnishes. Determination of resistance to humidity. Procedure for exposing test specimens in condensation-water atmospheres

STI/10

Superseded by BS EN ISO 6270-2:2018

BS EN ISO 6412-1:1995

(BS 308-4.6:1995)

Technical drawings. Simplified representation of pipelines. General rules and orthogonal representation

TDW/4

Superseded by BS EN ISO 6412-1:2018

BS EN ISO 6412-2:1995

(BS 308-4.7:1995)

Technical drawings. Simplified representation of pipelines. Isometric projection

TDW/4

Superseded by BS EN ISO 6412-2:2018

BS EN ISO 6412-3:1996

(BS 308-4.8:1996)

Technical drawings. Simplified representation of pipelines. Terminal features of ventilation and drainage systems

TDW/4

Superseded by BS EN ISO 6412-3:2018

BS EN ISO 7393-2:2000

(BS 6068-2.26:1986)

Water quality. Determination of free chlorine and total chlorine. Colorimetric method using N,N-diethyl-1,4-phenylenediamine for routine control purposes

EH/3

Superseded by BS EN ISO 7393-2:2018

BS EN ISO 7492:1998

Dental explorers

CH/106/4

Superseded by BS EN ISO 7492:2018

BS EN ISO 7599:2010

Anodizing of aluminium and its alloys. General specifications for anodic oxidation coatings on aluminium

STI/33

Superseded by BS EN ISO 7599:2018

BS EN ISO 8028:2000

Rubber and/or plastics hose assemblies for airless paint spraying. Specification

PRI/66

Superseded by BS EN ISO 8028:2018

BS EN ISO 8099:2001

Small craft. Toilet waste retention systems

GME/33

Superseded by BS EN ISO 8099-1:2018

BS EN ISO 8596:2009

Ophthalmic optics. Visual acuity testing. Standard optotype and its presentation

CH/172/6

Superseded by BS EN ISO 8596:2018

BS EN ISO 9017:2013

Destructive tests on welds in metallic materials. Fracture test

WEE/46

Superseded by BS EN ISO 9017:2018

BS EN ISO 10399:2010

Sensory analysis. Methodology. Duo-trio test

AW/12

Superseded by BS EN ISO 10399:2018

BS EN ISO 10582:2012

Resilient floor coverings. Heterogeneous poly(vinyl chloride) floor coverings. Specification

PRI/60

Superseded by BS EN ISO 10582:2018

BS EN ISO 10619-1:2011

Rubber and plastics hoses and tubing. Measurement of flexibility and stiffness. Bending tests at ambient temperature

PRI/66

Superseded by BS EN ISO 10619-1:2018

BS EN ISO 10619-2:2011

Rubber and plastics hoses and tubing. Measurement of flexibility and stiffness. Bending tests at sub-ambient temperatures

PRI/66

Superseded by BS EN ISO 10619-2:2018

BS EN ISO 10960:1997

Rubber and plastic hoses. Assessment of ozone resistance under dynamic conditions

PRI/66

Superseded by BS EN ISO 10960:2018

BS EN ISO 11296-4:2011

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks. Lining with cured-in-place pipes

PRI/88/3

Superseded by BS EN ISO 11296-4:2018

BS EN ISO 11363-1:2010

Gas cylinders. 17E and 25E taper threads for connection of valves to gas cylinders. Specifications

PVE/3

Superseded by BS EN ISO 11363-1:2018

BS EN ISO 11666:2010

Non-destructive testing of welds. Ultrasonic testing. Acceptance levels

WEE/46

Superseded by BS EN ISO 11666:2018

BS EN ISO 11737-1:2006

Sterilization of medical devices. Microbiological methods. Determination of a population of microorganisms on products

CH/198

Superseded by BS EN ISO 11737-1:2018

BS EN ISO 12138:1997

Textiles. Domestic laundering procedures for textile fabrics prior to flammability testing

TCI/82

Superseded by BS EN ISO 12138:2018

BS EN 12440:2008

Natural stone. Denomination criteria

B/545

Superseded by BS EN 12440:2017

BS EN 12480:2015

Gas meters. Rotary displacement gas meters

GSE/25

Superseded by BS EN 12480:2018

BS EN 12691:2006

Flexible sheets for waterproofing. Bitumen, plastic and rubber sheets for roof waterproofing. Determination of resistance to impact

B/546

Superseded by BS EN 12691:2018

BS EN ISO 12944-6:1998

Paints and varnishes. Corrosion protection of steel structures by protective paint systems. Laboratory performance test methods

STI/21

Superseded by BS EN ISO 12944-6:2018

BS EN 13158:2009

Protective clothing. Protective jackets, body and shoulder protectors for equestrian use: For horse riders and those working with horses, and for horse drivers. Requirements and test methods

PH/3/11

Superseded by BS EN 13158:2018

BS EN 13185:2001

Non-destructive testing. Leak testing. Tracer gas method

WEE/46

Superseded by BS EN ISO 20485:2018

BS EN 13192:2002

Non-destructive testing. Leak testing. Calibration of reference leaks for gases

WEE/46

Superseded by BS EN ISO 20486:2018

BS EN 13207:2001

Silage thermoplastic films

PRI/75

Superseded by BS EN 13207:2018

BS EN 13566-2:2005

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks. Lining with continuous pipes

PRI/88/3

Superseded by BS EN ISO 11296-2:2018

BS EN 13588:2008

(BS 2000-522:2008)

Bitumen and bituminous binders. Determination of cohesion of bituminous binders with pendulum test

PTI/13

Superseded by BS EN 13588:2017

BS EN 13655:2002

Plastics. Mulching thermoplastic films for use in agriculture and horticulture

PRI/75

Superseded by BS EN 13655:2018

BS EN ISO 13897:2004

Dentistry. Amalgam capsules

CH/106/4

Superseded by BS EN ISO 13897:2018

BS EN 13900-2:2003

Pigments and extenders. Methods of dispersion and assessment of dispersibility in plastics. Determination of colouristic properties and ease of dispersion in plasticized polyvinyl chloride by two-roll milling

STI/1

Superseded by BS EN ISO 23900-2:2018

BS EN 13900-3:2003

Pigments and extenders. Methods of dispersion and assessment of dispersibility in plastics. Determination of colouristic properties and ease of dispersion of black and colour pigments in polyethylene by two-roll milling

STI/1

Superseded by BS EN ISO 23900-3:2018

BS EN ISO 13918:2008

Welding. Studs and ceramic ferrules for arc stud welding

WEE/-/1

Superseded by BS EN ISO 13918:2018

BS EN ISO 14114:2014

Gas welding equipment. Acetylene manifold systems for welding, cutting and allied processes. General requirements

WEE/18

Superseded by BS EN ISO 14114:2018

BS EN 14460:2006

Explosion resistant equipment

EXL/23

Superseded by BS EN 14460:2018

BS EN ISO 14688-1:2002+A1:2013

Geotechnical investigation and testing. Identification and classification of soil. Identification and description

B/526/3

Superseded by BS EN ISO 14688-1:2018

BS EN ISO 14688-2:2004+A1:2013

Geotechnical investigation and testing. Identification and classification of soil. Principles for a classification

B/526/3

Superseded by BS EN ISO 14688-2:2018

BS EN ISO 14910-1:2013

Plastics. Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion. Designation system and basis for specification

PRI/82

Superseded by BS EN ISO 20029-1:2018

BS EN ISO 14910-2:2013

Plastics. Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion. Preparation of test specimens and determination of properties

PRI/82

Superseded by BS EN ISO 20029-2:2018

BS EN 15004-7:2008

Fixed firefighting systems. Gas extinguishing systems. Physical properties and system design of gas extinguishing systems for IG-01 extinguishant

FSH/18/6

Superseded by BS EN 15004-7:2017

BS EN ISO 15011-4:2006+A1:2008

Health and safety in welding and allied processes. Laboratory method for sampling fume and gases. Fume data sheets

WEE/40

Superseded by BS EN ISO 15011-4:2018

BS EN ISO 15653:2010

Metallic materials. Method of test for the determination of quasistatic fracture toughness of welds

ISE/101/4

Superseded by BS EN ISO 15653:2018

BS EN ISO 15797:2004

Textiles. Industrial washing and finishing procedures for testing of workwear

TCI/82

Superseded by BS EN ISO 15797:2018

BS EN ISO 16484-5:2014

Building automation and control systems (BACS). Data communication protocol

RHE/16

Superseded by BS EN ISO 16484-5:2017

BS EN ISO 17633:2010

Welding consumables. Tubular cored electrodes and rods for gas shielded and non-gas shielded metal arc welding of stainless and heat-resisting steels. Classification

WEE/39

Superseded by BS EN ISO 17633:2018

**Please
do not send
confirmation
of
orders placed by
telephone
as it can lead to
duplication**

BS EN ISO 17836:2004

Thermal spraying. Determination of the deposition efficiency

STI/40

Superseded by BS EN ISO 17836:2017

BS EN ISO 20623:2003

Petroleum and related products. Determination of the extreme-pressure and anti-wear properties of fluids. Four ball method (European conditions)

PTI/13

Superseded by BS EN ISO 20623:2018

BS EN ISO 21533:2003

Dentistry. Reusable cartridge syringes intended for intraligamentary injections

CH/106/4

Superseded by BS EN ISO 21533:2018

BS EN ISO 26304:2011

Welding consumables. Solid wire electrodes, tubular cored electrodes and electrode-flux combinations for submerged arc welding of high strength steels. Classification

WEE/39

Superseded by BS EN ISO 26304:2018

BS EN ISO 28017:2011+A1:2015

Rubber hoses and hose assemblies, wire or textile reinforced, for dredging applications. Specification

PR1/66

Superseded by BS EN ISO 28017:2018

BS EN ISO 28706-3:2011

Vitreous and porcelain enamels. Determination of resistance to chemical corrosion. Determination of resistance to chemical corrosion by alkaline liquids using a hexagonal vessel

STI/36

Superseded by BS EN ISO 28706-3:2018

BS EN 50132-7:2012

Alarm systems. CCTV surveillance systems for use in security applications. Application guidelines

GW/1/10

Superseded by BS EN 62676-4:2015

BS EN 50239:1999

Railway applications. Radio remote control system of traction vehicle for freight traffic

GEL/9

Superseded by BS EN 50239:2018

BS EN 50491-3:2009

General requirements for home and building electronic systems (HBES) and building automation and control systems (BACS). Electrical safety requirements

IST/6

Superseded by BS EN IEC 63044-3:2018

BS EN 50505:2008

Basic standard for the evaluation of human exposure to electromagnetic fields from equipment for resistance welding and allied processes

WEE/29

Superseded by BS EN IEC 62822-3:2018

BS EN 60068-2-52:1996

Environmental testing. Test methods. Tests. Test Kb. Salt mist cyclic (sodium chloride solution)

GEL/104

Superseded by BS EN IEC 60068-2-52:2018

BS EN 60079-30-2:2007

Explosive atmospheres. Electrical resistance trace heating. Application guide for design, installation and maintenance

EXL/31

Superseded by BS EN 60079-30-2:2017

BS EN 60436:2008+A11:2012

(BS EN 50242:2008)

Electric dishwashers for household use. Methods for measuring the performance

CPL/59/1

Superseded by BS EN 50242:2016

BS EN 60601-2-3:1993

(BS 5724-2.3:1992)

Medical electrical equipment. Particular requirements for safety. Specification for short-wave therapy equipment

CH/62/4

Superseded by BS EN 60601-2-3:2015

BS EN 60601-2-8:1998

(BS 5724-2.8:1998)

Medical electrical equipment. Particular requirements for safety. Specification for therapeutic X-ray equipment operating in the range 10 kV to 1 MV

CH/62/3

Superseded by BS EN 60601-2-8:2015

BS EN 60601-2-11:1998

(BS 5724-2.11:1998)

Medical electrical equipment. Particular requirements for the safety. Specification for gamma beam therapy equipment

CH/62/3

Superseded by BS EN 60601-2-11:2015

BS EN 60601-2-17:2004

Medical electrical equipment. Particular requirements for the safety of automatically-controlled brachytherapy afterloading equipment

CH/62/3

Superseded by BS EN 60601-2-17:2015

BS EN 60601-2-24:1998

(BS 5724-2.124:1998)

Medical electrical equipment. Particular requirements for safety. Particular requirements for the safety of infusion pumps and controllers

CH/62/4

Superseded by BS EN 60601-2-24:2015

BS EN 60601-2-26:2003

Medical electrical equipment. Particular requirements for safety. Particular requirements for the safety of electroencephalographs

CH/62/4

Superseded by BS EN 60601-2-26:2015

BS EN 60601-2-33:2010+A11:2011

Medical electrical equipment. Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis

CH/62/2

Superseded by BS EN 60601-2-33:2010+A1:2015

BS EN 60601-2-41:2009+A11:2011

Medical electrical equipment. Particular requirements for basic safety and essential performance of surgical luminaires and luminaires for diagnosis

CH/62/4

Superseded by BS EN 60601-2-41:2009+A1:2015

BS EN 60601-2-47:2001

Medical electrical equipment. Particular requirements for safety. Particular requirements for the safety, including essential performance, of ambulatory electrocardiographic systems

CH/62/4

Superseded by BS EN 60601-2-47:2015

BS EN 60601-2-52:2010

Medical electrical equipment. Particular requirements for basic safety and essential performance of medical beds

CH/62/4

Superseded by BS EN 60601-2-52:2010+A1:2015

BS EN 60728-3:2011

Cable networks for television signals, sound signals and interactive services. Active wideband equipment for cable networks

EPL/100/4

Superseded by BS EN IEC 60728-3:2018

BS EN 60745-2-17:2010

Hand-held motor-operated electric tools. Safety. Particular requirements for routers and trimmers

CPL/116

Superseded by BS EN 62841-2-17:2017 and BS EN 62841-3-9:2015

BS EN 60793-1-45:2003

Optical fibres. Measurement methods and test procedures. Mode field diameter

GEL/86/1

Superseded by BS EN IEC 60793-1-45:2018

BS EN 60793-1-47:2009

Optical fibres. Measurement methods and test procedures. Macrobending loss

GEL/86/1

Superseded by BS EN IEC 60793-1-47:2018

BS EN 60794-1-22:2012

Optical fibre cables. Generic specification. Basic optical cable test procedures. Environmental test methods

GEL/86/1

Superseded by BS EN IEC 60794-1-22:2018

BS EN 60810:2015

Lamps for road vehicles. Performance requirements

CPL/34/1

Superseded by BS EN IEC 60810:2018

BS EN 60947-5-1:2004+A1:2009

Low-voltage switchgear and controlgear. Control/circuit devices and switching elements. Electromechanical control circuit devices

PEL/17

Superseded by BS EN 60947-5-1:2017

BS EN 61010-2-051:2003

Safety requirements for electrical equipment for measurement, control and laboratory use. Particular requirements for laboratory equipment for mixing and stirring

EPL/66

Superseded by BS EN 61010-2-051:2015

BS EN 61010-2-061:2003

Safety requirements for electrical equipment for measurement, control and laboratory use. Particular requirements for laboratory atomic spectrometers with thermal atomization and ionization

EPL/66

Superseded by BS EN 61010-2-061:2015

BS EN 61724:1998

Photovoltaic system performance monitoring. Guidelines for measurement, data exchange and analysis

GEL/82

Superseded by BS EN 61724-1:2017, PD IEC TS 61724-2:2016 and PD IEC TS 61724-3:2016

BS EN 61784-3-13:2010

Industrial communication networks. Profiles. Functional safety fieldbuses. Additional specifications for CPF 13

GEL/65/3

Superseded by BS EN 61784-3-13:2017

BS EN 62024-1:2008

High frequency inductive components. Electrical characteristics and measuring methods. Nanohenry range chip inductor

EPL/51

Superseded by BS EN IEC 62024-1:2018

BS EN 62056-6-2:2016

Electricity metering data exchange. The DLMS/COSEM suite. COSEM interface classes

PEL/13

Superseded by BS EN IEC 62056-6-2:2018

BS EN 62148-1:2002

Fibre optic active components and devices. Package and interface standards. General and guidance

GEL/86/3

Superseded by BS EN IEC 62148-1:2018

BS EN 62220-1:2004

Medical electrical equipment. Characteristics of digital X-ray imaging devices. Determination of the detective quantum efficiency

CH/62/2

Superseded by BS EN 62220-1-1:2015

BS EN 62271-110:2012

High-voltage switchgear and controlgear. Inductive load switching

PEL/17/1

Superseded by BS EN IEC 62271-110:2018

BS EN 62366:2008

Medical devices. Application of usability engineering to medical devices

CH/62/1

Superseded by BS EN 62366:2008+A1:2015

BS EN 62439-3:2012

Industrial communication networks. High availability automation networks. Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR)

GEL/65/3

Superseded by BS EN IEC 62439-3:2018

BS EN 62453-302:2009

Field device tool (FDT) interface specification. Communication profile integration. IEC 61784 CPF 2

GEL/65/3

Superseded by BS EN 62453-302:2017

BS EN 62680-1-3:2016

Universal serial bus interfaces for data and power. Universal Serial Bus interfaces. Common components. USB Type-C™ cable and connector specification

EPL/100

Superseded by BS EN 62680-1-3:2017

BS EN 80601-2-30:2010

Medical electrical equipment. Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers

CH/62/4

Superseded by BS EN 80601-2-30:2010+A1:2015

BS EN ISO 80601-2-55:2011

Medical electrical equipment. Particular requirements for the basic safety and essential performance of respiratory gas monitors

CH/121/1

Superseded by BS EN ISO 80601-2-55:2018

BS ISO 129-1:2004

Technical drawings. Indication of dimensions and tolerances. General principles

TDW/4

Superseded by BS ISO 129-1:2018

BS ISO 1206:2001+A1:2013

Rolling bearings. Needle roller bearings, dimension series 48, 49 and 69. Boundary dimensions and tolerances

MCE/7

Superseded by BS ISO 1206:2018

BS ISO 2910:2007

Cinematography. Screen luminance and chrominance for the projection of motion pictures

CPW/36

Superseded by BS ISO 2910:2018

BS ISO 2974:2016

Diesel engines. 60° female cones for high-pressure fuel injection components

MCE/22

Superseded by BS ISO 2974:2018

BS ISO 6162-2:2012

Hydraulic fluid power. Flange connections with split or one-piece flange clamps and metric or inch screws. Flange connectors, ports and mounting surfaces for use at a pressure of 42 MPa (420 bar), DN 13 to DN 76

MCE/18/-/4

Superseded by BS ISO 6162-2:2018

BS ISO 8528-1:2005

Reciprocating internal combustion engine driven alternating current generating sets. Application, ratings and performance

MCE/14/-/8

Superseded by BS ISO 8528-1:2018

BS ISO 8573-2:2007

Compressed air. Test methods for oil aerosol content

MCE/8/-/3

Superseded by BS ISO 8573-2:2018

BS ISO 9631:2004

Rubber seals. Joint rings for pipelines for hot water supply, drainage and sewerage pipelines up to 110°C. Specifications for the material

PRI/70

Superseded by BS ISO 9631:2018

B™ ISO 10102:2001

Assembly tools for screws and nuts. Double-headed open-ended engineers' wrenches. Length of wrenches and thickness of the heads

MTE/15

Superseded by BS ISO 10102:2018

BS ISO 10104:2001

Assembly tools for screws and nuts. Double-headed, deep offset and modified offset, box wrenches. Length of wrenches and thickness of the heads

MTE/15

Superseded by BS ISO 10104:2018

BS ISO 10258:2015

Copper sulfide concentrates. Determination of copper content. Titrimetric methods

NFE/36

Superseded by BS ISO 10258:2018

BS ISO 10298:2010

Determination of toxicity of a gas or gas mixture

PVE/3/1

Superseded by BS ISO 10298:2018

BS ISO 11532:2012

Aircraft ground equipment. Graphical symbols

ACE/57

Superseded by BS ISO 11532:2018

BS ISO/IEC 12207:2008

Systems and software engineering. Software life cycle processes

IST/15

Superseded by BS ISO/IEC/IEEE 12207:2017

BS ISO 12214:2010

Road vehicles. Direction-of-motion stereotypes for automotive hand controls

AUE/12

Superseded by BS ISO 12214:2018

BS ISO 13772:2009

Forestry machinery. Portable chain-saws. Non-manually actuated chain brake performance

AGE/29

Superseded by BS ISO 13772:2018

BS ISO/TR 13989-1:2000

Calculation of scuffing load capacity of cylindrical, bevel and hypoid gears. Flash temperature method

MCE/5

Superseded by PD ISO/TS 6336-20:2017

BS ISO 15312:2003

Rolling bearings. Thermal speed rating. Calculation and coefficients

MCE/7

Superseded by BS ISO 15312:2018

BS ISO/IEC 15504-3:2004

Information technology. Process assessment. Guidance on performing an assessment

IST/15

Superseded by PD ISO/IEC TS 33030:2017

BS ISO 17266:2002

Cinematography. Multichannel analogue and digital photographic sound and control records on 35 mm motion-picture prints and negatives, and digital sound-control records on 70 mm motion-picture prints and negatives. Position and width dimensions

CPW/36

Superseded by BS ISO 17266:2018

BS ISO 17359:2011

Condition monitoring and diagnostics of machines. General guidelines

GME/21/7

Superseded by BS ISO 17359:2018

BS ISO 18894:2006

Coke. Determination of coke reactivity index (CRI) and coke strength after reaction (CSR)

PTI/16

Superseded by BS ISO 18894:2018

BS ISO/IEC 23001-11:2015+A1:2016

Information technology. MPEG systems technologies. Energy-efficient media consumption (green metadata)

IST/37

This standard is withdrawn due to risk of undeclared IPR

BS ISO/IEC 23008-2:2015+A1:2015

Information technology. High efficiency coding and media delivery in heterogeneous environments. High efficiency video coding

IST/37

This standard is withdrawn due to risk of undeclared IPR

BS ISO 23038:2006

Space systems. Space solar cells. Electron and proton irradiation test methods

ACE/68

Superseded by BS ISO 23038:2018

BS ISO 31000:2009

Risk management. Principles and guidelines

RM/1

Superseded by BS ISO 31000:2018

BS IEC 60076-7:2005

Power transformers. Loading guide for oil-immersed power transformers

PEL/14

Superseded by BS IEC 60076-7:2018

BS IEC TS 61813:2000

Live working. Care, maintenance and in-service testing of aerial devices with insulating booms

PEL/78

Superseded by BS EN 61057:2017

DD CLC/TS 50562:2011

Railway applications. Fixed Installations. Process, measures and demonstration of safety for electric traction systems

GEL/9/3

Superseded by BS EN 50562:2018

DD IEC/TS 62257-8-1:2007

Recommendations for small renewable energy and hybrid systems for rural electrification. Selection of batteries and battery management systems for stand-alone electrification systems. Specific case of automotive flooded lead-acid batteries available in developing countries

GEL/82

Superseded by PD IEC TS 62257-8-1:2018

PD CEN ISO/TS 16401-1:2012

Electronic fee collection. Evaluation of equipment for conformity to ISO/TS 17575-2. Test suite structure and test purposes

EPL/278

Superseded by PD CEN ISO/TR 16401-1:2018

PD CEN ISO/TS 16401-2:2012

Electronic fee collection. Evaluation of equipment for conformity to ISO/TS 17575-2. Abstract test suite

EPL/278

Superseded by PD CEN ISO/TR 16401-2:2018

PD CEN ISO/TS 17444-2:2013

Electronic fee collection. Charging performance. Examination Framework

EPL/278

Superseded by PD CEN/ISO TS 17444-2:2017

PD 5454:2012

Guide for the storage and exhibition of archival materials

IDT/2/9

Superseded by BS 4971:2017

PD ISO/IEC TR 14369:2014

Information technology. Programming languages, their environments and system software interfaces. Guidelines for the preparation of Language-Independent Service Specifications (LISS)

IST/5

Superseded by PD ISO/IEC TR 14369:2018

PD ISO/IEC TR 24741:2007

Information technology. Biometrics tutorial

IST/44

Superseded by PD ISO/IEC TR 24741:2018

PD CLC/TR 50442:2005

Guidelines for product committees on the preparation of standards related to human exposure from electromagnetic fields

GEL/106

Superseded by PD CLC/TR 50442:2018

PD IEC TR 61131-8:2003

Programmable controllers. Guidelines for the application and implementation of programming languages

GEL/65/2

Superseded by PD IEC/TR 61131-8:2017

PD IEC/TR 61948-3:2005

Nuclear medicine instrumentation. Routine tests. Positron emission tomographs

CH/62/3

Superseded by PD IEC/TR 61948-3:2018

BS 2M 50:1986

(ISO 1464:1985)

Specification for clearance dimensions for tripod jacks for aircraft

ACE/57

Superseded by BS ISO 1464:2018

BS OHSAS 18001:2007

Occupational health and safety management systems. Requirements

HS/1

Superseded by BS 45002-0:2018

BS OHSAS 18002:2008

Occupational health and safety management systems. Guidelines for the implementation of OHSAS 18001:2007

HS/1

Superseded by BS 45002-0:2018

BS AU 145d:1998

Specification for retroreflecting number plates

AUE/1

Superseded by BS AU 145e:2018

BRITISH STANDARDS UNDER REVIEW

The following British Standards implement International and/or European Standards which are currently under review to see if they should be confirmed, revised or withdrawn.

Comments should be sent to Debbie Stead, Head of Committee Service Centre and International Secretariat, BSI Group, 389 Chiswick High Road, London W4 4AL or via email to BSUKOperations.review@bsigroup.com by **31 May 2018**, in order to be considered by the relevant UK Committee.

BS EN ISO 15609-6:2013

Specification and qualification of welding procedures for metallic materials. Welding procedure specification. Laser-arc hybrid welding

WEE/36

BS EN 15732:2012

Light weight fill and thermal insulation products for civil engineering applications (CEA). Expanded clay lightweight aggregate products (LWA)

B/540

BS EN ISO 16610-85:2013

Geometrical product specifications (GPS). Filtration. Morphological areal filters: Segmentation

TDW/4

NEW WORK STARTED

The reference number of the committee responsible for each item of new work started is given after each entry.

Where a work item has the temporary designation "EN XXXX", it has not yet been allocated a standard number by the European standards body.

All national standards (BS XXXX), apart from corrigenda, will be issued for public comment in due course. All drafts for public comment are available at <http://drafts.bsigroup.com>, where you can register and comment free of charge.

BS 5489-1

Code of practice for the design of road lighting. Lighting of roads and public amenity areas

will supersede BS 5489-1:2013

EL/1/2

BS 8560:2012/A1

Code of practice for the design of buildings incorporating safe work at height

B/209

BS 8615-1

Specification for pozzolanic materials for use with Portland cement. Natural pozzolana and natural calcined pozzolana

B/517/4

BSTM8615-2

Specification for pozzolanic materials for use with Portland cement. High reactivity natural calcined pozzolana

B/517/4

BS 8616

Green roof ñ Test methods and substrate target guide values for the material characteristics for extensive substrates

AW/20/-/7

BS 9414

Fire performance of external cladding systems. Extended application of results from BS 8414-1 and BS 8414-2 tests

FSH/21

BS 804741

Big data. Guidance on terms and conditions (T&Cs) for obtaining and using data

MBD/1

PD 6697

Recommendations for the design of masonry structures to BS EN 1996-1-1 and BS EN 1996-2

B/525/6

EN WI 00327122

Animal feeding stuffs. Methods of sampling and analysis. Determination of Carotenoids in animal compound feed and premTMxtures by reverse phase high performance liquid chromatography. UV detection (RP-HPLC-UV)

AW/10

EN WI 00447003

Procurement process. Assessment of the capacity of service providers

SVS/21

EN WI JT005145

Space. Space situational awareness monitoring. Scheduling and commanding message (SCM)

ACE/68

EN 469

Protective clothing for firefighters. Performance requirements for protective clothing for firefighting

will supersede BS EN 469:2005

PH/3/2

EN 620

Continuous handling equipment and systems. Safety and EMC requirements for fixed belt conveyors for bulk materials

will supersede BS EN 620:2002+A1:2010

MHE/9

EN 703

Agricultural machinery. Silage loading, mixing and/or chopping and distributing machines. Safety

will supersede BS EN 703:2004+A1:2009

AGE/32

EN 927-11

Paints and varnishes. Coating materials and coating systems for exterior wood. Assessment of air inclusions/microfoam in coating films

will supersede PD CEN/TS 16358:2012

STI/28

EN 1364-6

Fire resistance tests for non-loadbearing elements. Cavity barriers

FSH/22/-/7

EN 1366-1:2014/A1

Fire resistance tests for service installations. Ventilation ducts

FSH/22/-/4

EN 1366-8

Fire resistance tests for service installations. Smoke extraction ducts

will supersede BS EN 1366-8:2004

FSH/22/-/4

EN 1459-':2017/A1

Rough-terrain trucks. Safety requirements and verification. Variable-reach trucks

MHE/7

EN ISO 4064-1

Water meters for cold potable water and hot water. Metrological and technical requirements

will supersede BS EN ISO 4064-1:2017

CPI/30/7

EN ISO 4064-2

Water meters for cold potable water and hot water. Test methods

will supersede BS EN ISO 4064-2:2017

CPI/30/7

EN ISO 4064-5

Water meters for cold potable water and hot water. Installation requirements

will supersede BS EN ISO 4064-5:2017

CPI/30/7

EN 9255

Aerospace series. Acceptance of supplier's design capabilities and management of design organisation authorisations

ACE/1

EN ISO 9863-1:2016/A1

Geosynthetics. Determination of thickness at specified pressures. Single layers

B/553

EN ISO 10462:2013/A1

Gas cylinders. Acetylene cylinders. Periodic inspection and maintenance

PVE/3

EN ISO 10863

Non-destructive testing of welds. Ultrasonic testing. Use of time-of-flight diffraction technique (TOFD)

will supersede BS EN ISO 10863:2011

WEE/2

EN ISO 11138-5:2017/A1

Sterilization of health care products. Biological indicators. Biological indicators for low-temperature steam and formaldehyde sterilization processes

CH/198

EN ISO 11963

Plastics. Polycarbonate sheets. Types, dimensions and characteristics

will supersede BS EN ISO 11963:2012

PR/75

EN 12015

Electromagnetic compatibility. Product family standard for lifts, escalators and moving walks. Emission

will supersede BS EN 12015:2014

MHE/4

EN 12331

Food processing machinery. Mincing machines. Safety and hygiene requirements

will supersede BS EN 12331:2015

MCE/3/5

EN 12472

Method for the simulation of wear and corrosion for the detection of nickel release from coated items

will supersede BS EN 12472:2005+A1:2009

CW/217

EN 12895:2015/A1

Industrial trucks. Electromagnetic compatibility

MHE/7

EN 13071-3

Stationary waste containers up to 5 000 l, top lifted and bottom emptied. Recommended lifting connections

will supersede BS EN 13071-3:2011

B/508/1

EN 13100-2

Non-destructive testing of welded joints in thermoplastics semi-finished products. X-ray radiographic testing

will supersede BS EN 13100-2:2004

PR/80

EN 13206:2017/A1

Plastics. Thermoplastic covering films for use in agriculture and horticulture

PR/75

EN 13215:2016/A1

Condensing units for refrigeration. Rating conditions, tolerances and presentation of manufacturer's performance data

RHE/4

EN 13373

Natural stone test methods. Determination of geometric characteristics on units

will supersede BS EN 13373:2003

B/545

EN 13480-6:2017/A1

Metallic industrial piping. Additional requirements for buried piping

PVE/10

EN ISO 13919-1

Welding. Electron and laser-beam welded joints. Guidance on quality levels for imperfections. Steel

will supersede BS EN ISO 13919-1:1997

WEE/-/1

EN ISO 13919-2

Welding. Electron and laser beam welded joints. Guidance on quality levels for imperfections. Aluminium and its weldable alloys

will supersede BS EN ISO 13919-2:2001

WEE/-/1

EN ISO 13997

Protective clothing. Mechanical properties. Determination of resistance to cutting by sharp objects

will supersede BS EN ISO 13997:1999

PH/3/5

EN 14103

Fat and oil derivatives. Fatty Acid Methyl Esters (FAME). Determination of ester and linolenic acid methyl ester contents

will supersede BS EN 14103:2011

AW/307

EN 15080-12

Extended application of results from fire resistance tests. Loadbearing masonry walls

will supersede BS EN 15080-12:2011

FSH/22/-/7

EN 15269-6

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware. Fire resistance of sliding timber doorsets

FSH/22/-/5

EN 15398

Resilient, textile and laminate floor coverings. Floor covering standard symbols. Complementary element

PR/3

EN 15416-3:2017/A1

Adhesives for load bearing timber structures other than phenolic and aminoplastic. Test methods. Creep deformation test at cyclic climate conditions with specimens loaded in bending shear

PR/52

EN 15948

Cereals. Determination of moisture and protein. Method using Near-Infrared-Spectroscopy in whole kernels

will supersede BS EN 15948:2015

AW/4

EN 16185-2:2014/A1

Railway applications. Braking systems of multiple unit trains. Test methods

RAE/4/-/1

EN 16207:2014/A1

Railway applications. Braking. Functional and performance criteria of magnetic track brake systems for use in railway rolling stock

RAE/4/-/1

EN 16215

Animal feeding stuffs. Methods of sampling and analysis. Determination of dioxins and dioxin-like PCBs by GC/HRMS and of indicator PCBs by GC/HRMS

will supersede BS EN 16215:2012

AW/10

EN 16351

Timber structures. Cross laminated timber. Requirements

will supersede BS EN 16351:2015

B/518

EN 16582-1:2015/A1

Domestic swimming pools. General requirements including safety and test methods

SW/136/8

EN 16713-2:2016/A1

Domestic swimming pools. Water systems. Circulation systems. Requirements and test methods

SW/136/8

EN 16815

CleAnOpen. Application profile for municipal vehicles

will supersede PD CEN/TR 16815:2015

B/508/1

EN 17264

Foodstuffs. Determination of aluminium by inductively coupled plasma mass spectrometry (ICP-MS)

AW/275

EN 17265

Foodstuffs. Determination of aluminium by inductively coupled plasma optical emission spectrometry (ICP-OES)

AW/275

EN 17266

Foodstuffs. Elements and their chemical species. Determination of organomercury in seafood by elemental mercury analysis

AW/275

EN 17269

Health informatics. The patient summary for unscheduled, cross-border care

IST/35

EN 17270

Determination of theobromine in feed materials and compound feed, including cocoa derived ingredients, by liquid chromatography

AW/10

EN 17271

Poly(vinyl chloride) (PVC) based profiles. Determination of the peel strength of profiles laminated with foils

PR1/21

EN 17272

Chemical disinfectants and antiseptics. Quantitative carrier test for airborne room disinfection by automated processes. Determination of bactericidal, fungicidal, yeasticidal, sporicidal, tuberculocidal, mycobactericidal, virucidal and phagocidal

CH/216

EN ISO 17491-4

Protective clothing. Test methods for clothing providing protection against chemicals. Determination of resistance to penetration by a spray of liquid (spray test)

will supersede BS EN ISO 17491-4:2008+A1:2016

PH/3

EN ISO 18777-1

Transportable liquid oxygen systems for medical use. Particular requirements. Base units

will supersede BS EN ISO 18777:2009

CH/121

EN ISO 18777-2

Transportable liquid oxygen systems for medical use. Particular requirements. Portable units

will supersede BS EN ISO 18777:2009

CH/121

EN ISO 28721-1

Vitreous and porcelain enamels. Glass-lined apparatus for process plants. Quality requirements for apparatus, components, appliances and accessories

will supersede BS EN ISO 28721-1:2011

STV/36

EN 45545-2

Railway applications. Fire protection on railway vehicles. Requirements for fire behaviour of materials and components

will supersede BS EN 45545-2:2013+A1:2015

FSH/19

EN 50194-2

Electrical apparatus for the detection of combustible gases in domestic premises. Electrical apparatus for continuous operation in a fixed installation in recreational vehicles and similar premises. Additional test methods and performance

will supersede BS EN 50194-2:2006+A1:2016

EXL/31/1

EN 50673

Plug-in type bushings for 72.5 kV for liquid filled transformers and other equipment

PEL/36

EN 60034-18-32

Rotating electrical machines. Functional evaluation of insulation systems. Test procedures for form-wound windings. Evaluation by electrical endurance

will supersede BS EN 60034-18-32:2010

PEL/2

EN 60068-2-69:2017/A1

Environmental testing. Tests. Test Te/Tc. Solderability testing of electronic components and printed boards by the wetting balance (force measurement) method

EPL/501

EN 60317-0-1:2014/A1

Specifications for particular types of winding wires. General requirements. Enamelled round copper wire

L/-/99

EN 60317-0-3:2008/A2

Specifications for particular types of winding wires. General requirements. Enamelled round aluminium wire

L/-/99

EN 60335-2-116

Household and similar electrical appliances. Safety. Particular requirements for furniture with electrically motorized parts

CPL/61

EN 60601-2-41

Medical electrical equipment. Particular requirements for the basic safety and essential performance of surgical luminaires and luminaires for diagnosis

CH/62

EN 60721-3-0

Classification of environmental conditions. Classification of groups of environmental parameters and their severities. Introduction

GEL/104

EN 60749-17

Semiconductor devices. Mechanical and climatic test methods. Neutron irradiation

will supersede BS EN 60749-17:2003

EPL/47

EN 60749-18

Semiconductor devices. Mechanical and climatic test methods. Ionizing radiation (total dose)

will supersede BS EN 60749-18:2003

EPL/47

EN 60794-1-21:2015/A1

Optical fibre cables. Generic specification. Basic optical cable test procedures. Mechanical tests methods

GEL/86/1

EN 60794-2-11

Optical fibre cables. Indoor optical fibre cables. Detailed specification for simplex and duplex cables for use in premises cabling

will supersede BS EN 60794-2-11:2012

GEL/86/1

EN 60794-2-31

Optical fibre cables. Indoor cables. Detailed specification for optical fibre ribbon cables for use in premises cabling

will supersede BS EN 60794-2-31:2013

GEL/86/1

EN 60851-3:2009/A2

Winding wires. Test methods. Mechanical properties

L/-/99

EN 61326-1

Electrical equipment for measurement, control and laboratory use. EMC requirements. General requirements

will supersede BS EN 61326-3-1:2017

GEL/65

EN 61326-2-6

Electrical equipment for measurement, control and laboratory use. EMC requirements. Particular requirements. In vitro diagnostic (IVD) medical equipment

will supersede BS EN 61326-2-6:2013

GEL/65

EN 61400-8

Wind energy generation systems. Design of wind turbine structural components

PEL/88

EN 61754-35

Fibre optic interconnecting devices and passive components. Fibre optic connector interfaces. Type LSHE connector series for harsh environments

GEL/86/2

EN 61970-301

Energy management system application program interface (EMS-API). Common information model (CIM) base

will supersede BS EN 61970-301:2017

PEL/57

EN 61970-501

Energy management system application program interface (EMS-API). Common information model resource description framework (CIM RDF) schema

will supersede BS EN 61970-501:2006

PEL/57

EN 62271-100

High-voltage switchgear and controlgear. Alternating current circuit-breakers

will supersede BS EN 62271-100:2009+A1:2012

PEL/17/1

EN 62271-104

High-voltage switchgear and controlgear. Alternating current switches for rated voltages higher than 52 kV

PEL/17/1

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EN 62597

Measurement procedures of magnetic field levels generated by electronic and electrical apparatus in the railway environment with respect to human exposure

GEL/9

EN 62784/A1

Vacuum cleaners and dust extractors providing equipment protection level Dc for the collection of combustible dusts Particular requirements

CPL/61/10

EN 62868-1

Organic light emitting diode (OLED) Light sources for general lighting sources for general lighting. Safety. General requirements and tests

CPL/34/1

EN 63093-12

Ferrite cores. Guidelines on dimensions and the limits of surface irregularities. Ring-cores

EPL/51

EN 63144

Industrial process control device. Thermographic imagers. Metrological characterization and calibration of thermographic imagers

GEL/65/2

EN 63145-22-10

Eyewear display. Specific measurement methods for AR type. Optical properties

EPL/47

EN 63186

Nuclear power plants. Instrumentation and control systems important to safety. Recommended design criteria for seismic trip system

NCE/8

EN 63187

Functional safety. Framework for safety critical E/E/PE systems for defence industry applications

GEL/65

CEN/TS xxx

Liming materials. Determination of the lime requirement in soil. Ammonium acetate buffer method pH 5, 5

CIU/37

CEN/TS 1317-8

Road restraint systems. Motorcycle road restraint systems which reduce the impact severity of motorcyclist collisions with safety barriers

will supersede PD CEN/TS 1317-8:2012

B/509/1

CEN/TS 16459

External fire exposure of roofs and roof coverings. Extended application of test results from CEN/TS 1187

will supersede PD CEN/TS 16459:2013

FSH/22/-/8

CEN/TS 17273

Nanotechnologies. Guidance on detection and identification of nano-objects in complex matrices

NTI/1

CEN/TS 17274

Nanotechnologies. Guidelines for determining protocols for the explosivity and flammability of powders containing nano-objects (for transport, handling and storage)

NTI/1

CEN/TS 17275

Nanotechnologies. Guidelines for the management and disposal of waste from the manufacturing and processing of manufactured nano-objects

NTI/1

CEN ISO/TS 19139-1

Geographic information. Metadata. XML schema implementation. Encoding rules

will supersede DD CEN ISO/TS 19139:2009

IST/36

IEC 60034-18-42:2017/A1

Rotating electrical machines. Partial discharge resistant electrical insulation systems (Type II) used in rotating electrical machines fed from voltage converters. Qualification tests

PEL/2

IEC 60436:2015/A1

Electric dishwashers for household use. Methods for measuring the performance

CPL/59/1

IEC/TR 60522-2

Medical electrical equipment. Diagnostic x-rays. Guidance and rationale on quality equivalent filtration and permanent filtration

CH/62/2

IEC 60747-7:2010/A1

Semiconductor devices. Discrete devices. Bipolar transistors

EPL/47

IEC 60794-1-215

Optical fibre cables. Generic specification. Basic optical cable test procedures. Environmental test methods. Cable external freezing test, Method F15

GEL/86/1

IEC 60794-2-21

Optical fibre cables. Indoor optical fibre cables. Detailed specification for multi-fibre optical distribution cables for use in premises cabling

will supersede BS EN 60794-2-21:2012

GEL/86/1

IEC 60825-18

Guided beam delivery systems

EPL/76

IEC/TS 61169-1-2

Radio frequency connectors. Uncertainty specification of frequency domain test for return loss

EPL/46

IEC 61169-63

Radio frequency connectors. Sectional specification. RF coaxial connectors with inner diameter of outer conductor 6, 5 mm (0, 256 in) with bayonet lock. Characteristic impedance 75 ohms (type BNC)

EPL/46

IEC 61747-30-3

Liquid crystal display devices. Measuring methods for liquid crystal display modules. Motion artifact measurement of active matrix liquid crystal display modules

EPL/47

IEC 61970-401

Energy management system application program interface (EMS-API). Component interface specification (CIS) framework

PEL/57

IEC/TR 62131-7

Environmental conditions. Vibration and shock of electrotechnical equipment. Transportation by rotary wing aircraft

GEL/104

IEC 62484

Radiation protection instrumentation. Spectroscopy-based portal monitors used for the detection and identification of illicit trafficking of radioactive material

will supersede BS EN 62484:2015

NCE/2

IEC/TR 62595-1-3

Display lighting unit. Lighting units with arbitrary shapes

EPL/47

IEC/TS 62607-7-2

Nano-enabled photovoltaics. Device evaluation method for indoor light

NTI/1

IEC/TR 62629-41-1

3D Display devices. Generic introduction of holographic display

EPL/47

IEC 62706

Radiation protection instrumentation. Environmental, electromagnetic and mechanical performance requirements

will supersede BS IEC 62706:2012

NCE/2

IEC 62922

Organic light emitting diode (OLED) panels for general lighting. Performance requirements

will supersede BS EN 62922:2017

CPL/34/1

IEC 62980

Parasitic communication protocol for radio-frequency wireless power transmission

EPL/100

IEC 63005-2

Event video data recorder for road vehicle accidents. Test methods for evaluating the performance of basic functions

EPL/100

IEC 63184

Basic standard for the assessment of the human exposure to electric and magnetic fields from wireless power transfer systems. models, instrumentation, numerical methods and procedures (Frequency range of 1 kHz to 10 MHz)

GEL/106

IEC 63185

Balanced-type circular disk resonator method to measure the complex permittivity of low-loss dielectric substrates

EPL/46

IEC/TS 63188

Systems reference document. Smart cities. Smart cities reference architecture methodology (SCRAM)

SDS/2

ISO 36

Rubber, vulcanized or thermoplastic. Determination of adhesion to textile fabrics

will supersede BS ISO 36:2017

PRI/22

ISO 128-1

Technical product documentation (TPD). General principles of presentation. Fundamental requirements

TDW/4

ISO 128-2

Technical product documentation (TPD). General principles of presentation. Basic conventions for lines

will supersede BS ISO 128-23:1999, BS ISO 128-22:1999, BS ISO 128-25:1999, BS EN ISO 128-21:2001, BS EN ISO 128-20:2001 and BS ISO 128-24:2014

TDW/4

ISO 128-3

Technical product documentation (TPD). General principles of presentation. Views, sections and cuts

will supersede BS ISO 128-30:2001, BS ISO 128-40:2001, BS ISO 128-44:2001, BS ISO 128-50:2001, BS ISO 128-34:2001 and BS ISO 128-43:2015

TDW/4

ISO 128-100

Technical product documentation (TPD). General principles of presentation. Index

TDW/4

ISO 916

Testing of refrigerating systems

RHE/18

ISO 999

Information and documentation. Guidelines for the content, organization and presentation of indexes

will supersede BS ISO 999:1996

IDT/2

ISO /PAS 23263

Guidelines for fuel suppliers and users regarding marine fuel quality considering the implementation of maximum 0.50 % S in 2020

PTI/2/-/4

ISO 1328-2

Cylindrical gears. ISO system of accuracy. Definitions and allowable values of deviations relevant to radial composite deviations and runout information

will supersede BS 436-5:1997

MCE/5/-/2

ISO 1518-1

Paints and varnishes. Determination of scratch resistance. Constant-loading method

will supersede BS EN ISO 1518-1:2011

STI/10

ISO 1518-2

Paints and varnishes. Determination of scratch resistance. Variable-loading method

will supersede BS EN ISO 1518-2:2011

STI/10

ISO 2431

Paints and varnishes. Determination of flow time by use of flow cups

will supersede BS EN ISO 2431:2011

STI/10

ISO 2692

Geometrical product specifications (GPS). Geometrical tolerancing. Maximum material requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR)

will supersede BS EN ISO 2692:2014

TDW/4

ISO 3303-1

Rubber- or plastics-coated fabrics. Determination of bursting strength. Steel-ball method

will supersede BS ISO 3303-1:2012

PRI/70

ISO 3303-2

Rubber- or plastics-coated fabrics. Determination of bursting strength. Hydraulic method

will supersede BS ISO 3303-2:2012

PRI/70

ISO 3408-2

Ball screws. Nominal diameters and nominal leads. Metric series

MTE/1

ISO 3529-1

Vacuum technology. Vocabulary. General terms

MCE/8/-/4

ISO/TS 3691-8

Industrial trucks. Safety requirements and verification. Regional requirements for countries outside the European community

will supersede PD ISO/TS 3691-8:2012

MHE/7

ISO 4524-3

Metallic coatings. Test methods for electrodeposited gold and gold alloy coatings. Electrographic tests for porosity

will supersede BS EN ISO 4524-3:1995

STI/33

ISO 5167-3

Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full. Nozzles and Venturi nozzles

will supersede BS EN ISO 5167-3:2003

CPI/30

ISO 5530-1

Wheat flour. Physical characteristics of doughs. Determination of water absorption and rheological properties using a farinograph

will supersede BS EN ISO 5530-1:2014

AW/4

ISO 5530-2

Wheat flour. Physical characteristics of doughs. Determination of rheological properties using an extensograph

will supersede BS EN ISO 5530-2:2015

AW/4

ISO 6145-1

Gas analysis. Preparation of calibration gas mixtures using dynamic methods. Methods of calibration

will supersede BS EN ISO 6145-1:2008

PTI/15

ISO 6292

Powered industrial trucks and tractors. Brake performance and component strength

will supersede BS ISO 6292:2008

MHE/7

ISO 6370-2

Vitreous and porcelain enamels. Determination of the resistance to abrasion. Loss in mass after sub-surface abrasion

will supersede BS ISO 6370-2:2011

STI/36

ISO 6414

Technical drawings for glassware

will supersede BS EN ISO 6414:1995

TDW/4

ISO 6504-3

Paints and varnishes. Determination of hiding power. Determination of contrast ratio of light-coloured paints at a fixed spreading rate

will supersede BS EN ISO 6504-3:2007

STI/10

ISO 6750-2

Earth-moving machinery. Operator's manual. List of references

B/513/1

ISO 8000-116

Data quality. Application of ISO 8000-115 to the formatting of authoritative legal entity identifiers (ALEI) for individuals and organizations

AMT/4

ISO 8080

Aerospace. Anodic treatment of titanium and titanium alloys. Sulfuric acid process

will supersede BS M 58:1986

ACE/65

ISO 8081

Aerospace process. Chemical conversion coating for aluminium alloys. General purpose

ACE/65

ISO 8124-1:2018/A2

Safety of toys. Safety aspects related to mechanical and physical properties

CW/15

ISO 8373

Robots and robotic devices. Vocabulary

will supersede BS ISO 8373:2012

AMT/10

ISO 8504-1

Preparation of steel substrates before application of paints and related products. Surface preparation methods. General principles

will supersede BS EN ISO 8504-1:2001

STI/21

ISO 8504-2

Preparation of steel substrates before application of paints and related products. Surface preparation methods. Abrasive blast-cleaning

will supersede BS EN ISO 8504-2:2001

STI/21

ISO 8624

Ophthalmic optics. Spectacle frames. Measuring system and terminology

will supersede BS EN ISO 8624:2011+A1:2015

CH/172

ISO 8827

Implants for surgery. Staples with parallel legs for orthopaedic use. General requirements

CH/150

ISO 9648

Sorghum. Determination of tannin content

AW/4

ISO/IEC 9798-5

Information technology. Security techniques. Entity authentication. Mechanisms using zero-knowledge techniques

will supersede BS ISO/IEC 9798-5:2009

IST/33

ISO/IEC/IEEE 42010

Enterprise, systems and software. Architecture description

will supersede BS ISO/IEC /IEEE 42010:2011

IST/-/99

ISO/TR 10017

Guidance on statistical techniques for ISO 9001:2000

will supersede PD ISO/TR 10017:2003

QS/1

ISO 10312

Ambient air. Determination of asbestos fibres. Direct transfer transmission electron microscopy method

will supersede BS ISO 10312:1995

EH/2/3

ISO 10848-5

Acoustics. Laboratory measurement of the flanking transmission of airborne and impact noise between adjoining rooms. Radiation efficiencies of building elements

EH/1/6

ISO 10896-1

Rough-terrain trucks. Safety requirements and verification. Variable-reach trucks

MHE/7

ISO 11124-5

Preparation of steel substrates before application of paints and related products. Specifications for metallic blast-cleaning abrasives. Steel cut wire shot

STI/21

ISO 11138-6

Sterilization of health care products. Biological indicators. Biological indicators for hydrogen peroxide sterilization processes

CH/198

ISO 12297-1

Rolling bearings. Cylindrical rollers. Steel rollers. Boundary dimensions, geometrical product specifications (GPS) and tolerance values

MCE/7

ISO 12671

Thermal spraying. Thermally sprayed coatings. Symbolic representation on drawings

will supersede BS EN 12671:2016

STI/40

ISO 12956

Geotextiles and geotextile-related products. Determination of the characteristic opening size

will supersede BS EN ISO 12956:2010

B/553

ISO 13585

Brazing. Qualification test of brazers and brazing operators

will supersede BS EN ISO 13585:2012

WEE/-/1

ISO 13794

Ambient air. Determination of asbestos fibres. Indirect-transfer transmission electron microscopy method

will supersede BS ISO 13794:1999

EH/2/3

ISO 13918:2017/A1

Welding. Studs and ceramic ferrules for arc stud welding

WEE/36

ISO 14009

Environmental management system. Guidelines for incorporating redesign of products and components to improve material circulation

SES/1/1

ISO 14030-1

Green bonds. Environmental performance of nominated projects and assets

SES/1/2

ISO/IEC 14496-10/A1

Information technology. Coding of audio-visual objects. Advanced video coding

IST/37

ISO/IEC 14496-12/A1

Information technology. Coding of audio-visual objects. ISO base media file format

IST/37

ISO/IEC 14496-15:2017/A2

Support for additional brands. Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format

IST/37

ISO/IEC 14496-32

Information technology. Coding of audio-visual objects. Conformance and reference software

IST/37

ISO/TR 14521

Gears. Calculation of load capacity of worm gears

will supersede PD ISO/TR 14521:2010

MCE/5/-/7

ISO 14708-5

Implants for surgery. Active implantable medical devices. Circulatory support devices

CH/150/2

ISO 14955-3

Machine tools. Environmental evaluation of machine tools. Principles for testing metal-cutting machine tools with respect to energy efficiency

MTE/1

ISO 15549

Non-destructive testing. Eddy current testing. General principles

will supersede BS EN ISO 15549:2010

WEE/46

ISO 15609-1

Specification and qualification of welding procedures for metallic materials. Welding procedure specification. Arc welding

will supersede BS EN ISO 15609-1:2004

WEE/36

ISO 15614-1:2017/A1

Specification and qualification of welding procedures for metallic materials. Welding procedure test. Arc and gas welding of steels and arc welding of nickel and nickel alloys

WEE/36

ISO 15926-10

Industrial automation systems and integration. Integration of life-cycle data for process plants including oil and gas production facilities. Conformance testing

AMT/4

ISO/IEC 15938-15

Information technology. Multimedia content description interface. Compact descriptors for video analysis

IST/37

ISO/IEC 16085

Systems and software engineering. Life cycle processes. Risk management

will supersede BS ISO/IEC 16085:2006

IST/15

ISO/TS 16195

Nanotechnologies. Guidance for developing representative test materials consisting of nano-objects in dry powder form

NTI/1

ISO 16534

Thermal insulating products for building applications. Determination of compressive creep

B/540/8

ISO 16546

Thermal insulating products for building applications. Determination of freeze-thaw resistance

B/540/8

ISO 16610-61:2015/A1

Geometrical product specification (GPS). Filtration. Linear areal filters. Gaussian filters

TDW/4

ISO 16624

Wheat flour and durum wheat semolina. Determination of the colour by reflectance diffused colorimetry

AWI/-2

ISO 16684-1

Graphic technology. Extensible metadata platform (XMP) specification. Data model, serialization and core properties

will supersede BS ISO 16684-1:2012

PAI/43

ISO 16711

Seismic assessment and retrofit of concrete structures

B/517

ISO/TS 16733-2

Fire safety engineering. Selection of design fire scenarios and design fires. Design fires

FSH/21

ISO 16932

Glass in building. Destructive-windstorm-resistant security glazing. Test and classification

B/520/4

ISO 16938-1

Buildings and civil engineering works. Determination of the staining of porous substrates by sealants used in joints. Test with compression

will supersede BS ISO 16938-1:2008

CB/-/8

ISO 16938-2

Buildings and civil engineering works. Determination of the staining of porous substrates by sealants used in joints. Test without compression

will supersede BS ISO 16938-2:2008

CB/-/8

ISO 17225-9

Solid biofuels. Fuel specifications and classes. Graded wood chips and hog fuel for industrial use

PTI/17

ISO/TR 17252

Fire tests. Applicability of reaction to fire tests to fire modelling and fire safety engineering

FSH/21/-/8

ISO 17738-3

Thermal insulation products. Exterior insulation and finish systems (EIFS). Design

B/540/8

ISO/TS 18178

Glass in building. Laminated solar photovoltaic glass for use in buildings

B/520

ISO 18192-1:2011/A1

Implants for surgery. Wear of total intervertebral spinal disc prostheses. Loading and displacement parameters for wear testing and corresponding environmental conditions for test

CH/150/5

ISO 18806

Solid mineral fuels. Determination of chlorine content

PTI/16

ISO 18808

Agricultural tyres for construction machines

AUE/4

ISO/TR 19305

Graphic technology. Framework for TC 130 standards

PAI/43

ISO 19455-1

Planning for functional performance testing for building commissioning. Secondary pumps of variable water volume system

RHE/2

ISO 19626-2

Processes, data elements and documents in commerce, industry and administration. Trusted communication platform for electronic documents. Applications

IST/47/-/3

ISO 19650-3

Organization of information about construction works. Information management using building information modelling. Operational phase of assets

B/555/-/6

ISO/IEC 19785-2

Information technology. Common biometric exchange formats framework. Procedures for the operation of the biometric registration authority

will supersede BS ISO/IEC 19785-2:2006+A1:2010

IST/44

ISO/TS 19850

Fire tests. method for evaluating the potential use of LED (light emitting diode) as alternative to white light for measuring the smoke density and smoke production rate in fire test

FSH/21/-/5

ISO 19916-2

Glass in building. Vacuum glass. Mechanical behaviour

B/520

ISO/IEC 20000-2

Information technology. Service management. Guidance on the application of service management systems

will supersede BS ISO/IEC 20000-2:2012

IST/60/2

ISO/IEC 20000-3

Information technology. Service management. Guidance on scope definition and applicability of ISO/IEC 20000-1

will supersede BS ISO/IEC 20000-3:2012

IST/60/2

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ISO/TR 20118

Guidance on fire characteristics and fire performance of PVC materials used in building applications

PRI/26

ISO/TR 20172

Welding. Grouping systems for materials. European materials

will supersede PD CEN ISO/TR 20172:2009

WEE/36

ISO 20468-5

Guidelines for performance evaluation of treatment technologies for water reuse systems. Membrane filtration

B/505/50

ISO 20468-6

Guidelines for performance evaluation of treatment technologies for water reuse systems. Ion exchange technology

B/505/50

ISO 20734

Building environment design. Daylighting design procedure for indoor visual environment

RHE/2

ISO 20911

Embedding methods for radio frequency identification (RFID) tyre tags

AUE/4

ISO 20912

Testing methods for radio frequency identification (RFID) tyre tags

AUE/4

ISO 21047

Information and documentation. International standard text Code (ISTC)

will supersede BS ISO 21047:2009

IDT/2

ISO 21586

Reference data for financial services. Specification for description of banking products or services (BPoS)

IST/12

ISO/TR 21735

Intelligent transport systems. Framework architecture for plug and play (PnP) functionality in vehicles utilizing nomadic devices

EPL/278

ISO/TR 21784

Plain bearings. Spray nozzle type directed lubrication for tilting pad bearings

MCE/12

ISO/TS 21805

Guidance on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by fixed gaseous fire fighting systems

FSH/18/6

ISO 21909-2

Passive neutron dosimetry systems. Methodology and criteria for personal dosimetry systems requiring qualification at workplaces

NCE/2

ISO 21917

Voice prostheses. General requirements and test methods for the evaluation of physical characteristics

CH/121/5

ISO/TS 22077-5

Health informatics. Medical waveform format. Electroencephalography

IST/35

ISO 22111

Bases for design of structures. General requirements

B/525/1

ISO/TS 22227

Health informatics. Endoscopy and related data

IST/35

ISO 22384

Security and resilience. Authentication, integrity and trust for products and documents. Preparing a protection plan and measures ensuring authenticity, integrity and trust

SSM/1

ISO 22389-2

Timber structures. Bending applications of I-beams. Component performance and manufacturing requirements

B/518

ISO 22516

Paints and varnishes. Practical determination of non-volatile and volatile matter content during application

STI/10

ISO 22518

Paints and varnishes. Determination of solvents in water-thinnable coating materials. Gas-chromatographic method

STI/10

ISO 22553-1

Paints and varnishes. Electro-deposition coatings. Terminology and general principle

STI/10

ISO 22553-2

Paints and varnishes. Electro-deposition coatings. Throwing power

STI/10

ISO 22553-3

Paints and varnishes. Electro-deposition coatings. Compatibility of electro-deposition coating materials with a reference oil

STI/10

ISO 22553-4

Paints and varnishes. Electro-deposition coatings. Compatibility of electro-deposition coating materials with liquid, paste-like and solid foreign materials

STI/10

ISO 22553-5

Paints and varnishes. Electro-deposition coatings. Determination of sieve residue

STI/10

ISO 22553-6

Paints and varnishes. Electro-deposition coatings. Entry marks

STI/10

ISO 22557

Paints and varnishes. Scratch test using a spring-loaded pen

STI/10

ISO 22636

Adhesives. Adhesives for floor coverings. Requirements for mechanical and electrical performance

PRI/75

ISO/TS 22693

Health informatics. Structured clinical gene fusion report in electronic health records

IST/35

ISO/TR 22696

Health informatics. Guidance for identification and authentication for connectable personal healthcare devices

IST/35

ISO 22697

Health informatics. Application of privacy management to personal health information

IST/35

ISO/TS 22801

Nanotechnologies. Specification of nanoclays used for gas barrier films

NTI/1

ISO 22843

Rubber bands. General requirements and test methods

PRI/73

ISO 22873

Quality control for mixing fibre-reinforced concretes in the fresh condition

B/517

ISO/IEC 22989

Artificial intelligence concepts and terminology

IST/-/99

ISO/IEC 23001-10:2015/A2

Information technology. MPEG systems technologies. Carriage of timed metadata metrics of media in ISO base media file format

IST/37

ISO/TR 23049

Road Vehicles. Ergonomic aspects of external visual communication from automated vehicles to other road users

AUE/-/1

ISO/IEC 23053

Framework for artificial intelligence (AI) systems using machine learning (ML)

IST/-/99

ISO 23055

Ships and marine technology. International ballast water shore connection flange. Design requirements

SME/32

ISO 23066

Terminology of rattan materials and products

B/541

ISO 23067

Grading system for rattan. Guidelines and classification

B/541

ISO/TR 23076

Ergonomics. Recovery model for cyclical industrial work

PH/9/-/4

ISO/IEC 23126

Information technology for learning, education and training. Ubiquitous learning resource organization and description framework (Learning cell framework)

IST/43

ISO/IEC 23127-1

Information technology for learning, education and training. Metadata for facilitators of online learning. Framework

IST/43

ISO 23159

Non destructive testing. Gamma scanning method of process columns

WEE/46

ISO 23193

Traditional Chinese medicine. Lycium barbarum and Lycium Chinese fruit

CH/100/1

ISO 23230

Space systems. Paint materials. Processes, procedures, requirements

ACE/68

ISO 23234

Buildings and civil engineering works. Security. Planning of security measures in the built environment

CB/-/8

ISO 23240

Attributes for description of virtual footwear

TCI/69

ISO 23243

Non-destructive testing. Terminology. Terms used in ultrasonic testing with phased arrays

WEE/46

ISO 23247

Digital twin manufacturing framework

AMT/4

ISO/TS 23259

Block chain and distributed ledger technologies. Legally binding smart contracts

DLT/1

ISO/TS 23261

Requirements for accessing digital medicinal products information by using the existing data carrier

IST/35

ISO 23285

VDC systems for Ag and EMM

AGE/6/1

ISO/TS 23301

STEP geometry services

AMT/4

ISO/TS 23303

Health Informatics. Categorial structures for representation of pharmaceutical technology of Chinese materia medica

IST/35

ISO/IEC 23423

Information technology. Smart cities. Guide to establishing a decision-making framework for sharing data and information services

IST/-/99

ISO/TR 23718

Metallic materials. Mechanical testing. Vocabulary

ISE/101

ISO 24442

Cosmetics. Sun protection test methods. In vivo determination of sunscreen UVA protection

will supersede BS EN ISO 24442:2011

CW/217

ISO 24443

Determination of sunscreen UVA photo protection in vitro

will supersede BS EN ISO 24443:2012

CW/217

ISO/TR 25679

Mechanical testing of metals. Symbols and definitions in published standards

ISE/101

ISO 26162-1

Systems to manage terminology, knowledge and content. Terminology databases. Design

TS/1

ISO 26162-2

Systems to manage terminology, knowledge and content. Terminology databases. Software

TS/1

ISO 28927-13

Hand-held portable power tools. Test methods for evaluation of vibration emission. Fastener driving tools

MCE/8/-/2

ISO 29470

Thermal insulating products for building applications. Determination of the apparent density

will supersede BS ISO 29470:2008

B/540/8

ISO/TR 31657-1

Plain bearings. Hydrodynamic plain journal bearings under steady state conditions. Calculation of multi-lobed and tilting pad journal bearings

MCE/12

ISO/TR 31657-2

Plain bearings. Hydrodynamic plain journal bearings under steady state conditions. Functions for calculation of multi-lobed journal bearings

MCE/12

ISO/TR 31657-3

Plain bearings. Hydrodynamic plain journal bearings under steady-state conditions. Functions for calculation of tilting pad journal bearings

MCE/12

ISO/TR 31657-4

Plain bearings. Hydrodynamic plain journal bearings under steady-state conditions. Permissible operational parameters for calculation of multi-lobed and tilting pad journal bearings

MCE/12

ISO/IEC 33020:2015/A1

Information technology. Process assessment. Process measurement framework for assessment of process capability

IST/15

ISO 37123

Sustainable development in communities. Indicators for resilient cities

SDS/2

ISO 52031

Energy performance of buildings. Space emission systems (heating and cooling)

RHE/2

DRAFT BRITISH STANDARDS FOR PUBLIC COMMENT – NATIONAL BRITISH STANDARDS

The following national standards have all been issued, or are about to be issued, for public comment. You may comment online on any British Standard of national origin using the BSI Draft Review system. All you need to do is register at <http://drafts.bsigroup.com>. This service is free of charge.

Deadlines for receipt of comments on each of the individual drafts can be found at <http://drafts.bsigroup.com>.

IMPORTANT NOTICE: The BSI Draft Review system is being replaced by the new Standards Development Portal. If you cannot find the draft you are looking for on the Draft Review system, please try searching for it the Standards Development portal: <https://standardsdevelopment.bsigroup.com/>. The service is free of charge.

If you would like to receive these drafts in hard copy format, they are available for a fee from BSI Customer Services (see 'How to order' on page 2).

18/30351283 DC

BS 1377-3 Methods of test for soils for civil engineering purposes. Part 3. Chemical and electro-chemical testing

B/526/3

Comments for the above document are required by 23 May, 2018

18/30362020 DC

BS 45002-1 Occupational health and safety management systems. Part 1. Guidance on managing occupational health

HS/11/-5

Comments for the above document are required by 14 May, 2018

18/30368061 DC

BS 8599-1 Workplace first aid kits. Part 1. Specification for the contents of workplace first aid kits

CH/100

Comments for the above document are required by 13 May, 2018

18/30369475 DC

BS 4A 169 AMD1 Specification for aluminium alloy bolts (Unified hexagons and Unified threads) for aircraft

ACE/12

Comments for the above document are required by 23 April, 2018

DRAFT BRITISH STANDARDS FOR PUBLIC COMMENT – ADOPTIONS

You may comment online on draft standards issued by CEN and ISO. The BSI Draft Review system has been modified to accommodate a wider range of standards content. The purpose of the website is to enhance access to Drafts for Public Comment for the wider community, make comments more visible and move into collaborative working practices. All you need to do is register at <http://drafts.bsigroup.com>. This service is free of charge.

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All draft British Standards are available in hard copy format from BSI Customer Services (see 'How to order' on page 2). Most drafts are charged at £10.00 to members and £20.00 for non-members.

Larger draft documents are charged at a higher price according to the number of pages and, are priced individually below.

Comments on all Draft British Standards are welcome and should be sent to Debbie Stead, Head of Committee Service Centre and International Secretariat, BSI Group, 389 Chiswick High Road, London W4 4AL.

Draft standards may be modified before adoption and issue as British Standards.

18/30295505 DC

BS EN ISO 19884 Gaseous hydrogen. Cylinders and tubes for stationary storage

PVE/3/8

Comments for the above document are required by 12 April, 2018

18/30303615 DC

BS ISO 19738 Ships and marine technology. Aquatic nuisance species. In-line sampling method for obtaining representative samples of water systems

SME/32

Comments for the above document are required by 2 May, 2018

18/30311346 DC

BS EN ISO 11812 Small craft. Watertight or quick draining recesses and cockpits

GME/33

Comments for the above document are required by 17 April, 2018

18/30312504 DC

BS ISO 16000-37 Indoor air. Part 37. Measurement of PM 2.5 mass concentration

EH/2/5

Comments for the above document are required by 1 May, 2018

18/30319093 DC

BS ISO 18747-2 Determination of particle density by sedimentation methods. Part 2. Multi-velocity approach

LBI/37

Comments for the above document are required by 1 May, 2018

18/30320017 DC

BS ISO 11992-1 Road vehicles. Interchange of digital information on electrical connections between towing and towed vehicles. Part 1. Physical and data-link layers

AUE/16

Comments for the above document are required by 8 April, 2018

18/30321208 DC

BS ISO 28564-3 Public information guidance systems. Part 3. Guidelines for the design and use of information index signs

PH/8/2

Comments for the above document are required by 9 April, 2018

18/30323202 DC

BS ISO 20574 Road vehicles. Durability test methods for starter for stop and start

AUE/32

Comments for the above document are required by 8 April, 2018

18/30325127 DC

BS ISO 6621-5 Internal combustion engines. Piston rings. Part 5. Quality requirements

MCE/14/-10

Comments for the above document are required by 11 April, 2018

18/30330912 DC

BS ISO 17167 Fine ceramics (advanced ceramics, advanced technical ceramics). Mechanical properties of monolithic ceramics at room temperature. Determination of flexural strength by the ring-on-ring test

RPI/13

Comments for the above document are required by 2 May, 2018

18/30331618 DC

BS ISO 20934 Road vehicles. Fuse-links with axial terminals for use in 48V networks. Types SF36-48V, SF51-48V and SF56-48V

AUE/32

Comments for the above document are required by 8 April, 2018

18/30332731 DC

BS ISO 19638 Intelligent transport systems. Road boundary departure prevention systems (RBDPS). Performance requirements and test procedures

EPL/278

Comments for the above document are required by 8 April, 2018

18/30332744 DC

BS ISO 22734 Hydrogen generators using water electrolysis process. Industrial, commercial, and residential applications. Part . Residential applications

PVE/3/8

Comments for the above document are required by 15 April, 2018

18/30334864 DC

BS ISO 4323 Soaps. Determination of chlorides content. Potentiometric method

CIV/34

Comments for the above document are required by 15 April, 2018

18/30335590 DC

BS ISO 16770-1 Plastics. Determination of environmental stress cracking (ESC) of polyethylene. Full-notch creep test (FNCT). Part 1. Standard method

PRJ/82

Comments for the above document are required by 11 April, 2018

18/30335638 DC

BS EN ISO 21183-2 Light conveyor belts. Part 2. List of equivalent terms

PRJ/67

Comments for the above document are required by 8 April, 2018

18/30337681 DC

BS ISO 16049-2 Air cargo. Restraint straps. Part 2. Utilization guidelines and lashing calculations

ACE/57

Comments for the above document are required by 9 April, 2018

18/30339362 DC

BS ISO 18692-1 Fibre ropes for offshore stationkeeping. Part 1. General specification

TCI/77

Comments for the above document are required by 15 April, 2018

18/30340664 DC

BS EN ISO 17892-10 Geotechnical investigation and testing. Laboratory testing of soil. Part 10. Direct shear tests

B/526/3

Comments for the above document are required by 11 April, 2018

18/30340668 DC

BS EN ISO 17892-11 Geotechnical investigation and testing. Laboratory testing of soil. Part 11. Permeability tests

B/526/3

Comments for the above document are required by 11 April, 2018

18/30341091 DC

BS ISO 16638-2 Radiological protection. Monitoring and internal dosimetry for specific materials. Part 2. Ingestion of uranium compounds

NCE/2

Comments for the above document are required by 9 April, 2018

18/30341539 DC

BS ISO 11783-2 Tractors and machinery for agriculture and forestry. Serial control and communications data network. Part 2. Physical layer

AGE/6

Comments for the above document are required by 11 April, 2018

18/30342192 DC

BS ISO/IEC 14443-2 AMD3 Identification cards. Contactless integrated circuit cards. Proximity cards. Part 2. Radio frequency power and signal interface

IST/17

Comments for the above document are required by 17 April, 2018

18/30342198 DC

BS ISO/IEC 14443-3 AMD2 Identification cards. Contactless integrated circuit cards. Proximity cards. Part 3. Initialization and anticollision

IST/17

Comments for the above document are required by 17 April, 2018

18/30342207 DC

BS ISO/IEC 14443-4 AMD3 Identification cards. Contactless integrated circuit cards. Proximity cards. Part 4. Transmission protocol

IST/17

Comments for the above document are required by 17 April, 2018

18/30342638 DC

BS ISO 9345 Microscopes. Interfacing dimensions for imaging components

CPW/172

Comments for the above document are required by 16 April, 2018

18/30342716 DC

BS ISO 21316 Traditional Chinese medicine. Isatis indigotica root

CH/100/1

Comments for the above document are required by 2 May, 2018

18/30344861 DC

BS EN 62304 Health software. Software life cycle processes

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CH/62/1

Comments for the above document are required by 11 April, 2018

18/30347635 DC

BS ISO 18948 Imaging materials. Photo books. Test methods for permanence and durability

CPW/42

Comments for the above document are required by 11 April, 2018

18/30348649 DC

BS ISO/IEC 18520 Information technology. Computer graphics, image processing and environmental data representation. Benchmarking of vision-based spatial registration and tracking methods for Mixed and Augmented Reality (MAR)

IST/31

Comments for the above document are required by 15 April, 2018

18/30348658 DC

BS ISO 787-28 General methods of tests for pigments and extenders. Part 28. Determination of total content of polychlorinated biphenyls (PCB) by dissolution, cleanup and GC/MS

STI/1

Comments for the above document are required by 16 April, 2018

18/30349703 DC

BS EN 17229 Fitness centres. Requirements for centre amenities and operation. Part 1. Operational and managerial requirements

SW/136

Comments for the above document are required by 9 April, 2018

18/30350174 DC

BS ISO 21813 Fine ceramics(advanced ceramics, advanced technical ceramics). Methods for chemical analysis of high purity barium titanate powders

RPI/13

Comments for the above document are required by 11 April, 2018

18/30350177 DC

BS ISO 21814 Fine ceramics (advanced ceramics, advanced technical ceramics). Methods for chemical analysis of aluminum nitride powders

RPI/13

Comments for the above document are required by 11 April, 2018

18/30350467 DC

BS ISO 21446 Infant formula and adult nutritional. Determination of trans and total (cis + trans) vitamin K1 content using normal phase high performance liquid chromatography (HPLC)

AWI/2

Comments for the above document are required by 1 May, 2018

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18/30350765 DC

BS ISO 17735 Workplace atmospheres. Determination of total isocyanate groups in air using 1-(9-anthracenylmethyl)piperazine (MAP) reagent and liquid chromatography

EH/2/2

Comments for the above document are required by 11 April, 2018

18/30350794 DC

BS ISO 5894 Ships and marine technology. Manholes with bolted covers

SME/32

Comments for the above document are required by 8 April, 2018

18/30352645 DC

BS IEC 61076-2-011 Connectors for electronic equipment. Product requirements. Part 2-011. Circular connectors. Detail specification for bayonet connectors based on mating faces according to IEC 61076-2

EPL/48

Comments for the above document are required by 18 April, 2018

18/30353053 DC

BS EN ISO 13588 Non-destructive testing of welds. Ultrasonic testing. Use of automated phased array technology

WEE/2

Comments for the above document are required by 17 April, 2018

18/30353987 DC

BS EN 62747 AMD1 Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems

PEL/22

Comments for the above document are required by 27 March, 2018

18/30353991 DC

BS EN 62751-2 AMD1 Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems. Part 2. Modular multilevel converters

PEL/22

Comments for the above document are required by 27 March, 2018

18/30353995 DC

BS EN 60633 Terminology for high-voltage direct current (HVDC) transmission

PEL/22

Comments for the above document are required by 27 March, 2018

18/30354794 DC

BS ISO 18828-5 Industrial automation systems and integration. Standardized procedures for production systems engineering. Part 5. Manufacturing change management

AMT/4

Comments for the above document are required by 15 April, 2018

18/30355730 DC

BS EN 62737 Calibration and Validation of Process Analysers

GEL/65/2

Comments for the above document are required by 4 April, 2018

18/30356003 DC

BS EN ISO 1721-1 Plastics. Determination of dynamic mechanical properties. Part 1. General principles

PRI/21

Comments for the above document are required by 8 April, 2018

18/30356006 DC

BS EN ISO 6721-2 Plastics. Determination of dynamic mechanical properties. Part 2. Torsion-pendulum method

PRI/21

Comments for the above document are required by 8 April, 2018

18/30356009 DC

BS ISO 6721-4 Plastics. Determination of dynamic mechanical properties. Part 4. Tensile vibration. Non-resonance method

PRI/21

Comments for the above document are required by 8 April, 2018

18/30356012 DC

BS ISO 6721-5 Plastics. Determination of dynamic mechanical properties. Part 5. Flexural vibration. Non-resonance method

PRI/21

Comments for the above document are required by 8 April, 2018

18/30356015 DC

BS ISO 6721-6 Plastics. Determination of dynamic mechanical properties. Part 6. Shear vibration. Non-resonance method

PRI/21

Comments for the above document are required by 8 April, 2018

18/30356018 DC

BS ISO 6721-7 Plastics. Determination of dynamic mechanical properties. Part 7. Torsional vibration. Non-resonance method

PRI/21

Comments for the above document are required by 8 April, 2018

18/30356301 DC

BS ISO 2942 Hydraulic fluid power. Filter elements. Verification of fabrication integrity and determination of the first bubble point

MCE/18/-/6

Comments for the above document are required by 11 April, 2018

18/30356345 DC

BS EN ISO 27020 Dentistry. Brackets and tubes for use in orthodontics

CH/106/1

Comments for the above document are required by 16 April, 2018

18/30357042 DC

BS EN 17130 Textile products. Critical substances potentially present in components of textile products. Test method to quantitatively determine dimethylfumarate (DMFu) in textile product materials

TCI/80

Comments for the above document are required by 18 April, 2018

18/30357555 DC

BS ISO 24513 Activities relating to drinking water, wastewater and stormwater services. Vocabulary

CB/503

Comments for the above document are required by 3 May, 2018

18/30357790 DC

BS EN 17131 Textiles and textile products. Critical substances potentially present in components of textile product materials. Determination of dimethylformamide (DMF), method using gas chromatography

TCI/80

Comments for the above document are required by 9 April, 2018

18/30357793 DC

BS EN 17132 Textiles and textile products. Critical substances potentially present in components of textile product materials. Determination of Polycyclic Aromatic Hydrocarbons (PAH), method using chromatographic techniques

TCI/80

Comments for the above document are required by 18 April, 2018

18/30357799 DC

BS EN 17134 Textiles and textile products. Critical substances potentially present in components of textile product materials. Determination of certain preservatives, method using liquid chromatography

TCI/80

Comments for the above document are required by 18 April, 2018

18/30358588 DC

BS EN ISO 29001 Petroleum, petrochemical and natural gas industries. Sector-specific quality management systems. Requirements for product and service supply organizations

PSE/17

Comments for the above document are required by 17 April, 2018

18/30358607 DC

BS ISO/IEC 1539-1 Information technology. Programming languages. Fortran. Part 1. Base language

£40.00 members, £80.00 non-members

IST/5

Comments for the above document are required by 3 May, 2018

18/30358731 DC

BS ISO 6621-2 Internal combustion engines. Piston rings. Part 2. Inspection measuring principles

MCE/14/-/10

Comments for the above document are required by 8 April, 2018

18/30358829 DC

BS ISO 18669-2 Internal combustion engines. Piston pins. Part 2. Inspection measuring principles

MCE/14/-/10

Comments for the above document are required by 7 April, 2018



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bsi.

18/30358838 DC

BS ISO 20337 Fibre-reinforced plastic composites. Shear test method using a shear frame for the determination of the in-plane shear stress/shear strain response and shear modulus

PRI/42

Comments for the above document are required by 8 April, 2018

18/30359131 DC

BS ISO 22259 Conference systems. Equipment. Requirements

TS/1

Comments for the above document are required by 10 April, 2018

18/30359740 DC

BS EN 60601-2-43 AMD2 Medical electrical equipment. Part 2-43. Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures

CH/62/2

Comments for the above document are required by 26 April, 2018

18/30359998 DC

BS ISO 19880-1 Gaseous hydrogen. Fuelling stations. Part 1. General requirements
£18.00 members, £36.00 non-members

PVE/3/8

Comments for the above document are required by 15 April, 2018

18/30360532 DC

BS ISO 50503 Innovation management. Tools and methods for innovation partnership. Guidance

IMS/1

Comments for the above document are required by 1 May, 2018

18/30360829 DC

BS ISO 16900-5 AMD1 Respiratory protective devices. Methods of test and test equipment. Part 5. Breathing machine, metabolic simulator, RPD headforms and torso, tools and verification tools

PH/4

Comments for the above document are required by 16 April, 2018

18/30361290 DC

BS EN 81-22 Safety rules for the construction and installation of lifts. Lifts for the transport of persons and goods. Part 22. Passenger and goods passenger lifts with inclined travel path
£18.00 members, £36.00 non-members

MHE/4

Comments for the above document are required by 1 May, 2018

18/30361448 DC

BS ISO 3875 Machine tools. Test conditions for external cylindrical centreless grinding machines. Testing of the accuracy

MTE/1/2

Comments for the above document are required by 2 May, 2018

18/30361549 DC

BS IEC 63135 Maritime navigation and radio communication equipment and systems. Automatic Identification Systems (AIS). SAR Airborne equipment. Operational and performance requirements, methods of test and required test results

EPL/80

Comments for the above document are required by 4 April, 2018

18/30361790 DC

BS EN 17228 Plastics. Bio-based polymers, plastics, and plastic products. Terminology, characteristics and communication

PRI/89

Comments for the above document are required by 9 April, 2018

18/30362074 DC

BS ISO 10143 Carbonaceous materials for the production of aluminium. Calcined coke for electrodes. Determination of the electrical resistivity of granules

CII/24

Comments for the above document are required by 17 April, 2018

18/30362356 DC

BS ISO 21717 Intelligent transport systems. Partially automated in-lane driving systems (PADS). Performance requirements and test procedures. Partially automated in-lane driving systems (PADS). Performance requirements and test procedures

EPL/278

Comments for the above document are required by 8 April, 2018

18/30362375 DC

BS EN ISO 23611-3 Soil quality. Sampling of soil invertebrates. Part 3. Sampling and extraction of enchytraeids

EH/4

Comments for the above document are required by 26 April, 2018

18/30362384 DC

BS ISO 24102-1 Intelligent transport systems. ITS station management. Part 1. Local management

EPL/278

Comments for the above document are required by 17 April, 2018

18/30362387 DC

BS ISO 24102-2 Intelligent transport systems. ITS station management. Part 2. Remote management of ITS-SCUs

EPL/278

Comments for the above document are required by 17 April, 2018

18/30362390 DC

BS ISO 24102-3 Intelligent transport systems. ITS station management. Part 3. Service access points

EPL/278

Comments for the above document are required by 17 April, 2018

18/30362393 DC

BS ISO 24102-4 Intelligent transport systems. ITS station management. Part 4. Station-internal management communications

EPL/278

Comments for the above document are required by 17 April, 2018

18/30363265 DC

BS EN 61010-2-081 Safety requirements for electrical equipment for measurement, control and laboratory use. Part 2-081. Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes

EPL/66

Comments for the above document are required by 6 March, 2018

18/30363666 DC

BS ISO 80601-2-84 Medical electrical equipment. Part 2-84. Particular requirements for basic safety and essential performance of emergency and transport ventilators
£18.00 members, £36.00 non-members

CH/121

Comments for the above document are required by 1 May, 2018

18/30363895 DC

BS EN ISO 8289-2 Vitreous and porcelain enamels. Low-voltage test for detecting and locating defects. Part 2. Slurry test for profile surfaces

STI/36

Comments for the above document are required by 2 May, 2018

18/30364940 DC

BS ISO/IEC 9798-2 Information technology. Security techniques. Entity authentication. Part 2. Mechanisms using authenticated encryption

IST/33/2

Comments for the above document are required by 16 April, 2018

18/30365097 DC

BS EN 62868-2-1 Organic light emitting diode (OLED) light sources for general lighting. Safety. Part 2-1. Particular requirements for semi-integrated OLED modules

CPL/34/1

Comments for the above document are required by 18 April, 2018

18/30365101 DC

BS EN 62868-2-2 Organic light emitting diode (OLED) light sources for general lighting. Safety. Part 2-2. Particular requirements for integrated OLED modules

CPL/34/1

Comments for the above document are required by 18 April, 2018

18/30365477 DC

BS ISO 16355-3 Applications of statistical and related methods to new technology and product development process. Part 3. Quantitative approaches for the acquisition of voice of customer and voice of stakeholder

MS/6

Comments for the above document are required by 2 May, 2018



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18/30366585 DC

BS EN 62423 AMD1 Type F and type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses

PEL/23/1

Comments for the above document are required by 15 April, 2018

18/30366869 DC

BS ISO 21264 Surface active agents. Detergents. Determination of alkylphenol ethoxylates

CII/34

Comments for the above document are required by 2 May, 2018

18/30366881 DC

BS ISO 21703 Surface active agents. Microbiology. Microbiological test methods for liquid hand dishwashing

CII/34

Comments for the above document are required by 2 May, 2018

18/30366928 DC

BS EN 1366-3 Fire resistance tests for service installations. Part 3. Penetration seals
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FSH/22/-/4

Comments for the above document are required by 9 April, 2018

18/30367108 DC

BS ISO 21315 Traditional chinese medicine. Ganoderma lucidum fruiting body

CH/100/1

Comments for the above document are required by 2 May, 2018

18/30367114 DC

BS ISO 21370 Traditional Chinese medicine. Dendrobium officinale stem

CH/100/1

Comments for the above document are required by 1 May, 2018

18/30368106 DC

BS EN 17220 Packaging. Flexible aluminium tubes. Tube nozzles

PKW/0/-/10

Comments for the above document are required by 9 April, 2018

18/30368422 DC

BS ISO 27875 Space systems. Re-entry risk management for unmanned spacecraft and launch vehicle orbital stages

ACE/68

Comments for the above document are required by 17 April, 2018

18/30368501 DC

BS ISO 15800 Soil quality. Characterization of soil with respect to human exposure

EH/4

Comments for the above document are required by 9 April, 2018

18/30368624 DC

BS EN 81-20 Safety rules for the construction and installation of lifts. Lifts for the transport of persons and goods. Part 20. Passenger and goods passenger lifts

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MHE/4

Comments for the above document are required by 1 May, 2018

18/30368627 DC

BS EN 81-50 Safety rules for the construction and installation of lifts. Examinations and tests. Part 50. Design rules, calculations, examinations and tests of lift components

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MHE/4

Comments for the above document are required by 1 May, 2018

18/30368630 DC

BS EN 81-72 Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts. Part 72. Firefighters lifts

MHE/4

Comments for the above document are required by 1 May, 2018

18/30368633 DC

BS EN 81-73 Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts. Part 73. Behaviour of lifts in the event of fire

MHE/4

Comments for the above document are required by 1 May, 2018

18/30369254 DC

BS ISO/IEC 20000-10 Information technology. Service management. Part 10. Concepts and terminology

IST/60/2

Comments for the above document are required by 2 May, 2018

18/30369299 DC

BS EN 17230 Information technology. RFID in rail

IST/34

Comments for the above document are required by 9 April, 2018

18/30369661 DC

BS EN 16491 Thermal insulation products for buildings. Factory made composite products. Specification

B/540

Comments for the above document are required by 9 April, 2018

18/30369907 DC

BS ISO 4661-2 Rubber, vulcanized. Preparation of samples and test pieces. Part 2. Chemical tests

PRI/22

Comments for the above document are required by 8 April, 2018

18/30369971 DC

BS EN 17232 Water play equipment and features. Safety requirements, test methods and operational requirements

SW/136

Comments for the above document are required by 18 April, 2018

18/30370159 DC

BS EN ISO 80601-2-56 Medical electrical equipment. Part 2-56. Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement . AMENDMENT 1

CH/121

Comments for the above document are required by 1 May, 2018

18/30370302 DC

BS EN 13024-2 Glass in building. Thermally toughened borosilicate safety glass. Part 2. Product standard

B/520

Comments for the above document are required by 9 April, 2018

18/30370308 DC

BS EN 16641 Textile floor coverings. Guidelines for acceptable colour deviations

PRI/3

Comments for the above document are required by 9 April, 2018

18/30370593 DC

BS ISO 127 Rubber, natural latex concentrate. Determination of KOH number

PRI/50/-/1

Comments for the above document are required by 1 May, 2018

18/30371113 DC

BS EN ISO 20957-9 Amendment 1. Stationary training equipment. Part 9. Elliptical trainers, additional specific safety requirements and test methods

SW/136

Comments for the above document are required by 10 April, 2018

18/30371122 DC

BS ISO 1087 Terminology work. Vocabulary

TS/1

Comments for the above document are required by 8 April, 2018

18/30371377 DC

BS EN 50689 Safety of laser products. Particular Requirements for Consumer Laser Products

EPL/76

Comments for the above document are required by 26 April, 2018

18/30371405 DC

BS EN ISO 11930 Cosmetics. Microbiology. Evaluation of the antimicrobial protection of a cosmetic product

CW/217

Comments for the above document are required by 15 April, 2018

18/30371408 DC

BS EN ISO 26082-1 Leather. Physical and mechanical test methods for the determination of soiling. Part 1. Rubbing (Martindale) method
TCI/69

Comments for the above document are required by 2 May, 2018

18/30371425 DC

BS ISO/IEC 23270 Information technology. Programming languages. C#
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IST/5

Comments for the above document are required by 1 May, 2018

18/30371445 DC

BS ISO 13617 Ships and marine technology. Shipboard incinerators. Requirements
SME/32

Comments for the above document are required by 2 May, 2018

18/30373835 DC

BS EN 60721-3-0 Classification of environmental conditions. Part 3-0. Classification of groups of environmental parameters and their severities. Introduction
GEL/104

Comments for the above document are required by 18 April, 2018

18/30373839 DC

BS EN 60601-2-41 Medical electrical equipment. Part 2-41. Particular requirements for the basic safety and essential performance of surgical luminaires and luminaires for diagnosis
CH/62

Comments for the above document are required by 11 April, 2018

18/30374220 DC

BS EN 63093-12 Ferrite cores. Guidelines on dimensions and the limits of surface irregularities. Part 12. Ring-cores
EPL/51

Comments for the above document are required by 1 May, 2018

18/30374257 DC

BS EN 4869-001 Aerospace series. Expanded beam termini, fibre optic non physical contact in EN 3645 standard cavities. Part 001. Technical specification
ACE/6

Comments for the above document are required by 4 May, 2018

18/30374258 DC

BS EN 4869-101 Aerospace series. Expanded beam termini, fibre optic non physical contact in EN 3645 standard cavities. Part 101. Male termini size 16 technical specification
ACE/6

Comments for the above document are required by 4 May, 2018

18/30374259 DC

BS EN 4869-102 Aerospace series. Expanded beam termini, fibre optic non physical contact in EN 3645 standard cavities. Part 102. Female termini size 16 technical specification
ACE/6

Comments for the above document are required by 4 May, 2018

18/30374260 DC

BS EN 4869-103 Aerospace series. Expanded beam termini, fibre optic non physical contact in EN 3645 standard cavities. Part 103. Male termini size 12 technical specification
ACE/6

Comments for the above document are required by 4 May, 2018

18/30374261 DC

BS EN 4869-104 Aerospace series. Expanded beam termini, fibre optic non physical contact in EN 3645 standard cavities. Part 104. Female termini size 12 technical specification
ACE/6

Comments for the above document are required by 4 May, 2018

18/30374552 DC

BS EN 301 549 Accessibility requirements for ICT products and services
£18.00 members, £36.00 non-members
ICT/-6

Comments for the above document are required by 11 April, 2018

18/30374789 DC

BS EN 62271-104 High-voltage switchgear and controlgear. Part 104. Alternating current switches for rated voltages higher than 52 kV
PEL/17/1

Comments for the above document are required by 30 May, 2018

DOCUMENTS NOT ISSUED AS DPCs

Comments can be sent by email or by post to named contacts at:-
BSI Group
389 Chiswick High Road
London W4 4AL

FprEN 2541

Aerospace series. Steel FE-PA18. Quenched and cold drawn. Wire for spring. $D \leq 4,0$ mm

The above has recently been issued at Formal Vote stage. For any further information regarding this Formal Vote, please send a note to the contact point below.

Contact: Committee Service Centre
Email: csc@bsigroup.com

ACE/61/-15

CEN EUROPEAN STANDARDS

EUROPEAN RATIFIED TEXTS

The documents listed below have recently been issued by CEN but have not yet been published as BS ENs. BSI has an obligation to adopt all ENs and to withdraw any conflicting British Standards (BSs) or parts of BSs. The following will be implemented as BS ENs or as amendments to BS ENs shortly. Notification of their implementation will be given in the BS EN Publications section of the relevant edition of Update Standards.

EN 71-7:2014+A2:2018

Safety of toys. Finger paints. Requirements and test methods
CW/15

EN 1568-2:2018

Fire extinguishing media. Foam concentrates. Specification for high expansion foam concentrates for surface application to water-immiscible liquids
FSH/18/7

EN 2795:2018

Aerospace Series. Fluorocarbon rubber (FPM). Low compression set. Hardness 50 IRHD
ACE/65

EN 9223-102:2018

Programme Management. Configuration Management. Configuration status accounting
ACE/1

EN 9223-103:2018

Programme Management. Configuration Management. Configuration Verifications, Reviews and Audits
ACE/1

EN 9223-104:2018

Programme Management. Configuration Management. Configuration Control
ACE/1

EN 9223-105:2018

Programme Management. Configuration Management. Glossary
ACE/1

EN 12999:2011+A2:2018

Cranes. Loader cranes
MHE/3/5

EN 16869:—

Design/construction of Via Ferratas
CORRIGENDUM 1:February 2018
to EN 16869:2017
SW/136/5

CEN REPORTS

CEN/TR 17014-101:2018

Electronic public procurement. Business interoperability interfaces (BII), e-Tendering. Overview
IST/471/-1

CENELEC PUBLICATIONS

EUROPEAN RATIFIED TEXTS

The documents listed below have recently been issued by CENELEC but have not yet been published as BS ENs. BSI has an obligation to adopt all ENs and to withdraw any conflicting British Standards (BSs) or parts of BSs. The following will be implemented as BS ENs or as amendments to BS ENs shortly. Notification of their implementation will be given in the BS EN Publications section of the relevant edition of Update Standards.

EN IEC 60099-8:2018

(IEC 60099-8:2017)

Surge arresters. Metal-oxide surge arresters with external series gap (EGLA) for overhead transmission and distribution lines of a.c. systems above 1 kV

PEL/37

EN IEC 60370:2018

(IEC 60370:2017)

Test procedure for thermal endurance of insulating resins and varnishes for impregnation purposes. Electric breakdown methods

GEL/15

EN IEC 60519-12:2018

(IEC 60519-12:2016)

Safety in installations for electroheating and electromagnetic processing. Particular requirements for infrared electroheating

PEL/27

EN IEC 60749-12:2018

(IEC 60749-12:2017)

Semiconductor devices. Mechanical and climatic test methods. Vibration, variable frequency

EPL/47

EN IEC 60942:2018

(IEC 60942:2017)

Electroacoustics. Sound calibrators

EPL/29

EN IEC 61076-2-111:2018

(IEC 61076-2-111:2017)

Connectors for electrical and electronic equipment. Product requirements. Circular connectors. Detail specification for power connectors with M12 screw-locking

EPL/48

EN IEC 61190-1-3:2018

(IEC 61190-1-3:2017)

Attachment materials for electronic assembly. Requirements for electronic grade solder alloys and fluxed and non-fluxed solid solder for electronic soldering applications

EPL/501

EN IEC 61281-1:2018

(IEC 61281-1:2017)

Fibre optic communication subsystems. Generic specification

GEL/86/3

EN 60068-2-69:—

(IEC 60068-2-69:2017/COR1:2018)

Environmental testing. Tests. Test Te/Tc: Solderability testing of electronic components and printed boards by the wetting balance (force measurement) method

CORRIGENDUM 1:March 2018

to EN 60068-2-69:2017

EPL/501

EN 60598-1:—

(IEC 60598-1:2014/A1:2017)

Luminaires. General requirements and tests

AMENDMENT 1:February 2018

to EN 60598-1:2015

CPL/34/4

EN 60669-1:2018

(IEC 60669-1:2017)

Switches for household and similar fixed electrical installations. General requirements

PEL/23

EN 62489-1:—

(IEC 62489-1:2010/A2:2017)

Electroacoustics. Audio-frequency induction loop systems for assisted hearing. Methods of measuring and specifying the performance of system components

AMENDMENT 2:February 2018

to EN 62489-1:2010

EPL/29

EN 62841-3-10:—

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for transportable cut-off machines

AMENDMENT 11:December 2017

to EN 62841-3-10:2015

CPL/116

IEC PUBLICATIONS

It is BSI policy to supply the UK version of all adopted standards, which are published as British standards, unless otherwise requested.

The following IEC publications are available from BSI Customer Services (see 'How to order' on page 2).

IEC/IEEE 60076-57:129:2017

Power transformers. Transformers for HVDC applications

£194.40 members, £216.00 non-members

PEL/14

IEC 60050-161:—

International electrotechnical vocabulary. Electromagnetic compatibility

AMENDMENT 7:August 2017

to IEC 60050-161:1990

£7.20 members, £8.00 non-members

GEL/1

IEC 60191-1:2018

Mechanical standardization of semiconductor devices. General rules for the preparation of outline drawings of discrete devices

£122.40 members, £136.00 non-members

EPL/47

IEC 60310:—

Railway applications. Traction transformers and inductors on board rolling stock

CORRIGENDUM 1:February 2018

to IEC 60310:2016

GEL/9/2

IEC 60317-73:2018

Specifications for particular types of winding wires. Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 200

£28.80 members, £32.00 non-members

L/-/99

IEC 60317-74:2018

Specifications for particular types of winding wires. Polyesterimide enamelled rectangular aluminium wire, class 180

£28.80 members, £32.00 non-members

L/-/99

IEC 60320-2-1:2018

Appliance couplers for household and similar general purposes. Sewing machine couplers

£50.40 members, £56.00 non-members

PEL/23/3

IEC 60335-2-5:—

Household and similar electrical appliances. Safety. Particular requirements for dishwashers

AMENDMENT 1:February 2018

to IEC 60335-2-5:2012

£14.40 members, £16.00 non-members

CPL/61

IEC 60335-2-87:—

Household and similar electrical appliances. Safety. Particular requirements for electrical animal stunning equipment

AMENDMENT 1:February 2018

to IEC 60335-2-87:2016

£7.20 members, £8.00 non-members

CPL/61/8

IEC 60364-4-41:—

Low voltage electrical installations. Protection for safety. Protection against electric shock

CORRIGENDUM 1:February 2018

to IEC 60364-4-41:2005

JPEL/64



Department for
Business, Energy
& Industrial Strategy

Office for Product
Safety & Standards

Supporting better product recalls

PAS 7100:2018 Code of practice on consumer product safety related recalls and other corrective action provides practical guidance on how to plan a timely and effective response if you need to execute a consumer product safety recall.

This PAS focus strongly on the importance of pre-planning product recalls and other corrective actions and has two parts: the first is for businesses; the second for regulators.

Part I provides guidance on how to:

- Manage a possible safety related product recall
- Establish mechanisms to monitor product safety
- Investigate potential product safety issues
- Establish mechanisms to deal with any product safety issue that arises

Part II covers how regulators can improve incident monitoring and data analysis, and help businesses prepare and deploy a Corrective Action Plan.

If a consumer product is found to be unsafe in the UK, organizations along the length of the supply chain have legal liability for consumer product recalls.

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IEC 60364-4-44:—

Low-voltage electrical installations. Protection for safety. Protection against voltage disturbances and electromagnetic disturbances

AMENDMENT 1:January 2018

to IEC 60364-4-44:2007

£14.40 members, £16.00 non-members

JPEL/64

IEC 60364-7-711:2018

Low-voltage electrical installations.

Requirements for special installations or locations. Exhibitions, shows and stands

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JPEL/64

IEC 60404-8-11:2018

Magnetic materials. Specifications for individual materials. Fe-based amorphous strip delivered in the semi-processed state

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ISE/108

IEC 60404-16:2018

Magnetic materials. Methods of measurement of the magnetic properties of Fe-based amorphous strip by means of a single sheet tester

£122.40 members, £136.00 non-members

ISE/108

IEC 60601-2-4:—

Medical electrical equipment. Particular requirements for the basic safety and essential performance of cardiac defibrillators

AMENDMENT 1:February 2018

to IEC 60601-2-4:2010

£50.40 members, £56.00 non-members

CH/62/4

IEC 60700-2:—

Thyristor valves for high voltage direct current (HVDC) power transmission. Terminology

CORRIGENDUM 1:June 2017

to IEC 60700-2:2016

PEL/22

IEC 60721-3-1:2018

Classification of environmental conditions. Classification of groups of environmental parameters and their severities. Storage

£50.40 members, £56.00 non-members

GEL/104

IEC 60721-3-2:2018

Classification of environmental conditions. Classification of groups of environmental parameters and their severities. Transportation and Handling

£50.40 members, £56.00 non-members

GEL/104

IEC 60730-2-13:—

Automatic electrical controls. Particular requirements for humidity sensing controls

CORRIGENDUM 1:February 2018

to IEC 60730-2-13:2017

CPL/72

IEC 60749-13:2018

Semiconductor devices. Mechanical and climatic test methods. Salt atmosphere

£50.40 members, £56.00 non-members

EPL/47

IEC 60799:2018

Electrical accessories. Cord sets and interconnection cord sets

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IEC 61000-6-4:2018

Electromagnetic compatibility (EMC). Generic standards. Emission standard for industrial environments

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IEC 61076-2-111:2017

Connectors for electrical and electronic equipment. Product requirements. Circular connectors. Detail specification for power connectors with M12 screw-locking

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IEC 61215-2:—

Terrestrial photovoltaic (PV) modules. Design qualification and type approval. Test procedures

CORRIGENDUM 1:March 2018

to IEC 61215-2:2016

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IEC 61291-1:2018

Optical amplifiers. Generic specification

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IEC/TR 61340-1:—

Electrostatics. Electrostatic phenomena. Principles and measurements

CORRIGENDUM 2:December 2017

to IEC/TR 61340-1:2012

GEL/101

IEC 61347-2-14:2018

Lamp controlgear. Particular requirements for DC and/or AC supplied electronic control gear for fluorescent induction lamps

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CPL/34/3

IEC/TS 61724-3:—

Photovoltaic system performance. Energy evaluation method

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to IEC/TS 61724-3:2016

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IEC 61757:2018

Fibre optic sensors. Generic specification

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IEC 61810-1:—

Electromechanical elementary relays. General and safety requirements

CORRIGENDUM 2:February 2018

to IEC 61810-1:2015

EPL/94

IEC 61810-1:—

Electromechanical elementary relays. General and safety requirements

CORRIGENDUM 1:June 2017

to IEC 61810-1:2015

EPL/94

IEC 61967-4:—

Integrated circuits. Measurement of electromagnetic emissions, 150 kHz to 1 GHz. Measurement of conducted emissions, 1 ohm/150 ohm direct coupling method

CORRIGENDUM 1:June 2017

to IEC 61967-4:2002

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IEC 62031:2018

LED modules for general lighting. Safety specifications

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IEC 62236-1:2018

Railway applications. Electromagnetic compatibility. General

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Railway applications. Electromagnetic compatibility. Emission of the whole railway system to the outside world

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IEC 62236-3-1:2018

Railway applications. Electromagnetic compatibility. Rolling stock. Train and complete vehicle

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IEC 62246-1-1:2018

Reed switches. Generic specification. Blank detail specification

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IEC/TR 62453-51-10:2017

Field Device Tool (FDT) Interface Specification. Communication implementation for common object model. IEC 61784 CPF 1

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IEC/TR 62453-51-20:2017

Field device tool (FDT) interface specification. Communication implementation for common object model. IEC 61784 CPF 2. Communication implementation for common object model

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IEC/TR 62453-51-60:2017

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IEC/TR 62453-51-150:2017

Field device tool (FDT) interface specification. Communication implementation for common object model. IEC 61784 CPF 15

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IEC 62489-1:—

Electroacoustics. Audio-frequency induction loop systems for assisted hearing. Methods of measuring and specifying the performance of system components

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to IEC 62489-1:2010

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IEC 62576:2018

Electric double-layer capacitors for use in hybrid electric vehicles. Test methods for electrical characteristics

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IEC 62631-2-1:2018

Dielectric and resistive properties of solid insulating materials. Relative permittivity and dissipation factor. Technical Frequencies (0,1 Hz-10 MHz). AC Methods

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IEC 62684:2018

Interoperability specifications of common external power supply (EPS) for use with data-enabled mobile telephones

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IEC 62702-1-1:—

Audio archive system. DVD disk and data migration for long term audio data storage

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to IEC 62702-1-1:2016

EPL/100

IEC 62820-3-2:2018

Building intercom systems. Application guidelines. Advanced security building intercom systems (ASBIS)

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IEC/TS 62862-1-1:2018

Solar thermal electric plants. Terminology

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IEC/TR 62905:2018

Exposure assessment methods for wireless power transfer systems

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IEC 62933-1:2018

Electrical energy storage (EES) systems. Vocabulary

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IEC 62969-2:2018

Semiconductor devices. Semiconductor interface for automotive vehicles. Efficiency evaluation methods of wireless power transmission using resonance for automotive vehicles sensors

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IEC/TS 62989:2018

Primary optics for concentrator photovoltaic systems

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IEC/TS 63014-1:2018

High voltage direct current (HVDC) power transmission. System requirements for DC-side equipment. Using line-commutated converters

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PEL/22/-2

IEC 80601-2-49:2018

Medical electrical equipment. Particular requirements for the basic safety and essential performance of multifunction patient monitors

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CH/62/4

CISPR 16-1-2:—

Specification for radio disturbance and immunity measuring apparatus and methods. Radio disturbance and immunity measuring apparatus. Coupling devices for conducted disturbance measurements

AMENDMENT 1: November 2017

to CISPR 16-1-2:2014

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GEL/210/11

IEC/PAS PUBLICATIONS**IEC/PAS 63124:2017**

Tumble dryers for commercial use. Methods for measuring the performance

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CPL/59/1

ISO PUBLICATIONS

It is BSI policy to supply the UK version of all adopted standards, which are published as British standards, unless otherwise requested.

The following ISO publications are available from BSI Customer Services (see 'How to order' on page 2).

ISO/CIE 8995-3:2018

Lighting of work places. Lighting requirements for safety and security of outdoor work places

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EL/1

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ISO 2081:2018

Metallic and other inorganic coatings. Electroplated coatings of zinc with supplementary treatments on iron or steel

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STI/33

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ISO 3743-2:2018

Acoustics. Determination of sound power levels of noise sources using sound pressure.

Engineering methods for small, movable sources in reverberant fields. Methods for special reverberation test rooms

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EH/1/4

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ISO 4098:2018

Leather. Chemical tests. Determination of water-soluble matter, water-soluble inorganic matter and water-soluble organic matter

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ISO 4254-5:2018

Agricultural machinery. Safety. Power-driven soil-working machines

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Hardmetals. Compression test

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ISO 4885:2018

Ferrous materials. Heat treatments. Vocabulary
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ISO 6507-4:2018

Metallic materials. Vickers hardness test. Tables of hardness values
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ISE/101/5

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ISO 6621-1:2018

Internal combustion engines. Piston rings. Vocabulary

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ISO 7345:2018

Thermal performance of buildings and building components. Physical quantities and definitions
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ISO 7500-1:2018

Metallic materials. Calibration and verification of static uniaxial testing machines. Tension/compression testing machines. Calibration and verification of the force-measuring system

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ISE/101/1

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ISO 7668:2018

Anodizing of aluminium and its alloys. Measurement of specular reflectance and specular gloss of anodic oxidation coatings at angles of 20 degrees, 45 degrees, 60 degrees or 85 degrees

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STI/33

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ISO 8124-1:2018

Safety of toys. Safety aspects related to mechanical and physical properties

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CW/15

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ISO 8442-9:2018

Materials and articles in contact with foodstuffs. Cutlery and table holloware. Requirements for ceramic knives

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CW/17

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ISO 8654:2018

Jewellery. Colours of gold alloys. Definition, range of colours and designation

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STI/53

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ISO 8871-3:—

Elastomeric parts for parenterals and for devices for pharmaceutical use. Determination of released-particle count

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to ISO 8871-3:2003

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Cheese, cheese rind and processed cheese. Determination of natamycin content. Molecular absorption spectrometric method for cheese rind

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AW/5

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ISO 9233-2:2018

Cheese, cheese rind and processed cheese. Determination of natamycin content. High-performance liquid chromatographic method for cheese, cheese rind and processed cheese

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AW/5

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ISO/IEC/IEEE 8802-3:—

Information technology. Telecommunications and information exchange between systems. Local and metropolitan area networks. Specific requirements. Standard for Ethernet

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to ISO/IEC/IEEE 8802-3:2017

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IST/6

Will not be implemented as a British Standard

ISO/IEC/IEEE 8802-1Q:—

Information technology. Telecommunications and information exchange between systems. Local and metropolitan area networks. Specific requirements. Bridges and bridged networks

AMENDMENT 1:October 2017

to ISO/IEC/IEEE 8802-1Q:2016

IST/6

Will not be implemented as a British Standard

ISO/IEC/IEEE 8802-15-4:2018

Information technology. Telecommunications and information exchange between systems. Local and metropolitan area networks. Specific requirements. Wireless medium access control (MAC) and physical layer (PHY) specifications for low-rate wireless personal area networks (WPANs)

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Ceramic tiles. Determination of water absorption, apparent porosity, apparent relative density and bulk density

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ISO 11133:—

Microbiology of food, animal feed and water. Preparation, production, storage and performance testing of culture media

AMENDMENT 1:February 2018

to ISO 11133:2014

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Plastics. Differential scanning calorimetry (DSC). Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT)

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PRU/21

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ISO 12570:—

Hygrothermal performance of building materials and products. Determination of moisture content by drying at elevated temperature

AMENDMENT 2:March 2018

to ISO 12570:2000

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B/540/8

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ISO 12944-5:2018

Paints and varnishes. Corrosion protection of steel structures by protective paint systems. Protective paint systems

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ISO/IEC 13818-1:2018

Information technology. Generic coding of moving pictures and associated audio information. Systems

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IST/37

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ISO 14024:2018

Environmental labels and declarations. Type I environmental labelling. Principles and procedures

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ISO/IEC 14496-3:—

Information technology. Coding of audio-visual objects. Audio

AMENDMENT 6: March 2018

to ISO/IEC 14496-3:2009

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IST/37

Will not be implemented as a British Standard

ISO/IEC 14496-12:—

Information technology. Coding of audio-visual objects. ISO base media file format

AMENDMENT 2: February 2018

to ISO/IEC 14496-12:2015

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IST/37

Will not be implemented as a British Standard

ISO/IEC 14496-15:—

Information technology. Coding of audio-visual objects. Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format

AMENDMENT 1: February 2018

to ISO/IEC 14496-15:2017

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Road vehicles. Vehicle to grid communication interface. Physical layer and data link layer requirements for wireless communication

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ISO 17892-8:2018

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ISO 20863:2018

Footwear. Test methods for stiffeners and toepuffs. Bondability

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ISO 20871:2018

Footwear. Test methods for outsoles. Abrasion resistance

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TCI/69

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ISO 20873:2018

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ISO 21904-3:2018

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ISO/IEC 23008-2:—

Information technology. High efficiency coding and media delivery in heterogeneous environments. High efficiency video coding

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