

# UPDATE STANDARDS

## Driving better health outcomes through innovations in food production

Both the pandemic and the independent National Food Strategy (The Plan, published in July 2021 by Henry Dimbleby) have raised concerns about the food we eat and population health. Now is the time to consider how we address food systems in future to enhance nutrition, ensure sustainability and protect security of supply chains.

**Learn more:** <https://bit.ly/3GmewM7>

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# Welcome to Update Standards

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To view past Update Standards including ETSI data, please visit <https://shop.bsigroup.com/USarchive2020>



## Get help confirming that large steam sterilizers for hospitals and laboratories are safe

Anyone responsible for the manufacture, installation, validation and, maintenance of large steam sterilizers should now get: **BS EN 285:2015+A1:2021 Sterilization – Steam sterilizers – Large sterilizers.**

This standard specifies test procedures and acceptance criteria to confirm whether sterilizers are safe and performing reliably.



Learn more:  
<https://pages.bsigroup.com/BSEN285>



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# British Standards – Quick Reference Guide

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The publications listed below are new and revised British Standards that were made available last month.

An existing BSI publication bearing a number identical to one announced below is automatically withdrawn unless stated otherwise.

In all other cases of supersession, details are given and a corresponding entry appears in the 'British Standards withdrawn' section.

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### BS 0:2021

A standard for standards. Principles of standardization

supersedes BS 0:2016

ISBN 978 0 539 13467 4

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SPSC/-3

### BS 7666-0:2021

Spatial datasets for geographical referencing. Specification. General model for gazetteers and spatial referencing

supersedes BS 7666-0:2006

ISBN 978 0 539 12891 8

£67.00 members, £134.00 non-members

IST/36

### BS 8561:2021

Specification for mechanical fittings for use in the repair, connection and renovation of pressurized water supply pipelines. Requirements and test methods

supersedes BS 8561:2013

ISBN 978 0 539 15372 9

£93.00 members, £186.00 non-members

B/504

### BS 11130:2021

Cardboard baby boxes for domestic use. Safety requirements and test methods

no current standard is superseded

ISBN 978 0 539 15827 4

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CW/1

### BS 31100:2021

Risk management. Code of practice and guidance for the implementation of BS ISO 31000:2018

supersedes BS 31100:2011

ISBN 978 0 539 16219 6

£109.00 members, £218.00 non-members

RM/1

## BS EN PUBLICATIONS

The following are British Standard implementations of the English language versions of European Standards (ENs).

BSI has an obligation to publish all ENs and to withdraw any conflicting British Standards. This has led to a series of standards, BS ENs, using the EN number.

**Note:** The date referenced in the identifier is the date of the European standard.

### BS EN 246:2021

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AW/10

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MCE/18/-/5

**BS ISO 10094-2:2021**

Pneumatic fluid power. Electro-pneumatic pressure control valves. Test methods to determine main characteristics to include in the supplier's literature  
supersedes BS ISO 10094-2:2010  
ISBN 978 0 580 99892 8  
£109.00 members, £218.00 non-members  
MCE/18/-/5

**BS ISO 20290-1:2021**

Aggregates for concrete. Test methods for mechanical and physical properties. Determination of bulk density, particle density, particle mass-per-volume and water absorption  
no current standard is superseded  
ISBN 978 0 580 99889 8  
£67.00 members, £134.00 non-members  
B/517/1

**BS ISO 20529-2:2021**

Intelligent transport systems. Framework for Green ITS (G-ITS) standards. Integrated mobile service applications  
no current standard is superseded  
ISBN 978 0 580 51644 3  
£140.00 members, £280.00 non-members  
EPL/278

**BS ISO 21111-6:2021**

Road vehicles. In-vehicle Ethernet. Electrical 100-Mbit/s physical entity requirements and conformance test plan  
no current standard is superseded  
ISBN 978 0 539 13205 2  
£168.00 members, £336.00 non-members  
AUE/16

**BS ISO 21191:2021**

Equipment for crop protection. Closed transfer systems (CTS). Performance specification  
no current standard is superseded  
ISBN 978 0 580 93609 8  
£93.00 members, £186.00 non-members  
AGE/15

**BS ISO 21621:2021**

Tourism and related services. Traditional restaurants. Visual aspects, decoration and services  
no current standard is superseded  
ISBN 978 0 539 00910 1  
£93.00 members, £186.00 non-members  
SVS/2

**BS ISO/IEC 21838-2:2021**

Information technology. Top-level ontologies (TLO). Basic Formal Ontology (BFO)  
no current standard is superseded  
ISBN 978 0 580 51662 7  
£93.00 members, £186.00 non-members  
IST/40

**BS ISO 22195-6:2021**

Textiles. Determination of index ingredient from coloured textile. Punica granatum  
no current standard is superseded  
ISBN 978 0 539 06311 0  
£56.00 members, £112.00 non-members  
TCI/100

**BS ISO 22679:2021**

Cardiovascular implants. Transcatheter cardiac occluders  
no current standard is superseded  
ISBN 978 0 580 51866 9  
£140.00 members, £280.00 non-members  
CH/150/2

**BS ISO 22862:2021**

Fertilizers and soil conditioners. Compound fertilizer. General requirements  
no current standard is superseded  
ISBN 978 0 580 52124 9  
£67.00 members, £134.00 non-members  
CII/37

**BS ISO 23314-2:2021**

Ships and marine technology. Ballast water management systems (BWMS). Risk assessment and risk reduction of BWMS using electrolytic methods  
no current standard is superseded  
ISBN 978 0 539 06775 0  
£109.00 members, £218.00 non-members  
SME/32

**BS ISO 23840:2021**

Water hydraulics. Water-hydraulic pumps. Methods of testing and representing basic steady-state performance

no current standard is superseded

ISBN 978 0 539 03954 2

£93.00 members, £186.00 non-members

MCE/18/-/8

**BS ISO 24252:2021**

Biogas systems. Non-household and non-gasification

no current standard is superseded

ISBN 978 0 539 06108 6

£130.00 members, £260.00 non-members

PTV/15

**BS ISO 24487-1:2021**

Graphic technology. Process less lithographic plates. Evaluation methods for characteristics and performance

no current standard is superseded

ISBN 978 0 539 06837 5

£109.00 members, £218.00 non-members

PAI/43

**BS ISO/IEC 27551:2021**

Information security, cybersecurity and privacy protection. Requirements for attribute-based unlinkable entity authentication

no current standard is superseded

ISBN 978 0 580 96735 1

£109.00 members, £218.00 non-members

IST/33/5

**BS ISO/IEC 27013:2021**

Information security, cybersecurity and privacy protection. Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1

supersedes BS ISO/IEC 27013:2015

ISBN 978 0 539 05586 3

£130.00 members, £260.00 non-members

IST/33/1

**BS ISO/IEC 28360-1:2021**

Information technology. Determination of chemical emission rates from electronic equipment. Using consumables

supersedes BS ISO/IEC 28360-1:2018

ISBN 978 0 539 16527 2

£130.00 members, £260.00 non-members

ICT/1

**BS ISO/IEC 29140:2021**

Information technology for learning, education and training. Nomadicity and mobile technologies

no current standard is superseded

ISBN 978 0 539 16517 3

£93.00 members, £186.00 non-members

IST/43

**BS ISO/IEC 29160:2020**

Information technology. Radio frequency identification for item management. RFID Emblem

supersedes BS ISO/IEC 29160:2012

ISBN 978 0 580 52434 9

£93.00 members, £186.00 non-members

IST/34

**BS ISO 42500:2021**

Sharing economy. General principles

no current standard is superseded

ISBN 978 0 539 15340 8

£56.00 members, £112.00 non-members

SCP/1/4

**PUBLISHED DOCUMENTS****PD CEN/TS 14237:2021**

Textiles for healthcare and social services facilities

supersedes DD ENV 14237:2002 and PD

CEN/TS 14237:2015

ISBN 978 0 539 05033 2

£93.00 members, £186.00 non-members

TCI/66

**PD CEN/TS 17440:2020**

Assessment and retrofitting of existing structures

no current standard is superseded

ISBN 978 0 580 93645 6

£130.00 members, £260.00 non-members

B/525/-/3

**PD CEN/TS 17659:2021**

Design guideline for mechanically fastened roof waterproofing systems

no current standard is superseded

ISBN 978 0 539 16430 5

£93.00 members, £186.00 non-members

B/546

**PD CEN ISO/TS 16775:2021**

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

supersedes PD CEN ISO/TS 16775:2014

ISBN 978 0 539 14192 4

£175.00 members, £350.00 non-members

CH/198

**PD CEN ISO/TS 21596:2021**

Solid biofuels. Determination of grindability. Hardgrove type method for thermally treated biomass fuels

no current standard is superseded

ISBN 978 0 580 52078 5

£67.00 members, £134.00 non-members

PTV/17

**PD IEC/TR 60286-3-3:2021**

Packaging of components for automatic handling. Packaging of surface mount components on continuous paper tapes for Auto Loading Feeder

no current standard is superseded

ISBN 978 0 539 15670 6

£93.00 members, £186.00 non-members

W/-

**PD IEC/TR 60286-3-4:2021**

Packaging of components for automatic handling. Packaging of surface mount components on continuous embossed tapes for Auto Loading Feeder

no current standard is superseded

ISBN 978 0 539 15671 3

£93.00 members, £186.00 non-members

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**PD IEC/TR 60747-5-12:2021**

Semiconductor devices. Optoelectronic devices. Light emitting diodes. Test method of LED efficiencies

no current standard is superseded

ISBN 978 0 539 01707 6

£140.00 members, £280.00 non-members

EPL/47

**PD IEC/TR 63396:2021**

Noise measurement method on power capacitors

no current standard is superseded

ISBN 978 0 539 18008 4

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**PD ISO/TR 10657:2021**

Explanatory notes on ISO 76

no current standard is superseded

ISBN 978 0 580 93937 2

£123.00 members, £246.00 non-members

MCE/7

**PD ISO/TS 13399-4:2021**

Cutting tool data representation and exchange. Reference dictionary for adaptive items

supersedes PD ISO/TS 13399-4:2014

ISBN 978 0 539 15455 9

£175.00 members, £350.00 non-members

MTE/15

**PD ISO/TS 17420-9:2021**

Respiratory protective devices. Performance requirements. Special application chemical, biological, radiological and nuclear (CBRN) supplied breathable RPD

no current standard is superseded

ISBN 978 0 539 05393 7

£123.00 members, £246.00 non-members

PH/4

**PD ISO/TS 18683:2021**

Guidelines for safety and risk assessment of LNG fuel bunkering operations

supersedes PD ISO/TS 18683:2015

ISBN 978 0 539 17980 4

£123.00 members, £246.00 non-members

PSE/17/-/9

**PD ISO/TS 18950:2021**

Imaging materials. Photographic prints. Effect of light sources on degradation under museum conditions

no current standard is superseded

ISBN 978 0 539 01790 8

£93.00 members, £186.00 non-members

CPW/42

**PD ISO/TS 20388:2021**

Biotechnology. Biobanking. Requirements for animal biological material

no current standard is superseded

ISBN 978 0 580 99518 7

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BTI/1

**PD ISO/TS 22690:2021**

Genomics informatics. Reliability assessment criteria for high-throughput gene-expression data

no current standard is superseded

ISBN 978 0 539 06772 9

£67.00 members, £134.00 non-members

IST/35

**PD ISO/TS 23258:2021**

Blockchain and distributed ledger technologies. Taxonomy and Ontology

no current standard is superseded

ISBN 978 0 580 99868 3

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DLT/1

**PD ISO/TS 23302:2021**

Nanotechnologies. Requirements and recommendations for the identification of measurands that characterise nano-objects and materials that contain them

no current standard is superseded

ISBN 978 0 539 00467 0

£140.00 members, £280.00 non-members

NTI/1

**PD ISO/IEC TS 23532-2:2021**

Information security, cybersecurity and privacy protection. Requirements for the competence of IT security testing and evaluation laboratories. Testing for ISO/IEC 19790

no current standard is superseded

ISBN 978 0 539 20195 6

£109.00 members, £218.00 non-members

IST/33/3

**PD ISO/IEC TR 24027:2021**

Information technology. Artificial intelligence (AI). Bias in AI systems and AI aided decision making

no current standard is superseded

ISBN 978 0 539 16390 2

£123.00 members, £246.00 non-members

ART/1

**PD ISO/TS 24289:2021**

Health informatics. Hierarchical file structure specification for secondary storage of health-related information

no current standard is superseded

ISBN 978 0 539 13128 4

£67.00 members, £134.00 non-members

IST/35

**PD ISO/IEC TR 24587:2021**

Software and systems engineering. Agile development. Agile adoption considerations

no current standard is superseded

ISBN 978 0 539 16629 3

£93.00 members, £186.00 non-members

IST/15

**PD ISO/TS 24634:2021**

Management of terminology resources. TBX-compliant representation of concept relations and subject fields

no current standard is superseded

ISBN 978 0 539 13692 0

£93.00 members, £186.00 non-members

TS/1

**PUBLICLY AVAILABLE SPECIFICATIONS**

Publicly Available Specifications (formerly Product Assessment Specifications) are issued to provide an interim document where there is a market need but where a full British or European Standard has yet to be published.

**PAS 234:2021**

Iron enriched bean and pearl millet grain. Specification

no current standard is superseded

ISBN 978 0 539 17869 2

£0.00 members, £0.00 non-members

ZZ/5

**BSI FLEX**

**BSI Flex 0 v1.0:2021-11**

Principles of BSI Flex standardization

no current standard is superseded

£0.00 members, £0.00 non-members

**CORRIGENDA TO BRITISH STANDARDS**

Most amendments are not issued separately. Those that make significant changes to a standard are incorporated into the standard which is reissued (see 'Updated British Standards'). British Standards which have been corrected via corrigenda are available on request, free of charge to past purchasers of the standard. All amendments and corrigenda to date of despatch are included within any main publication when ordered for the first time.

The following corrigenda to British Standards were made available last month.

**BS EN 13870:2015+A1:2021**

Food processing machinery. Portion cutting machines. Safety and hygiene requirements

To be completed

£130.00 members, £260.00 non-members

MCE/3/5

Amendment, November 2021

**BS EN 16510-1:2018**

Residential solid fuel burning appliances. General requirements and test methods

To be completed

£175.00 members, £350.00 non-members

RHE/28

Corrigendum, December 2021

**BS EN 16656:2014**

Information technology. Radio frequency identification for item management. RFID Emblem

To be completed

£93.00 members, £186.00 non-members

IST/34

Corrigendum, November 2021

**BS EN 17037:2018**

Daylight in buildings

To be completed

£140.00 members, £280.00 non-members

EL/1

Corrigendum, November 2021

**BS EN 61534-21:2014+A11:2021**

Powertrack systems. Particular requirements for powertrack systems intended for wall and ceiling mounting

To be completed

£67.00 members, £134.00 non-members

PEL/213

**BS EN 61666:2010+A1:2021**

Industrial systems, installations and equipment and industrial products. Identification of terminals within a system

To be completed

£67.00 members, £134.00 non-members

GEL/3

Amendment, August 2021

**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 EN 12516-2:2014+A1:2021**

Industrial valves. Shell design strength. Calculation method for steel valve shells

To be completed

£149.00 members, £298.00 non-members

PSE/18/1

Amendment, November 2021

**DESIGNATED STANDARDS**

**BS EN IEC 62512:2020+A11:2020**

Electric clothes washer-dryers for household use. Methods for measuring the performance

CLC/TC 59X



**BS EN 60456:2016+A11:2020**

Clothes washing machines for household use. Methods for measuring the performance

CLC/TC 59X

## 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 ISO 283:2015**

Textile conveyor belts. Full thickness tensile strength, elongation at break and elongation at the reference load. Test method

PRI/67

**BS EN ISO 662:2016**

Animal and vegetable fats and oils. Determination of moisture and volatile matter content

AW/307

**BS EN ISO 3411:2007**

Earth-moving machinery. Physical dimensions of operators and minimum operator space envelope

B/513/1

**BS EN ISO 4921:2002**

Knitting. Basic concepts. Vocabulary

TCI/66

**BS EN ISO 4934:2003**

Steel and iron. Determination of sulfur content. Gravimetric method

ISE/102

**BS EN ISO 6009:2016**

Hypodermic needles for single use. Colour coding for identification

CH/84

**BS EN ISO 7864:2016**

Sterile hypodermic needles for single use. Requirements and test methods

CH/84

**BS EN ISO 8442-5:2004**

Materials and articles in contact with foodstuffs. Cutlery and holloware. Specification for sharpness and edge retention test of cutlery

CW/29

**BS EN ISO 9626:2016**

Stainless steel needle tubing for the manufacture of medical devices. Requirements and test methods

CH/84

**BS EN ISO 10938:2016**

Ophthalmic optics. Chart displays for visual acuity measurement. Printed, projected and electronic

CH/172

**BS EN ISO 11381:2016**

Ophthalmic optics. Spectacle frames. Screw threads

CH/172

**BS EN ISO 11608-7:2017**

Needle-based injection systems for medical use – Requirements and test methods. Accessibility for persons with visual impairment

CH/84

**BS EN 12588:2006**

Lead and lead alloys. Rolled lead sheet for building purposes

NFE/22

**BS EN ISO 12966-3:2016**

Animal and vegetable fats and oils. Gas chromatography of fatty acid methyl esters. Preparation of methyl esters using trimethylsulfonium hydroxide (TMSH)

AW/307

**BS EN ISO 13078-2:2016**

Dentistry. Dental furnace. Test method for evaluation of furnace programme via firing glaze

CH/106/2

**BS EN 13145:2001+A1:2011**

Railway applications. Track. Wood sleepers and bearers

RAE/2

**BS EN 13230-1:2016**

Railway applications. Track. Concrete sleepers and bearers. General requirements

RAE/2

**BS EN 13230-2:2016**

Railway applications. Track. Concrete sleepers and bearers. Prestressed monoblock sleepers

RAE/2

**BS EN 13230-3:2016**

Railway applications. Track. Concrete sleepers and bearers. Twin-block reinforced sleepers

RAE/2

**BS EN 13230-5:2016**

Railway applications. Track. Concrete sleepers and bearers. Special elements

RAE/2

**BS EN 13772:2011**

Textiles and textile products. Burning behaviour. Curtains and drapes. Measurement of flame spread of vertically oriented specimens with large ignition source

TCI/66/-/8

**BS EN 14067-1:2003**

Railway applications. Aerodynamics. Symbols and units

RAE/11-/4

**BS EN 14067-3:2003**

Railway applications. Aerodynamics. Aerodynamics in tunnels

RAE/11-/4

**BS EN 14621:2005**

Textiles. Multifilament yarns. Methods of test for textured or non-textured filament yarns

TCI/24

**BS EN 14697:2005**

Textiles. Terry towels and terry towel fabrics. Specifications and methods of test

TCI/66

**BS EN 14813-1:2006+A1:2010**

Railway applications. Air conditioning for driving cabs. Comfort parameters

RAE/4/-/3

**BS EN 14813-2:2006+A1:2010**

Railway applications. Air conditioning for driving cabs. Type tests

RAE/4/-/3

**BS EN 14829:2007**

Independent gas-fired flueless space heaters for nominal heat input not exceeding 6 kW

GSE/36

**BS EN 14865-1:2009+A1:2010**

Railway applications. Axlebox lubricating greases. Method to test the ability to lubricate

RAE/3/-/2

**BS EN 15461:2008+A1:2010**

Railway applications. Noise emission. Characterization of the dynamic properties of track selections for pass by noise measurements

EH/1/2

**BS EN ISO 15618-1:2016**

Qualification testing of welders for underwater welding. Hyperbaric wet welding

WEE/36

**BS EN ISO 16170:2016**

In situ test methods for high efficiency filter systems in industrial facilities

**BS EN 16515:2015**

Conservation of Cultural Heritage. Guidelines to characterize natural stone used in cultural heritage

B/560

**BS EN 16572:2015**

Conservation of cultural heritage. Glossary of technical terms concerning mortars for masonry, renders and plasters used in cultural heritage

B/560

**BS EN 16657:2016+A1:2018**

Tanks for the transport of dangerous goods. Transport tank equipment for overfill prevention devices for static tanks

AUE/18

**BS EN 16727-2-2:2016**

Railway applications. Track. Noise barriers and related devices acting on airborne sound propagation. Non-acoustic performance. Mechanical performance under dynamic loadings caused by passing trains. Calculation method

RAE/2

**BS EN 16729-1:2016**

Railway applications. Infrastructure. Non-destructive testing on rails in track. Requirements for ultrasonic inspection and evaluation principles

RAE/2

**BS EN 16730:2016**

Railway applications. Track. Concrete sleepers and bearers with under sleeper pads

RAE/2

**BS EN 16782:2016**

Conservation of cultural heritage. Cleaning of porous inorganic materials. Laser cleaning techniques for cultural heritage

B/560

**BS EN ISO 19132:2008**

Geographic information. Location based services. Reference model

IST/36

**BS EN ISO 21028-1:2016**

Cryogenic vessels. Toughness requirements for materials at cryogenic temperature. Temperatures below -80 °C

PVE/18

**BS EN ISO 21078-1:2008**

Determination of boron (III) oxide in refractory products. Determination of total boron (III) oxide in oxidic materials for ceramics, glass and glazes

RPI/1

**BS ISO 517:2008**

Photography. Apertures and related properties pertaining to photographic lenses. Designations and measurements

CPW/172

**BS ISO 765:2016**

Pesticides considered not to require common names

AW/81

**BS ISO 2901:2016**

ISO metric trapezoidal screw threads. Basic and design profiles

FME/9

**BS ISO 2902:2016**

ISO metric trapezoidal screw threads. General plan

FME/9

**BS ISO 2903:2016**

ISO metric trapezoidal screw threads. Tolerances

FME/9

**BS ISO 3846:2008**

Hydrometry. Open channel flow measurement using rectangular broad-crested weirs

CPI/113/2

**BS ISO 4149:2005**

Green coffee. Olfactory and visual examination and determination of foreign matter and defects

W/-

**BS ISO 6420:2016**

Hydrometry. Position fixing equipment for hydrometric boats

CPI/113/1

**BS ISO 6670:2002**

Instant coffee. Sampling method for bulk units with liners

W/-

**BS ISO 6673:2003**

Green coffee. Determination of loss in mass at 105°C

W/-

**BS ISO 7257:2016**

Aircraft. Hydraulic tubing joints and fittings. Rotary flexure test

ACE/69

**BS ISO 8278:2016**

Aerospace series. Hydraulic, pressure compensated, variable delivery pumps. General requirements

ACE/69

**BS ISO/IEC 8632-4:1999**

Information technology. Computer graphics. Metafile for the storage and transfer of picture description information. Clear text encoding

IST/31

**BS ISO 9022-1:2016**

Optics and photonics. Environmental test methods. Definitions, extent of testing

CPW/172

**BS ISO 9022-9:2016**

Optics and photonics. Environmental test methods. Solar radiation and weathering

CPW/172

**BS ISO 9116:2004**

Green coffee. Guidelines on methods of specification

W/-

**BS ISO 9336-1:2010**

Optics and photonics. Optical transfer function. Application. Interchangeable lenses for 35 mm still cameras

CPW/172

**BS ISO 9940:2015**

Aerospace series. Fluid, hydraulic, phosphate ester-base, fire resistant. Technical specification

ACE/69

**BS ISO 10378:2016**

Copper, lead and zinc sulfide concentrates. Determination of gold and silver. Fire assay gravimetric and flame atomic absorption spectrometric method

W/-

**BS ISO 10676:2010**

Fine ceramics (advanced ceramics, advanced technical ceramics). Test method for water purification performance of semiconducting photocatalytic materials by measurement of forming ability of active oxygen

RPI/13

**BS ISO 11040-2:2011**

Prefilled syringes. Plunger stoppers for dental local anaesthetic cartridges

CH/212

**BS ISO 11323:2010**

Iron ore and direct reduced iron. Vocabulary

ISE/58

**BS ISO 11639:2010**

Aerospace. Part numbering for hose assemblies

ACE/69

**BS ISO 11783-11:2011**

Tractors and machinery for agriculture and forestry. Serial control and communications data network. Mobile data element dictionary

AGE/6

**BS ISO 11893:2011**

Space systems. Programme management. Project organization

ACE/68

**BS ISO 12573:2010**

Aircraft. Tubing tolerances. Inch series

ACE/69

**BS ISO 12640-4:2011**

Graphic technology. Prepress digital data exchange. Wide gamut display-referred standard colour image data [Adobe RGB (1998)/SCID]

PAI/43

**BS ISO 12745:2008**

Copper, lead and zinc ores and concentrates. Precision and bias of mass measurement techniques

W/-

**BS ISO 12824:2016**

Royal jelly. Specifications

AW/34/19

**BS ISO 14230-2:2016**

Road vehicles. Diagnostic communication over K-Line (DoKLine). Data link layer

AUE/16

**BS ISO/IEC 14478-2:1998 Version 2**

Information technology. Computer graphics and image processing. Presentation environment for multimedia objects (PREMO). Foundation component

IST/31

**BS ISO/IEC 14957:2010**

Information technology. Representation of data element values. Notation of the format

IST/40

**BS ISO 15143-1:2010**

Earth-moving machinery and mobile road construction machinery. Worksite data exchange. System architecture

B/513/1

**BS ISO 15217:2000**

Fluid power systems and components. 16mm square electrical connector with earth contact. Characteristics and requirements

MCE/18/-/5

**BS ISO 16682:2015**

Aerospace series. Terminology for clamping devices

ACE/69

**BS ISO 17566:2011**

Space systems. General test documentation

ACE/68

**BS ISO 17851:2016**

Space systems. Space environment simulation for material tests. General principles and criteria

ACE/68

**BS ISO 18071:2016**

Fine ceramics (advanced ceramics, advanced technical ceramics). Determination of antiviral activity of semiconducting photocatalytic materials under indoor lighting environment. Test method using bacteriophage Q-beta

RPI/13

**BS ISO 18373-2:2008**

Rigid PVC pipes. Differential scanning calorimetry (DSC) method. Measurement of the enthalpy of fusion of crystallites

PRI/88/4

**BS ISO 18646-1:2016**

Robotics. Performance criteria and related test methods for service robots. Locomotion for wheeled robots

AMT/10

**BS ISO/IEC 19086-1:2016**

Information technology. Cloud computing. Service level agreement (SLA) framework. Overview and concepts

IST/38

**BS ISO 19104:2016**

Geographic information. Terminology

IST/36

**BS ISO 19631:2015**

Aerospace series. Tube fittings for fluid systems, 5 080 psi (35 000 kPa). Qualification specification

ACE/69

**BS ISO 19632:2015**

Aerospace series. Fitting end, 24° internal cone, external thread, flareless type extra fine thread pitch inch series. Design standard

ACE/69

**BS ISO/IEC 19756:2011**

Information technology. Topic maps. Constraint language (TMCL)

IST/41

**BS ISO 10110-9:2016**

Optics and photonics. Preparation of drawings for optical elements and systems. Surface treatment and coating

CPW/172

**BS ISO 10041-1:2010**

Pneumatic fluid power. Electro-pneumatic continuous flow control valves. Main characteristics to include in the supplier's literature

MCE/18/-/5

**BS ISO 10041-2:2010**

Pneumatic fluid power. Electro-pneumatic continuous flow control valves. Test methods to determine main characteristics to include in the supplier's literature

MCE/18/-/5

**BS ISO 20516:2007**

Rolling bearings. Aligning thrust ball bearings and aligning seat washers. Boundary dimensions

MCE/7

**BS ISO 20808:2016**

Fine ceramics (advanced ceramics, advanced technical ceramics). Determination of friction and wear characteristics of monolithic ceramics by ball-on-disc method

RPI/13

**BS ISO 21033:2016**

Animal and vegetable fats and oils. Determination of trace elements by inductively coupled plasma optical emission spectroscopy (ICP-OES)

AW/307

**BS ISO 23409:2011**

Male condoms. Requirements and test methods for condoms made from synthetic materials

CH/157

**BS ISO 25297-1:2012**

Optics and photonics. Electronic exchange of optical data. NODIF information model

CPW/172

**BS ISO 25297-2:2011**

Optics and photonics. Electronic exchange of optical data. Mapping to the classes and properties defined in ISO 23584

CPW/172

**BS ISO 26428-1:2008**

Digital cinema (D-cinema) distribution master. Image characteristics

CPW/36

**EN 16657:2016+A1:2018**

Tanks for the transport of dangerous goods. Transport tank equipment for overflow prevention devices for static tanks

AUE/18

**PD ISO/TS 6336-22:2018**

Calculation of load capacity of spur and helical gears. Calculation of micropitting load capacity

MCE/5

**PD ISO/TS 13399-306:2018**

Cutting tool data representation and exchange. Creation and exchange of 3D models. Drills and countersinking tools for indexable inserts

MTE/18

**PD ISO/TS 13399-314:2018**

Cutting tool data representation and exchange. Creation and exchange of 3D models. Cartridges for indexable inserts

MTE/18

**PD ISO/TS 20991:2018**

Space systems. Requirements for small spacecraft

ACE/68

**PD ISO/TS 21979:2018**

Space environment (natural and artificial). Procedure for obtaining worst case and confidence level of fluence using the quasi-dynamic model of earth's radiation belts

ACE/68

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**PD ISO/TS 22687:2018**

Rubber. Framework for assessing the environmental fate of tyre and road wear particles (TRWP)

PRI/90

**PD ISO/TS 24617-5:2014**

Language resource management. Semantic annotation framework (SemAF). Discourse structure (SemAF-DS)

TS/1

**PD ISO/TS 30411:2018**

Human resource management. Quality of hire metric

HCS/1/2

**ISO 283:2015**

Textile conveyor belts. Full thickness tensile strength, elongation at break and elongation at the reference load. Test method

PRI/67

**ISO 662:2016**

Animal and vegetable fats and oils. Determination of moisture and volatile matter content

AW/307

**ISO 765:2016**

Pesticides considered not to require common names

AW/81

**ISO 2901:2016**

ISO metric trapezoidal screw threads. Basic and design profiles

FME/9

**ISO 2902:2016**

ISO metric trapezoidal screw threads. General plan

FME/9

**ISO 2903:2016**

ISO metric trapezoidal screw threads. Tolerances

FME/9

**ISO/TS 6336-22:2018**

Calculation of load capacity of spur and helical gears. Calculation of micropitting load capacity

MCE/5

**ISO 6420:2016**

Hydrometry. Position fixing equipment for hydrometric boats

CPI/113/1

**ISO 6009:2016**

Hypodermic needles for single use. Colour coding for identification

CH/84

**ISO 7257:2016**

Aircraft. Hydraulic tubing joints and fittings. Rotary flexure test

ACE/69

**ISO 7864:2016**

Sterile hypodermic needles for single use. Requirements and test methods

CH/84

**ISO 8278:2016**

Aerospace series. Hydraulic, pressure compensated, variable delivery pumps. General requirements

ACE/69

**ISO 9022-1:2016**

Optics and photonics. Environmental test methods. Definitions, extent of testing

CPW/172

**ISO 9022-9:2016**

Optics and photonics. Environmental test methods. Solar radiation and weathering

CPW/172

**ISO 9626:2016**

Stainless steel needle tubing for the manufacture of medical devices. Requirements and test methods

CH/84

**ISO 9940:2015**

Aerospace series. Fluid, hydraulic, phosphate ester-base, fire resistant. Technical specification

ACE/69

**ISO 10378:2016**

Copper, lead and zinc sulfide concentrates. Determination of gold and silver. Fire assay gravimetric and flame atomic absorption spectrometric method

W/-

**ISO 10938:2016**

Ophthalmic optics. Chart displays for visual acuity measurement. Printed, projected and electronic

CH/172

**ISO 11381:2016**

Ophthalmic optics. Spectacle frames. Screw threads

CH/172

**ISO 11608-7:2016**

Needle-based injection systems for medical use. Requirements and test methods. Accessibility for persons with visual impairment

CH/84

**ISO 12824:2016**

Royal jelly. Specifications

AW/34/19

**ISO 12966-3:2016**

Animal and vegetable fats and oils. Gas chromatography of fatty acid methyl esters. Preparation of methyl esters using trimethylsulfonium hydroxide (TMSH)

AW/307

**ISO 13078-2:2016**

Dentistry. Dental furnace. Test method for evaluation of furnace programme via firing glaze

CH/106/2

**ISO/TS 13399-306:2018**

Cutting tool data representation and exchange. Creation and exchange of 3D models. Drills and countersinking tools for indexable inserts

MTE/18

**ISO/TS 13399-314:2018**

Cutting tool data representation and exchange. Creation and exchange of 3D models. Cartridges for indexable inserts

MTE/18

**ISO 14230-2:2016**

Road vehicles. Diagnostic communication over K-Line (DoK-Line). Data link layer

AUE/16

**ISO 15618-1:2016**

Qualification testing of welders for underwater welding. Hyperbaric wet welding

WEE/36

**ISO 16170:2016**

In situ test methods for high efficiency filter systems in industrial facilities

MCE/21

**ISO 16682:2015**

Aerospace series. Terminology for clamping devices

ACE/69

**ISO 17254:2016**

Dentistry. Coiled springs for use in orthodontics

CH/106/1

**ISO 17851:2016**

Space systems. Space environment simulation for material tests. General principles and criteria

ACE/68

**ISO 18071:2016**

Fine ceramics (advanced ceramics, advanced technical ceramics). Determination of antiviral activity of semiconducting photocatalytic materials under indoor lighting environment. Test method using bacteriophage Q-beta

RPI/13

**ISO 18646-1:2016**

Robotics. Performance criteria and related test methods for service robots. Locomotion for wheeled robots

AMT/10

**ISO 18668-1:2016**

Traditional Chinese medicine. Coding system for Chinese medicines. Coding rules for Chinese medicines

CH/100

**ISO 19017:2015**

Guidance for gamma spectrometry measurement of radioactive waste

NCE/9

**ISO/TS 19021:2018**

Test method for determination of gas concentrations in ISO 5659-2 using Fourier transform infrared spectroscopy

FSH/21-/5

**ISO/IEC 19086-1:2016**

Information technology. Cloud computing. Service level agreement (SLA) framework. Overview and concepts

IST/38

**ISO 19104:2016**

Geographic information. Terminology

IST/36

**ISO 19631:2015**

Aerospace series. Tube fittings for fluid systems, 5 080 psi (35 000 kPa). Qualification specification

ACE/69

**ISO 19632:2015**

Aerospace series. Fitting end, 24° internal cone, external thread, flareless type extra fine thread pitch inch series. Design standard

ACE/69

**ISO 10110-9:2016**

Optics and photonics. Preparation of drawings for optical elements and systems. Surface treatment and coating

CPW/172

**ISO 20808:2016**

Fine ceramics (advanced ceramics, advanced technical ceramics). Determination of friction and wear characteristics of monolithic ceramics by ball-on-disc method

RPI/13

**ISO/TS 20991:2018**

Space systems. Requirements for small spacecraft

ACE/68

**ISO 21028-1:2016**

Cryogenic vessels. Toughness requirements for materials at cryogenic temperature. Temperatures below -80 °C

PVE/18

**ISO 21033:2016**

Animal and vegetable fats and oils. Determination of trace elements by inductively coupled plasma optical emission spectroscopy (ICP-OES)

AW/307

**ISO/TS 21979:2018**

Space environment (natural and artificial). Procedure for obtaining worst case and confidence level of fluence using the quasi-dynamic model of earth's radiation belts

ACE/68

**ISO 22476-15:2016**

Geotechnical investigation and testing. Field testing. Measuring while drilling

B/526/3

**ISO 22477-10:2016**

Geotechnical investigation and testing. Testing of geotechnical structures. Testing of piles: rapid load testing

B/526/3

**ISO/TS 22687:2018**

Rubber. Framework for assessing the environmental fate of tyre and road wear particles (TRWP)

PRI/90

**ISO/TS 30411:2018**

Human resource management. Quality of hire metric

HCS/1/2

## BRITISH STANDARDS PROPOSED FOR WITHDRAWAL

A note of any objections to these withdrawals should be sent to Debbie Stead, Associate Director of Operations, BSI Group, 389 Chiswick High Road, London W4 4AL or via email to [BSUKoperations.review@bsigroup.com](mailto:BSUKoperations.review@bsigroup.com) by **31 January 2022**.

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

**BS 8425:2003**

Code of practice for installation of laminate floor coverings

PRI/60

*This standard is proposed for withdrawal as the information within is out of date and in certain cases incorrect. Incorrect:- Clause 5.2.1 used terminology different to the resilient floor code of practice for fabricated underlays and could therefore be misleading. This clause also talks about adhesives for sticking laminate flooring down, laminate floors should not be stuck down and therefore this advice would go against all manufacturers advice for installation. 5.3.2.2, 5.3.2.3 & 5.3.2.4 all suggest sticking laminate flooring down. Out of date:- It lacks information on installation over suspended or floating timber floors, it is also out of step with the resilient code of practice for floor preparation and it is out of date with respect to some products commonly used in the sector*

## BRITISH STANDARDS WITHDRAWN

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

**BS 0:2016**

A standard for standards. Principles of standardization

SPSC

*Superseded by BS 0:2021*

**BS EN 246:2003**

Sanitary tapware. General specifications for flow rate regulators

B/504

*Superseded by BS EN 246:2021*

**BS EN IEC 63041-1:2018**

Piezoelectric sensors. Generic specifications

EPL/49

*Superseded by BS EN IEC 63041-1:2021*

**BS EN 1034-4:2005+A1:2009**

Safety of machinery. Safety requirements for the design and construction of paper making and finishing machines. Pulpers and their loading facilities

MCE/3

*Superseded by BS EN 1034-4:2021*

**BS EN 1298:1996**

Mobile access and working towers. Rules and guidelines for the preparation of an instruction manual

B/514/24

*Superseded by BS EN 1004-2:2021*

**BS EN 1439:2017**

LPG equipment and accessories. Procedure for checking transportable refillable LPG cylinders before, during and after filling

PVE/19

*Superseded by BS EN 1439:2021*

**BS EN 1807-1:2013**

Safety of woodworking machines. Band sawing machines. Table band saws and band re-saws

MTE/23

*Superseded by BS EN ISO 19085-16:2021*

**BS EN 1004:2004**

Mobile access and working towers made of prefabricated elements. Materials, dimensions, design loads, safety and performance requirements

B/514/24

*Superseded by BS EN 1004-1:2020*

**BS EN ISO 2076:2013**

Textiles. Man-made fibres. Generic names

TCI/100

*Superseded by BS EN ISO 2076:2021*

**BS EN 2755:2009**

Aerospace series. Bearings, spherical plain in corrosion resisting steel with self-lubricating liner. Elevated load at ambient temperature. Technical specification

ACE/12

Superseded by BS EN 2755:2021

**BS EN ISO 4524-3:1995**

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

STI/33

Formerly BS 6670:Part 3:1986.. Superseded by BS EN ISO 4524-3:2021

**BS EN ISO 5832-3:2016**

Implants for surgery. Metallic materials. Wrought titanium 6-aluminium 4-vanadium alloy

CH/150/1

Superseded by BS EN ISO 5832-3:2021

**BS EN ISO 7711-1:1998+A1:2009**

Dental rotary instruments. Diamond instruments. Dimensions, requirements, marking and packaging

CH/106/4

Superseded by BS EN ISO 7711-1:2021

**BS EN ISO 9680:2014**

Dentistry. Operating lights

CH/106/4

Superseded by BS EN ISO 9680:2021

**BS EN ISO 10286:2015**

Gas cylinders. Terminology

PVE/3

Superseded by BS EN ISO 10286:2021

**BS EN ISO 10591:2005**

Building construction. Sealants. Determination of adhesion/cohesion properties of sealants after immersion in water

B/547

Superseded by BS EN ISO 10591:2021

**BS EN ISO 11114-2:2013**

Gas cylinders. Compatibility of cylinder and valve materials with gas contents. Non-metallic materials

PVE/3

Superseded by BS EN ISO 11114-2:2021

**BS EN ISO 11807-1:2005**

Integrated optics. Vocabulary. Basic terms and symbols

CPW/172

Superseded by BS EN ISO 11807-1:2021

**BS EN 12284:2003**

Refrigerating systems and heat pumps. Valves. Requirements, testing and marking

RHE/18

Superseded by BS EN ISO 21922:2021

**BS EN ISO 12571:2013**

Hygrothermal performance of building materials and products. Determination of hygroscopic sorption properties

B/540

Superseded by BS EN ISO 12571:2021

**BS EN 12732:2013+A1:2014**

Gas infrastructure. Welding steel pipework. Functional requirements

GSE/33

Superseded by BS EN 12732:2021

**BS EN 12750:2013**

Safety of woodworking machines. Four sided moulding machines

MTE/23

Superseded by BS EN ISO 19085-14:2021

**BS EN 12873-4:2006**

Influence of materials on water intended for human consumption. Influence due to migration. Test method for water treatment membranes

EH/6

Superseded by BS EN 12873-4:2021

**BS EN 13032-3:2007**

Measurement and presentation of photometric data of lamps and luminaires. Presentation of data for emergency lighting of work places

EL/1/1

Superseded by BS EN 13032-3:2021

**BS EN 13286-1:2003**

Unbound and hydraulically bound mixtures. Test methods for laboratory reference density and water content. Introduction, general requirements and sampling

B/510

Superseded by BS EN 13286-1:2021

**BS EN 13286-4:2003**

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

B/510/4

Superseded by BS EN 13286-4:2021

**BS EN 13286-41:2003**

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

B/510/4

Superseded by BS EN 13286-41:2021

**BS EN 13286-47:2012**

Unbound and hydraulically bound mixtures. Test method for the determination of California bearing ratio, immediate bearing index and linear swelling

B/510/4

Superseded by BS EN 13286-47:2021

**BS EN 13760:2003**

Automotive LPG filling system for light and heavy duty vehicles. Nozzle, test requirements and dimensions

PVE/19

Superseded by BS EN 13760:2021

**BS EN 14373:2005**

Explosion suppression systems

EXL/23

Superseded by BS EN 14373:2021

**BS EN 14459:2015**

Safety and control devices for burners and appliances burning gaseous or liquid fuels. Control functions in electronic systems. Methods for classification and assessment

GSE/22

Superseded by BS EN 14459:2021

**BS EN 14735:2005**

Characterization of waste. Preparation of waste samples for ecotoxicity tests

B/508/3

Superseded by BS EN 14735:2021

**BS EN 14854:2005**

Aerosol containers. Glass containers. Dimensions of the neck finish

PKW/0/-7

Superseded by BS EN 14854:2021

**BS EN ISO 14881:2005**

Integrated optics. Interfaces. Parameters relevant to coupling properties

CPW/172

Superseded by BS EN ISO 14881:2021

**BS EN 15216:2007**

Characterization of waste. Determination of total dissolved solids (TDS) in water and eluates

B/508/3

Superseded by BS EN 15216:2021

**BS EN ISO 15614-13:2012**

Specification and qualification of welding procedures for metallic materials. Welding procedure test. Upset (resistance butt) and flash welding

WEE/36

Superseded by BS EN ISO 15614-13:2021

**BS EN 15784:2009**

Animal feeding stuffs. Isolation and enumeration of presumptive *Bacillus* spp

AW/10

Superseded by BS EN 15784:2021

**BS EN 15786:2009**

Animal feeding stuffs. Isolation and enumeration of *Pediococcus* spp

AW/10

Superseded by BS EN 15786:2021

**BS EN 15789:2009**

Animal feeding stuffs. Isolation and enumeration of yeast probiotic strains

AW/10

Superseded by BS EN 15789:2021

**BS EN 16285:2013**

Packaging. Flexible aluminium tubes. Test method to measure the deformation of the aluminium tube body (Guillotine test)

PKW/0/-10

Superseded by BS EN 16285:2021

**BS EN ISO 19085-2:2017**

Woodworking machines. Safety. Horizontal beam panel circular sawing machines

MTE/23

Superseded by BS EN ISO 19085-2:2021

**BS EN ISO 20344:2011**

Personal protective equipment. Test methods for footwear

PH/1

Superseded by BS EN ISO 20344:2021

**BS EN ISO 23999:2018**

Resilient floor coverings. Determination of dimensional stability and curling after exposure to heat

PRI/60

Superseded by BS EN ISO 23999:2021

**BS EN 50504:2008**

Validation of arc welding equipment

WEE/6

Superseded by BS EN IEC 60974-14:2018

**BS EN 50600-2-1:2014**

Information technology. Data centre facilities and infrastructures. Building construction

TCT/7

Superseded by BS EN 50600-2-1:2021

**BS EN 50600-2-5:2016**

Information technology. Data centre facilities and infrastructures. Security systems

TCT/7/3

Superseded by BS EN 50600-2-5:2021

**BS EN 50636-2-107:2015+A2:2020**

Safety of household and similar appliances. Particular requirements for robotic battery powered electrical lawnmowers

CPL/116

Superseded by BS EN 50636-2-107:2015+A3:2021

**BS EN 55016-4-2:2011+A1:2014**

Specification for radio disturbance and immunity measuring apparatus and methods. Uncertainties, statistics and limit modelling. Measurement instrumentation uncertainty

GEL/210/11

Superseded by BS EN 55016-4-2:2011+A2:2018

**BS EN 50136-3:2013**

Alarm systems. Alarm transmission systems and equipment. Requirements for Receiving Centre Transceiver (RCT)

GW/1/5

Superseded by BS EN 50136-3:2013+A1:2021

**BS EN 60268-4:2014**

Sound system equipment. Microphones

EPL/100

Superseded by BS EN IEC 60268-4:2018

**BS EN 60332-3-10:2009**

Tests on electric and optical fibre cables under fire conditions. Test for vertical flame spread of vertically-mounted bunched wires or cables. Apparatus

GEL/20/18

Superseded by BS EN IEC 60332-3-10:2018

**BS EN 60332-3-22:2009**

Tests on electric and optical fibre cables under fire conditions. Test for vertical flame spread of vertically-mounted bunched wires or cables. Category A

GEL/20/18

Superseded by BS EN IEC 60332-3-22:2018

**BS EN 60332-3-23:2009**

Tests on electric and optical fibre cables under fire conditions. Test for vertical flame spread of vertically-mounted bunched wires or cables. Category B

GEL/20/18

Superseded by BS EN IEC 60332-3-23:2018

**BS EN 60332-3-24:2009**

Tests on electric and optical fibre cables under fire conditions. Test for vertical flame spread of vertically-mounted bunched wires or cables. Category C

GEL/20/18

Superseded by BS EN IEC 60332-3-24:2018

**BS EN 60332-3-25:2009**

Tests on electric and optical fibre cables under fire conditions. Test for vertical flame spread of vertically-mounted bunched wires or cables. Category D

GEL/20/18

Superseded by BS EN IEC 60332-3-25:2018

**BS EN 60335-1:2012+A13:2017**

Household and similar electrical appliances. Safety. General requirements

CPL/61

Superseded by BS EN 60335-1:2012+A2:2019

**BS EN 60335-2-4:2010+A1:2015**

Household and similar electrical appliances. Safety. Particular requirements for spin extractors

CPL/61

Superseded by BS EN 60335-2-4:2010+A11:2018

**BS EN 60335-2-15:2016**

Household and similar electrical appliances. Safety. Particular requirements for appliances for heating liquids

CPL/61/7

Superseded by BS EN 60335-2-15:2016+A11:2018

**BS EN 60335-2-28:2003+A1:2008**

Household and similar electrical appliances. Safety. Particular requirements for sewing machines

CPL/61/1

Superseded by BS EN 60335-2-28:2003+A11:2018

**BS EN 60335-2-29:2004+A2:2010**

Household and similar electrical appliances. Safety. Particular requirements for battery chargers

CPL/61/1

Superseded by BS EN 60335-2-29:2004+A11:2018

**BS EN 60335-2-55:2003+A1:2008**

Household and similar electrical appliances. Safety. Particular requirements for electrical appliances for use with aquariums and garden ponds

CPL/61/1

Superseded by BS EN 60335-2-55:2003+A11:2018

**BS EN 60335-2-59:2003+A2:2009**

Household and similar electrical appliances. Safety. Particular requirements for insect killers

CPL/61/1

Superseded by BS EN 60335-2-59:2003+A11:2018

**BS EN 60335-2-85:2003+A1:2008**

Household and similar electrical appliances. Safety. Particular requirements for fabric steamers

CPL/61/7

Superseded by BS EN 60335-2-85:2003+A11:2018

**BS EN 60335-2-109:2010**

Household and similar electrical appliances. Safety. Particular requirements for UV radiation water treatment appliances

CPL/61/1

Superseded by BS EN 60335-2-109:2010+A2:2018

**BS EN 60601-2-63:2015+A1:2019**

Medical electrical equipment. Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment

CH/62/2

Superseded by BS EN 60601-2-63:2015+A2:2021

**BS EN 60601-2-65:2013+A1:2020**

Medical electrical equipment. Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment

CH/62/2

Superseded by BS EN 60601-2-65:2013+A2:2021

**BS EN 60695-2-12:2010+A1:2014**

Fire hazard testing. Glowing/hot-wire based test methods. Glow-wire flammability index (GWFI) test method for materials

GEL/89

Superseded by BS EN IEC 60695-2-12:2021

**BS EN 61243-1:2005+A1:2010**

Live working. Voltage detectors. Capacitive type to be used for voltages exceeding 1 kV a.c

PEL/78

Superseded by BS EN IEC 61243-1:2021

**BS EN 61280-2-8:2003**

Fibre optic communication subsystem basic test procedures. Test procedures for digital systems. Determination of low BER using Q-factor measurements

GEL/86/3

Superseded by BS EN IEC 61280-2-8:2021

**BS EN 61300-2-10:2012**

Fibre optic interconnecting devices and passive components. Basic test and measurement procedures. Tests. Crush resistance

GEL/86/2

Superseded by BS EN IEC 61300-2-10:2021

**BS EN 61326-3-2:2008**

Electrical equipment for measurement, control and laboratory use. EMC requirements. Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety). Industrial applications with specific

GEL/65/1

Superseded by BS EN IEC 61326-3-2:2018

**BS EN 61386-21:2004+A11:2010**

Conduit systems for cable management. Particular requirements. Rigid conduit systems

PEL/213

Superseded by BS EN IEC 61386-21:2021+A11:2021

**BS EN 61386-23:2004+A11:2010**

Conduit systems for cable management. Particular requirements. Flexible conduit systems

PEL/213

Superseded by BS EN IEC 61386-23:2021+A11:2021

**BS EN 61784-5-2:2013**

Industrial communication networks. Profiles. Installation of fieldbuses. Installation profiles for CPF 2

GEL/65/3

Superseded by BS EN IEC 61784-5-2:2018

**BS EN 61784-5-3:2013**

Industrial communication networks. Profiles. Installation of fieldbuses. Installation profiles for CPF 3

GEL/65/3

Superseded by BS EN IEC 61784-5-3:2018

**BS EN 61784-5-6:2013**

Industrial communication networks. Profiles. Installation of fieldbuses. Installation profiles for CPF 6

GEL/65/3

Superseded by BS EN IEC 61784-5-6:2018

**BS EN 61784-5-8:2013**

Industrial communication networks. Profiles. Installation of fieldbuses. Installation profiles for CPF 8

GEL/65/3

Superseded by BS EN IEC 61784-5-8:2018

**BS EN 61784-5-12:2012+A1:2015**

Industrial communication networks. Profiles. Installation of fieldbuses. Installation profiles for CPF 12

GEL/65/3

Superseded by BS EN IEC 61784-5-12:2018

**BS EN 61784-5-18:2013**

Industrial communication networks. Profiles. Installation of fieldbuses. Installation profiles for CPF 18

GEL/65/3

Superseded by BS EN IEC 61784-5-18:2018

**BS EN 61850-7-420:2009**

Communication networks and systems for power utility automation. Basic communication structure. Distributed energy resources logical nodes

PEL/57

Superseded by BS EN IEC 61850-7-420:2021

**BS EN 61918:2013**

Industrial communication networks. Installation of communication networks in industrial premises

GEL/65/3

Superseded by BS EN IEC 61918:2018

**BS EN 61993-2:2013**

Maritime navigation and radiocommunication equipment and systems. Automatic Identification Systems (AIS). Class A shipborne equipment of the automatic identification system (AIS). Operational and performance requirements, methods of test and required test

EPL/80

Superseded by BS EN IEC 61993-2:2018

**BS EN 61010-2-040:2015**

Safety requirements for electrical equipment for measurement, control, and laboratory use. Particular requirements for sterilizers and washer-disinfectors used to treat medical materials

EPL/66

Superseded by BS EN IEC 61010-2-040:2021

**BS EN 62148-15:2014**

Fibre optic active components and devices. Package and interface standards. Discrete vertical cavity surface emitting laser packages

GEL/86/3

Superseded by BS EN IEC 62148-15:2021

**BS EN 62442-1:2011+A11:2017**

Energy performance of lamp controlgear. Controlgear for fluorescent lamps. Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear

CPL/34/3

Superseded by BS EN IEC 62442-1:2018

**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

CPL/34/3

Superseded by BS EN IEC 62442-2:2018

**BS EN 62868:2015**

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

CPL/34/1

Superseded by BS EN IEC 62868-1:2021

**BS EN 62920:2017+A11:2020**

Photovoltaic power generating systems. EMC requirements and test methods for power conversion equipment

GEL/82

Superseded by BS EN IEC 62920:2017+A1:2021

**BS IEC 60092-503:2007**

Electrical installations in ships. Special features. AC supply systems with voltages in the range of above 1 kV up to and including 15 kV

JPEL/18

Superseded by BS IEC 60092-503:2021

**BS ISO 3739-3:2008**

Industrial tyres and rims. Rims

AUE/4

Superseded by BS ISO 3739-3:2021

**BS ISO 8976:2004**

Pliers and nippers. Multiple slip joint pliers. Dimensions and test values

MTE/15

Superseded by BS ISO 8976:2021

**BS ISO 11359-2:1999**

Plastics. Thermomechanical analysis (TMA). Determination of coefficient of linear thermal expansion and glass transition temperature

PRI/21

Superseded by BS ISO 11359-2:2021

**BS ISO 11592-2:2019**

Small craft. Determination of maximum propulsion power rating using manoeuvring speed. Craft with a length of hull between 8 m and 24 m

GME/33

Superseded by BS EN ISO 11592-2:2021

**BS ISO 12151-3:2010**

Connections for hydraulic fluid power and general use. Hose fittings. Hose fittings with ISO 6162-1 or ISO 6162-2 flange ends

MCE/18/-/4

Superseded by BS ISO 12151-3:2021

**BS ISO/IEC 18000-63:2015**

Information technology. Radio frequency identification for item management. Parameters for air interface communications at 860 MHz to 960 MHz Type C

IST/34

Superseded by BS ISO/IEC 18000-63:2021

**BS ISO/IEC 18328-2:2015**

Identification cards. ICC-managed devices. Physical characteristics and test methods for cards with devices

IST/17

Superseded by BS ISO/IEC 18328-2:2021

**BS ISO/IEC 19794-7:2014+A1:2015**

Information technology. Biometric data interchange formats. Signature/sign time series data

IST/44

Superseded by BS ISO/IEC 19794-7:2021

**BS ISO 10094-1:2010**

Pneumatic fluid power. Electro-pneumatic pressure control valves. Main characteristics to include in the supplier's literature

MCE/18/-/5

Superseded by BS ISO 10094-1:2021

**BS ISO 10094-2:2010**

Pneumatic fluid power. Electro-pneumatic pressure control valves. Test methods to determine main characteristics to include in the supplier's literature

MCE/18/-/5

Superseded by BS ISO 10094-2:2021

**BS ISO/IEC 27013:2015**

Information technology. Security techniques. Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1

IST/33/1

Superseded by BS ISO/IEC 27013:2021

**BS ISO/IEC 28360-1:2018**

Information technology. Office equipment. Determination of chemical emission rates from electronic equipment. Using-consumables

IST/3

Superseded by BS ISO/IEC 28360-1:2021

**BS 2924-2:1992**

(ISO 6587:1992)

Aqueous extracts of paper, board and pulp. Determination of conductivity

PAI/11

Superseded by BS ISO 6587:2021



**BS 4278:1984**

Specification for eyebolts for lifting purposes  
MHE/1

*Superseded by BS EN ISO 3266:2010 and has been declared obsolescent*

**BS 7666-0:2006**

Spatial datasets for geographical referencing. General model for gazetteers and spatial referencing

IST/36

*Superseded by BS 7666-0:2021*

**BS 8546:2016**

Travel adaptors compatible with UK plug and socket system. Specification

PEL/23

*Superseded by BS 8546:2016+A1:2018*

**BS 8561:2013**

Specification for mechanical fittings for use in the repair, connection and renovation of pressurized water supply pipelines. Requirements and test methods

B/504

*Superseded by BS 8561:2021*

**BS 31100:2011**

Risk management. Code of practice and guidance for the implementation of BS ISO 31000

RM/1

*Superseded by BS 31100:2021*

**DD CEN ISO/TS 20836:2005**

Microbiology of food and animal feeding stuffs. Polymerase chain reaction (PCR) for the detection of food-borne pathogens. Performance testing of thermal cyclers

AW/9

*Superseded by BS EN ISO 20836:2021*

**DD ENV 14237:2002**

Textiles in the healthcare system

TCI/82

*Superseded by PD CEN/TS 14237:2021*

**PD CEN ISO/TS 16190:2013**

Footwear. Critical substances potentially present in footwear and footwear components. Test method to quantitatively determine polycyclic aromatic hydrocarbons (PAH) in footwear materials

TCI/69

*Superseded by BS EN ISO 16190:2021*

**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

*Superseded by PD CEN ISO/TS 16775:2021*

**PD ISO/TS 13399-4:2014**

Cutting tool data representation and exchange. Reference dictionary for adaptive items

MTE/18

*Superseded by PD ISO/TS 13399-4:2021*

**PD ISO/TS 16840-12:2015**

Wheelchair seating. Apparatus and method for cushion envelopment testing

CH/173/1

*Superseded by BS ISO 16840-12:2021*

**PD ISO/TS 18683:2015**

Guidelines for systems and installations for supply of LNG as fuel to ships

PSE/17

*Superseded by PD ISO/TS 18683:2021*

**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.

**P XXX**

Natural Language Description for Automated Vehicle Scenarios. Specification

will supersede None

ZZ/3

**P XXX**

Liquid fuels. Specification

will supersede None

ZZ/5

**EN WI 00129269**

Glass in building. Glazing and airborne sound insulation. Validation procedure for calculation tools

will supersede None

B/520

**EN ISO 252**

Conveyor belts. Adhesion between constitutive elements. Test methods

will supersede BS EN ISO 252:2007

PRI/67

**EN ISO 283**

Textile conveyor belts. Full thickness tensile strength, elongation at break and elongation at the reference load. Test method

will supersede BS EN ISO 283:2015

PRI/67

**EN 302-8**

Adhesives for load-bearing timber structures. Test methods. Static load test of multiple bond line specimens in compression shear

will supersede BS EN 302-8:2017

PRI/52

**EN ISO 583**

Conveyor belts with a textile carcass. Total belt thickness and thickness of constitutive elements. Test methods

will supersede BS EN ISO 583:2007

PRI/67

**EN ISO 734**

Oilseed meals. Determination of oil content. Extraction method with hexane (or light petroleum)

will supersede BS EN ISO 734:2015

AW/307

**EN ISO/IEC 4396-4**

Telecommunications and information exchange between systems. Future network recursive inter-network architecture and protocols. Complete enrolment procedures

will supersede None

IST/6

**EN ISO/IEC 4396-5**

Telecommunications and information exchange between systems. Future network recursive inter-network architecture and protocols. Incremental enrolment procedures

will supersede None

IST/6

**EN ISO/IEC 4396-6**

Telecommunications and information exchange between systems. Future network recursive inter-network architecture and protocols. RINA data transfer service

will supersede None

IST/6

**EN ISO/IEC 4396-8**

Telecommunications and information exchange between systems. Future network recursive inter-network architecture and protocols. RINA general delimiting procedures

will supersede None

IST/6

**EN ISO/IEC /IEEE 23026**

Systems and software engineering. Engineering and management of websites for systems, software, and services information

will supersede BS ISO/IEC /IEEE 23026:2015

IST/15

**EN ISO/IEC 19075-9**

Information technology. Guidance for the use of database language SQL. Online analytic processing (OLAP) capabilities

will supersede PD ISO/IEC TR 19075-9:2020

IST/40

**EN ISO/IEC 22592-3**

Office equipment. Print quality measurement methods for colour prints. Physical durability measurement methods

will supersede None

IST/3

**EN ISO/IEC 22603-2**

Information Technology. Digital representation of product information. Requirements for electronic devices with integral display

will supersede None

IST/34

**EN ISO/IEC 23090-15/A1**

Information technology. Coded representation of immersive media. Conformance testing for versatile video coding

will supersede None

IST/37

**EN ISO/IEC 23093-4**

Information technology. Internet of media things. Reference software and conformance

will supersede None

IST/37

**EN ISO/IEC 24760-1**

IT Security and Privacy. A framework for identity management. Terminology and concepts

will supersede None

IST/33

**EN ISO/IEC 24760-1:2019/A1**

IT Security and Privacy. A framework for identity management. Terminology and concepts

will supersede None

IST/33

**EN ISO/IEC 24772-1**

Programming languages. Guidance to avoiding vulnerabilities in programming languages. Language-independent guidance

will supersede None

IST/5

**EN ISO/IEC 25040**

Systems and software engineering. Systems and software Quality Requirements and Evaluation (SQuARE). Managerial framework for quality evaluation

will supersede BS ISO/IEC 25040:2011

IST/15

**EN ISO/IEC 29134:2017/A1**

Information technology. Security techniques. Guidelines for privacy impact assessment

will supersede None

IST/33

**EN ISO/IEC 29794-4**

Information technology. Biometric sample quality. Finger image data

will supersede BS ISO/IEC 29794-4:2017

IST/44/-/3

**EN IEC 60669-2-1:2020/A1**

Switches for household and similar fixed electrical installations. Particular requirements. Electronic control devices

will supersede

BS EN 50428:2005+A2:2009, BS EN 60669-2-1:2004+A12:2010

PEL/23

**EN IEC 60794-1-212**

Optical fibre cables. Generic specification. Basic optical cable test procedures. Environmental test methods. Temperature cycling with cable elements fixed at both ends; Method F12

will supersede None

GEL/86/1

**EN IEC 60794-1-303**

Optical fibre cables. Generic specification. Basic optical cable test procedures. Cable element test methods. Ribbon dimensions. Aperture gauge; Method G3

will supersede None

GEL/86/1

**EN IEC 60794-1-306**

Optical fibre cables. Generic specification. Basic optical cable test procedures. Cable element test methods. Ribbon torsion; Method G6

will supersede None

GEL/86/1

**EN IEC 60794-2-50**

Optical fibre cables. Indoor cables. Family specification for simplex and duplex cables for use in terminated cable assemblies

will supersede None

GEL/86/1

**EN IEC 61300-2-26**

Fibre optic interconnecting devices and passive components. Basic test and measurement procedures. Tests. Salt mist

will supersede BS EN 61300-2-26:2007

GEL/86/2

**EN IEC 61747-30-1**

Liquid crystal display devices. Measuring methods for liquid crystal display modules. Transmissive type

will supersede BS EN 61747-30-1:2012

EPL/47

**EN IEC 61810-7-7**

All-or-nothing electrical relays. Tests and Measurements. Functional Tests

will supersede None

EPL/94

**EN IEC 61810-7-15**

All-or-nothing electrical relays. Tests and Measurements. Robustness of Terminals

will supersede None

EPL/94

**EN IEC 61810-7-17**

All-or-nothing electrical relays. Tests and Measurements. Shock; Vibration and Acceleration

will supersede None

EPL/94

**EN IEC 61810-7-30**

All-or-nothing electrical relays. Tests and Measurements. Contact sticking (delayed release)

will supersede None

EPL/94

**EN IEC 61810-7-42**

All-or-nothing electrical relays. Tests and Measurements. Electromagnetic Compatibility

will supersede None

EPL/94

**EN IEC 61969-3**

Mechanical structures for electrical and electronic equipment. Outdoor enclosures. Environmental requirements; tests and safety aspects

will supersede BS EN IEC 61969-3:2020

EPL/48

**EN IEC 62877-1**

Electrolyte and water for vented lead acid accumulators. requirements for electrolyte

will supersede BS EN 62877-1:2016

PEL/21

**EN IEC 62908-12-10**

Touch and interactive displays. Measurement methods of touch displays. Touch and electrical performance

will supersede None

EPL/47

**EN XXX**

Conservation of cultural heritage. Desalination of porous inorganic materials by poultices

will supersede None

B/560

**EN XXX**

Natural gas fuelling stations. LNG unloading ESD systems

will supersede None

GSE/40

**EN ISO 1172**

Textile-glass-reinforced plastics. Prepregs, moulding compounds and laminates. Determination of the textile-glass and mineral-filler content. Calcination methods

will supersede BS EN ISO 1172:1999

PRI/42

**EN ISO 2747**

Vitreous and porcelain enamels. Enamelled cooking utensils. Determination of resistance to thermal shock

will supersede None

STI/36

**EN ISO 2811-1**

Paints and varnishes. Determination of density. Pycnometer method

will supersede BS EN ISO 2811-1:2016

STI/10

**EN ISO 4491-2**

Metallic powders. Determination of oxygen content by reduction methods. Loss of mass on hydrogen reduction (hydrogen loss)

will supersede BS EN ISO 4491-2:1999

ISE/65

**EN ISO 4532**

Vitreous and porcelain enamels. Determination of the resistance of enamelled articles to impact. Pistol test

will supersede None

STI/36

**EN ISO 5059-1**

Geometrical product specifications (GPS). Dimensional measuring equipment. Inside micrometers. Two-point inside micrometers. Design and metrological characteristics

will supersede None

TPR/1

**EN ISO 5362**

Anaesthetic reservoir bags

will supersede BS EN ISO 5362:2019

CH/121/5

**EN ISO 7623**

Steel cord conveyor belts. Cord-to-coating bond test. Initial test and after thermal treatment

will supersede BS EN ISO 7623:2015

PR/67

**EN ISO 8291**

Vitreous and porcelain enamels. Method of test of self-cleaning properties

will supersede None

ST/36

**EN ISO 9900**

Thermal insulation. Determination of thermal conductivity by Guarded Hot Plate Method at elevated temperature from 100 °C to 800 °C

will supersede None

B/540/8

**EN 10242**

Threaded pipe fitting in malleable cast iron

will supersede BS EN 10242:1995

ISE/110

**EN 10284**

Malleable cast iron fittings with compression ends for polyethylene (PE) piping systems

will supersede BS EN 10284:2000

ISE/110

**EN 10344**

Malleable cast iron fittings with compression ends for steel pipes

will supersede None

ISE/110

**EN ISO 10555-1**

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

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

CH/84

**EN ISO 10555-4**

Intravascular catheters. Sterile and single-use catheters. Balloon dilatation catheters

will supersede BS EN ISO 10555-4:2013

CH/84

**EN ISO 11239**

Health informatics. Identification of medicinal products. Data elements and structures for the unique identification and exchange of regulated information on pharmaceutical dose forms, units of presentation, routes of administration and packaging

will supersede BS EN ISO 11239:2012

IST/35

**EN ISO 11427**

Jewellery and precious metals. Determination of silver in silver alloys. Volumetric (potentiometric) method using potassium bromide

will supersede BS EN ISO 11427:2016

ST/53

**EN 12046-2**

Operating forces. Test method. Doors

will supersede BS EN 12046-2:2000

B/538/1

**EN 12163**

Copper and copper alloys. Rod for general purposes

will supersede BS EN 12163:2016

NFE/34

**EN 12164**

Copper and copper alloys. Rod for free machining purposes

will supersede BS EN 12164:2016

NFE/34

**EN 12165**

Copper and copper alloys. Wrought and unwrought forging stock

will supersede BS EN 12165:2016

NFE/34

**EN 12166**

Copper and copper alloys. Wire for general purposes

will supersede BS EN 12166:2016

NFE/34

**EN 12167**

Copper and copper alloys. Profiles and bars for general purposes

will supersede BS EN 12167:2016

NFE/34

**EN 12168**

Copper and copper alloys. Hollow rod for free machining purposes

will supersede BS EN 12168:2016

NFE/34

**EN 12221**

Child care articles. Changing units and changing pads for domestic use. Safety requirements and test methods

will supersede None

CW/1

**EN 12420**

Copper and copper alloys. Forgings

will supersede BS EN 12420:2014

NFE/34

**EN 12665**

Light and lighting. Basic terms and criteria for specifying lighting requirements

will supersede BS EN 12665:2018

EL/1

**EN 12697-4**

Bituminous mixtures. Test methods. Bitumen recovery. Fractionating column

will supersede BS EN 12697-4:2015

B/510/1

**EN 12697-26:2018/A1**

Bituminous mixtures. Test methods. Stiffness

will supersede BS EN 12697-26:2018

B/510/1

**EN 12697-33:2019/A1**

Bituminous mixtures. Test method. Specimen prepared by roller compactor

will supersede BS EN 12697-33:2019

B/510/1

**EN 12845-2**

Fixed firefighting systems. Automatic sprinkler systems. Design and installation of ESRF and CMSA sprinkler systems

will supersede BS EN 12845:2015+A1:2019

FSH/18/2

**EN 12845-3**

Fixed firefighting systems. Automatic sprinkler systems. Guidance for earthquake bracing

will supersede None

FSH/18/2

**EN 13049**

Windows. Soft and heavy body impact. Test method, safety requirements and classification

will supersede BS EN 13049:2003

B/538/1

**EN 13121-3**

GRP tanks and vessels for use above ground. Design and workmanship

will supersede BS EN 13121-3:2016

PR/5

**EN ISO 13165-3**

Water quality. Radium-226. Test method using coprecipitation and gamma-spectrometry

will supersede BS EN ISO 13165-3:2020

EH/3/8

**EN 13231-1**

Railway applications. Infrastructure. Acceptance of works. Works on ballasted track. Plain line, switches and crossings

will supersede BS EN 13231-1:2013

RAE/2

**EN ISO 13482**

Robotics. Safety requirements for service robots

will supersede BS EN ISO 13482:2014

AMT/10

**EN ISO 13482**

Robotics. Safety requirements for service robots

will supersede BS EN ISO 13482:2014

AMT/4

**EN 13776**

LPG equipment and accessories. Filling and discharge procedures for LPG road tankers

will supersede BS EN 13776:2013

PVE/19

**EN 14334**

LPG equipment and accessories. Inspection and testing of LPG road tankers

will supersede BS EN 14334:2014

PVE/19

**EN ISO 14408**

Tracheal tubes designed for laser surgery. Requirements for marking and accompanying information

will supersede BS EN ISO 14408:2016

CH/121/5

**EN ISO 14451-1**

Pyrotechnic articles. Pyrotechnic articles for vehicles. Terminology

will supersede BS EN ISO 14451-1:2013

AUE/7

**EN ISO 14451-2**

Pyrotechnic articles. Pyrotechnic articles for vehicles. Test methods

will supersede BS EN ISO 14451-2:2013

AUE/7

**EN ISO 14451-3**

Pyrotechnic articles. Pyrotechnic articles for vehicles. Labelling

will supersede BS EN ISO 14451-3:2013

AUE/7

**EN ISO 14451-4**

Pyrotechnic articles. Pyrotechnic articles for vehicles. Requirements and categorization for micro gas generators

will supersede BS EN ISO 14451-4:2013

AUE/7

**EN ISO 14451-5**

Pyrotechnic articles. Pyrotechnic articles for vehicles. Requirements and categorization for airbag gas generators

will supersede BS EN ISO 14451-5:2013

AUE/7

**EN ISO 14451-6**

Pyrotechnic articles. Pyrotechnic articles for vehicles. Requirements and categorization for airbag modules

will supersede BS EN ISO 14451-6:2013

AUE/7

**EN ISO 14451-7**

Pyrotechnic articles. Pyrotechnic articles for vehicles. Requirements and categorization for seatbelt pretensioners

will supersede BS EN ISO 14451-7:2013

AUE/7

**EN ISO 14451-8**

Pyrotechnic articles. Pyrotechnic articles for vehicles. Requirements and categorization for igniters

will supersede BS EN ISO 14451-8:2013

AUE/7

**EN ISO 14451-9**

Pyrotechnic articles. Pyrotechnic articles for vehicles. Requirements and categorization for actuators

will supersede BS EN ISO 14451-9:2013

AUE/7

**EN ISO 14451-10**

Pyrotechnic articles. Pyrotechnic articles for vehicles. Requirements and categorization for semi-finished products

will supersede BS EN ISO 14451-10:2013

AUE/7

**EN 14534**

Postal services. Quality of service. Measurement of the transit time of end-to-end services for bulk mail

will supersede BS EN 14534:2016

SVS/4

**EN 14841**

LPG equipment and accessories. Discharge procedures for LPG rail tankers

will supersede BS EN 14841:2013

PVE/19

**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 ISO 15118-2**

Road vehicles. Vehicle-to-Grid Communication Interface. Network and application protocol requirements

will supersede BS EN ISO 15118-2:2016

AUE/16

**EN 15227:2020/A1**

Railway applications. Crashworthiness requirements for rail vehicles

will supersede None

RAE/3/-/11

**EN 15347**

Plastics. Recycled Plastics. Characterisation of sorted plastics wastes

will supersede BS EN 15347:2007

PR/89

**EN 15348**

Plastics. Recycled plastics. Characterization of poly(ethylene terephthalate) (PET) recyclates

will supersede BS EN 15348:2014

PR/89

**EN 15663:2017+A1:2018/A2**

Railway applications. Vehicle reference masses

will supersede None

RAE/3/-/11

**EN 15877-1**

Railway applications. Marking on railway vehicles. Freight wagons

will supersede BS EN 15877-1:2012+A1:2018

RAE/3/-/9

**EN 16116-2**

Railway applications. Design requirements for steps, handrails and associated access for staff. Freight wagons

will supersede BS EN 16116-2:2021

RAE/3/-/9

**EN 16139**

Furniture. Strength, durability and safety. Requirements for non-domestic seating

will supersede BS EN 16139:2013

FW/0/3

**EN 16202**

Compost and digestate. Determination of the content of macroscopic impurities and stones

will supersede None

AW/20

**EN 16286-1**

Railway applications. Gangway systems between vehicles. Main applications

will supersede BS EN 16286-1:2013

RAE/4/-/8

**EN 16286-2**

Railway applications. Gangway systems between vehicles. Acoustic measurements

will supersede BS EN 16286-2:2013

RAE/4/-/8

**EN 16601-70**

Space project management. Integrated logistic support

will supersede None

ACE/68

**EN ISO 16654:2001/A2**

Microbiology of food and animal feeding stuffs. Horizontal method for the detection of Escherichia coli O157

will supersede BS EN ISO 16654:2001+A1:2017

AW/9

**EN 16905-1**

Gas-fired endothermic engine driven heat pumps. Terms and definitions

will supersede BS EN 16905-1:2017

GSE/37

**EN 17343**

Railway applications. General terms and definitions

will supersede BS EN 17343:2020

RAE/1

**EN 17690-1**

Components for BAC Control Loop. Sensors. Room temperature sensors

will supersede None

RHE/16

**EN 17827**

Glass packaging. Traditional method sparkling wine finishes (26, 29, 36 mm)

will supersede None

PKW/0/-/7

**EN 17832**

Thermal spraying. Determination of the feed rate with spray material in powder form

will supersede None

ST/40

**EN ISO 19905-3**

Petroleum and natural gas industries. Site-specific assessment of mobile offshore units. Floating units

will supersede BS EN ISO 19905-3:2019

PSE/17

**EN ISO 19932-1**

Equipment for crop protection. Knapsack sprayers. Safety and environmental requirements

will supersede BS EN ISO 19932-1:2013

AGE/20

**EN ISO 19932-2**

Equipment for crop protection. Knapsack sprayers. Test methods

will supersede BS EN ISO 19932-2:2013

AGE/20

**EN ISO 19932-3**

Equipment for crop protection. Knapsack sprayers. Inspection of knapsack sprayers in use

will supersede None

AGE/20

**EN ISO 20182**

Refractory test-piece preparation. Gunning refractory panels by the pneumatic-nozzle mixing type guns

will supersede BS EN ISO 20182:2008

RPI/1

**EN 50724**

Fixed Ultrasonic Gas Leak Detectors (UGLD). General requirements and test methods

will supersede None

EXL/31

**EN 60216-1**

Electrical insulating materials. Thermal endurance properties. Ageing procedures and evaluation of test results

will supersede BS EN 60216-1:2013

GEL/112

**EN 60216-4-1**

Electrical insulating materials. Thermal endurance properties. Ageing ovens. Single-chamber ovens

will supersede BS EN 60216-4-1:2006

GEL/112

**EN 60216-4-2**

Electrical insulating materials. Thermal endurance properties. Ageing ovens. Precision ovens for use up to 300 °C

will supersede BS EN 60216-4-2:2001

GEL/112

**EN 60216-4-3**

Electrical insulating materials. Thermal endurance properties. Ageing ovens. Multi-chamber ovens

will supersede BS EN 60216-4-3:2000

GEL/112

**EN 60335-2-114**

Household and similar electrical appliances. Safety. Particular requirements for self-balancing personal transport devices for use with batteries containing alkaline or other non-acid electrolytes

will supersede None

CPL/61

**EN 60456:2016/A1**

Clothes washing machines for household use. Methods for measuring the performance

will supersede None

CPL/59/1

**EN 60601-2-45:2011/A2**

Medical electrical equipment. Particular requirements for the basic safety and essential performance of mammographic X-ray equipment and mammographic stereotactic devices

will supersede None

CH/62/2

**EN 60669-2-4**

Switches for household and similar fixed electrical installations. Particular requirements. Isolating switches

will supersede BS EN 60669-2-4:2005

PEL/23

**EN 60974-1-217**

Optical fibre cables. Generic specification. Basic optical cable test procedures. Environmental test methods. Cable shrinkage (fibre protrusion); Method F17

will supersede None

GEL/86/1

**EN 61169-10**

Radio-frequency connectors. R.F. coaxial connectors with inner diameter of outer conductor 3 mm (0.12 in) with snap-oncoupling. Characteristic impedance 50 ohms (Type SMB)

will supersede None

EPL/46

**EN 61196-8-1**

Coaxial communication cables. Blank detail specification for semi-flexible cables with polytetrafluoroethylene (PTFE)dielectric

will supersede None

EPL/46

**EN 61196-8**

Coaxial communication cables. Sectional specification for semi-flexible cables with polytetrafluoroethylene (PTFE) dielectric

will supersede None

EPL/46

**EN 61196-9-1**

Coaxial communication cables. Flexible RF coaxial cables. Blank detail specification

will supersede BS IEC 61196-9-1:2015

EPL/46

**EN 61196-9**

Coaxial communication cables. Sectional specification for RF flexible cables

will supersede BS IEC 61196-9:2014

EPL/46

**EN 61291-2**

Optical amplifiers. Single channel applications. Performance specification template

will supersede BS EN 61291-2:2016

GEL/86/3

**EN 61375-1**

Electronic railway equipment. Train communication network (TCN). General architecture

will supersede BS EN 61375-1:2012

GEL/9

**EN 61810-2-10**

All-or-nothing electrical relays. Tests and Measurements. Heating

will supersede None

EPL/94

**EN 61810-7-0**

All-or-nothing electrical relays. Tests and Measurements. General and Guidance

will supersede None

EPL/94

**EN 61810-7-1**

All-or-nothing electrical relays. Tests and Measurements<br />. Visual inspection and check of dimensions

will supersede None

EPL/94

**EN 61810-7-4**

All-or-nothing electrical relays. Tests and Measurements<br />. Dielectric strength test; impulse voltage test

will supersede None

EPL/94

**EN 61810-7-11**

All-or-nothing electrical relays. Tests and Measurements. Enclosure and Degree of Protection (IP code)

will supersede None

EPL/94

**EN 61810-7-12**

All-or-nothing electrical relays. Tests and Measurements. Internal Moisture

will supersede None

EPL/94

**EN 61810-7-13**

All-or-nothing electrical relays. Tests and Measurements. Corrosive atmospheres. Polluted atmospheres

will supersede None

EPL/94

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**EN 61810-7-16**

All-or-nothing electrical relays. Tests and Measurements. Soldering; solderability and resistance to soldering heat

will supersede None

EPL/94

**EN 61810-7-18**

All-or-nothing electrical relays. Tests and Measurements. Thermal resistance of the coil

will supersede None

EPL/94

**EN 61810-7-19**

All-or-nothing electrical relays. Tests and Measurements. Electrical endurance testing

will supersede None

EPL/94

**EN 61810-7-20**

All-or-nothing electrical relays. Tests and Measurements. Mechanical endurance

will supersede None

EPL/94

**EN 61810-7-22**

All-or-nothing electrical relays. Tests and Measurements. Limiting continuous current

will supersede None

EPL/94

**EN 61810-7-23**

All-or-nothing electrical relays. Tests and Measurements. Test. Overload contact circuit

will supersede None

EPL/94

**EN 61810-7-24**

All-or-nothing electrical relays. Tests and Measurements. Load transfer

will supersede None

EPL/94

**EN 61810-7-25**

All-or-nothing electrical relays. Tests and Measurements. Magnetic interference

will supersede None

EPL/94

**EN 61810-7-27**

All-or-nothing electrical relays. Testing and Measurement. Electrical contact noise

will supersede None

EPL/94

**EN 61810-7-28**

All-or-nothing electrical relays. Tests and Measurement. Thermoelectric electromotive force (e.m.f.)

will supersede None

EPL/94

**EN 61810-7-38**

All-or-nothing electrical relays. Testing and Measurement. Mechanical interlock

will supersede None

EPL/94

**EN 61810-7-40**

All-or-nothing electrical relays. Tests and Measurements. Short circuit testing

will supersede None

EPL/94

**EN 61810-7-41**

All-or-nothing electrical relays. Tests and Measurements. Insulation coordination

will supersede None

EPL/94

**EN 61810-7-43**

All-or-nothing electrical relays. Tests and Measurements. Proof tracking test

will supersede None

EPL/94

**EN 61846**

Ultrasonics. Pressure pulse lithotripters. Characteristics of fields

will supersede BS EN 61846:1999

EPL/87

**EN 61969-1**

Mechanical structures for electrical and electronic equipment. Outdoor enclosures. Design guidelines

will supersede BS EN IEC 61969-1:2020

EPL/48

**EN 62148-12:2004/A1**

Fibre optic active components and devices. Package and interface standards. Laser transmitters with a coaxial RF connector

will supersede BS EN 62148-12:2004

GEL/86/3

**EN 62228-5:2021/A1**

Integrated circuits. EMC evaluation of transceivers. Ethernet transceivers

will supersede BS EN IEC 62228-5:2021

EPL/47

**EN 62321-8**

Determination of certain substances in electrotechnical products. Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS); gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS)

will supersede BS EN 62321-8:2017

GEL/111

**EN 62423:2012/A1**

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

will supersede None

PEL/23/1

**EN 62501**

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

will supersede BS EN 62501:2009+A2:2017

PEL/22

**EN 62561-8**

Lightning protection system components (LPSC). Requirements for components for isolated LPS

will supersede None

GEL/81

**EN 62607-3-1**

Nanomanufacturing. Key control characteristics. Luminescent nanomaterials. Quantum efficiency

will supersede BS EN 62607-3-1:2014

NTI/1

**EN 62608-1**

Multimedia home network configuration. Basic reference model. System model

will supersede BS EN 62608-1:2014

EPL/100

**EN 62680-1-2**

Universal serial bus interfaces for data and power. Common components. USB Power Delivery specification

will supersede BS EN IEC 62680-1-2:2021

EPL/100

**EN 62680-1-3**

Universal serial bus interfaces for data and power. Common components. USB Type-C. Cable and Connector Specification

will supersede BS EN IEC 62680-1-3:2021

EPL/100

**EN 62751-2:2014/A2**

Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems. Modular multilevel converters

will supersede BS EN 62751-2:2014+A1:2019

PEL/22

**EN 62769-6-100**

Field Device Integration (FDI). Technology Mapping. Net

will supersede None

GEL/65/5

**EN 62769-6-200**

Field Device Integration (FDI). Technology Mapping. HTML5

will supersede None

GEL/65/5

**EN 62769-6**

Field Device Integration (FDI). Technology Mapping

will supersede BS EN IEC 62769-6:2021

GEL/65/5

**EN 62841-2-7**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held spray guns

will supersede None

CPL/116

**EN 62841-2-12**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held concrete vibrators

will supersede None

CPL/116

**EN 62841-2-16**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held fastener driving tools

will supersede None  
CPL/116

**EN 62841-2-18**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held strapping tools

will supersede None  
CPL/116

**EN 62841-2-19**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held jointers

will supersede None  
CPL/116

**EN 62841-2-20**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held band saws

will supersede None  
CPL/116

**EN 62841-2-22**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held cut-off machines

will supersede None  
CPL/116

**EN 62841-2-23**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held die grinders and small rotary tools

will supersede None  
CPL/116

**EN 62841-3-3**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for transportable planers and thicknessers

will supersede None  
CPL/116

**EN 62841-3-8**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for transportable single spindle vertical moulders

will supersede None  
CPL/116

**EN 62841-3-11**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for transportable mitre-bench saws

will supersede None  
CPL/116

**EN 62911**

Audio; video and information technology equipment. Routine electrical safety testing in production

will supersede BS EN 62911:2016  
EPL/108

**EN 62920-1**

Photovoltaic power generating systems. EMC requirements and test methods for power conversion equipment

will supersede BS EN 62920:2017  
GEL/82

**EN 62927:2017/A1**

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

will supersede None  
PEL/22

**EN 62933-5-1**

Electrical energy storage (EES) systems. Safety considerations for grid-integrated EES systems. General specification

will supersede None  
ESL/120

**EN 62007-1:2015/A1**

Semiconductor optoelectronic devices for fibre optic system applications. Specification template for essential ratings and characteristics

will supersede BS EN 62007-1:2015  
GEL/86/3

**EN 63086-2-2**

Household and similar electrical air cleaning appliances. Method for measuring performance. Particular requirements for determination of chemical gas reduction

will supersede None  
CPL/59

**EN 63115-1:2020/A1**

Secondary cells and batteries containing alkaline or other non-acid electrolytes. Sealed nickel-metal hydride cells and batteries for use in industrial applications. Performance

will supersede BS EN IEC 63115-1:2020  
PEL/21

**EN 63232-2**

Live working. Hand protective devices against the thermal hazards of an electric arc. Requirements

will supersede None  
PEL/78

**EN 63419**

Guideline for Switching Reliability Evaluation procedures for Gallium Nitride Power Conversion Devices

will supersede None  
EPL/47

**EN 63423**

Nuclear Power Plants. Instrumentation and control systems important to safety. Cable assemblies for Harsh Environment Purposes

will supersede None  
NCE/8

**EN 00256955**

Railway applications. Ground based services. Passenger rolling stock hygiene equipment

will supersede None  
RAE/1

**ISO 255**

Belt drives. Pulleys for V-belts (system based on datum width). Geometrical inspection of grooves

will supersede None  
MCE/10

**ISO 1151-7**

Flight dynamics. Concepts, quantities and symbols. Flight points and flight envelopes

will supersede None  
ACE/1

**ISO 3616**

Textile glass. Chopped-strand and continuous-filament mats. Determination of average thickness, thickness under load and recovery after compression

will supersede BS ISO 3616:2001+A1:2017  
PRI/42

**ISO 4529**

Industrial furnaces and associated processing equipment. Secondary steelmaking. Machinery and equipment for treatment of liquid steel

will supersede None  
RHE/13

**ISO 4802-1**

Glassware. Hydrolytic resistance of the interior surfaces of glass containers. Determination by titration method and classification

will supersede BS ISO 4802-1:2016  
CH/212

**ISO 4802-2**

Glassware. Hydrolytic resistance of the interior surfaces of glass containers. Determination by flame spectrometry and classification

will supersede BS ISO 4802-2:2016  
CH/212

**ISO 4931-1**

Buildings and civil engineering works. Principles, framework and guidance for resilience design. Adaptation to climate change

will supersede None  
CB/0/8

**ISO 4998**

Continuous hot-dip zinc-coated and zinc-iron alloy-coated carbon steel sheet of structural quality

will supersede BS ISO 4998:2014  
ISE/109

**ISO 5106**

Guidelines on sharing of product quality assurance related traceability information in E-commerce supply chains

will supersede None  
IST/471-3

**ISO 5533**

Textiles. Quantification of carbon fibre content. Elemental analyser method

will supersede None

TCI/100

**ISO 6028**

Pandemic response. Self-symptom checker

will supersede None

CH/304

**ISO 6612**

Windows and door height windows. Wind resistance tests

will supersede None

B/538/1

**ISO 6613**

Windows and door height windows. Air permeability test

will supersede None

B/538/1

**ISO 7603**

Decentralized Identity standard for the identification of subjects and objects

will supersede None

DLT/1

**ISO 8130-16**

Coating powders. Determination of density by liquid displacement in a measuring cylinder

will supersede None

STI/10

**ISO 8270**

Doorsets. Soft heavy body impact test

will supersede None

B/538/1

**ISO 8275**

Doorsets. Vertical load test

will supersede None

B/538/1

**ISO 8600-4**

Endoscopes. Medical endoscopes and endotherapy devices. Determination of maximum width of insertion portion

will supersede BS ISO 8600-4:2014

CPW/172

**ISO 9306**

Traditional Chinese Medicine. Ephedra sinica, Ephedra intermedia, and Ephedra equisetina herbaceous stem

will supersede None

CH/100/1

**ISO 9319**

Traditional Chinese medicine. Poria cocos sclerotium

will supersede None

CH/100/1

**ISO 9828-1**

Railway applications. Fire protection on railway vehicles. General

will supersede None

RAE/1

**ISO 9879**

Railway applications. Rolling stock maintenance. Terms and definitions

will supersede None

RAE/1

**ISO 11669**

Translation projects. General guidance

will supersede PD ISO/TS 11669:2012

TS/1

**ISO 11749**

Belt drive. V-ribbed belts for the automotive industry. Fatigue test

will supersede BS ISO 11749:2014

MCE/10

**ISO 13209-4**

Road vehicles. Open Test sequence eXchange format (OTX). Expanded extensions interface definition

will supersede BS ISO 13209-4:2021

AUE/16

**ISO 13400-2:2019/A1**

Road vehicles. Diagnostic communication over Internet Protocol (DoIP). Transport protocol and network layer services

will supersede None

AUE/16

**ISO 13741-2**

Plastics/rubber. Polymer dispersions and rubber latices (natural and synthetic). Determination of residual monomers and other organic components by capillary-column gas chromatography. Headspace method

will supersede BS ISO 13741-2:1998 (R04)

PRI/82

**ISO 13756**

Jewellery and precious metals. Determination of silver in silver alloys. Volumetric (potentiometric) method using sodium chloride or potassium chloride

will supersede BS ISO 13756:2015

STI/53

**ISO/IEC 14543-4-302**

Information technology. Home Electronic System (HES) architecture. Application protocol for electrical storage systems and controllers

will supersede None

IST/6

**ISO 14785**

Tourism and related services. Tourist information and reception online and onsite services

will supersede BS ISO 14785:2014

SVS/2

**ISO 15024**

Fibre-reinforced plastic composites. Determination of mode I interlaminar fracture toughness, G<sub>IC</sub>, for unidirectionally reinforced materials

will supersede BS ISO 15024:2001

PRI/42

**ISO 15031-3**

Road vehicles. Communication between vehicle and external equipment for emissions-related diagnostics. Diagnostic connector and related electrical circuits. Specification and use

will supersede BS ISO 15031-3:2016

AUE/16

**ISO 15765-2**

Road vehicles. Diagnostic communication over Controller Area Network (DoCAN). Transport protocol and network layer services

will supersede BS ISO 15765-2:2016

AUE/16

**ISO 15765-5**

Road vehicles. Diagnostic communication over Controller Area Network (DoCAN). Specification for an in-vehicle network connected to the diagnostic link connector

will supersede BS ISO 15765-5:2021

AUE/16

**ISO 19735**

Corrosion of metals and alloys. Corrosivity of atmospheres. Mapping areas of increased risk of corrosion

will supersede None

ISENFE/8

**ISO 10110-6**

Optics and photonics. Preparation of drawings for optical elements and systems. Centring and tilt tolerances

will supersede None

CPW/172

**ISO 20658**

Medical laboratories. Requirements for collection and transport of samples

will supersede PD ISO/TS 20658:2017

CH/212

**ISO 21782-1**

Electrically propelled road vehicles. Test specification for electric propulsion components. General test conditions and definitions

will supersede BS ISO 21782-1:2019

PEL/69

**ISO 21994**

Passenger cars. Stopping distance at straight-line braking with ABS. Open-loop test method

will supersede None

AUE/15

**ISO 21001**

Educational organizations. Management systems for educational organizations. Requirements with guidance for use

will supersede BS ISO 21001:2018

IST/43

**ISO 22638**

Rubber. Generation and collection of tyre and road wear particles (TRWP). Road simulator laboratory method

will supersede None

PRI/200



**ISO 22640**

Rubber. Framework for physical and chemical characterization of tyre and road wear particles (TRWP)

will supersede None

PRI/200

**ISO 22733-1**

Road vehicles. Test method to evaluate the performance of autonomous emergency braking systems. Car-to-car

will supersede BS ISO 22733-1:2021

AUE/15

**ISO 22841:2021/A1**

Composites and reinforcements fibres. Carbon fibre reinforced plastics(CFRPs) and metal assemblies. Determination of the tensile lap-shear strength

will supersede None

PRI/42

**ISO 24021-2**

Light gauge metal containers. Terminology and classification. General cans

will supersede None

PKW/0

**ISO 24060-2**

Ships and marine technology. Ship software logging system for operational technology. Electronic service reports

will supersede None

SME/32

**ISO 24613-6**

Language resource management. Lexical markup framework (LMF). Syntax and Semantics

will supersede None

TS/1

**ISO 25062**

Software engineering. Software product Quality Requirements and Evaluation (SQuaRE). Common Industry Format (CIF) for usability test reports

will supersede None

PH/9

**ISO 28005-3**

Ships and marine technology. Electronic port clearance (EPC). Technical standard for administrative and operational data exchanges

will supersede None

SME/32

**ISO 28401**

Light metals and their alloys. Titanium and titanium alloys. Classification and terminology

will supersede None

NFE/35

**ISO/IEC 30179**

Internet of Things (IoT). Overview and general requirements of IoT system for ecological environment monitoring

will supersede None

IOT/1

**ISO 31031**

Managing risk for youth and school trips

will supersede None

RM/1

**ISO 37151**

Smart community infrastructures. Principles and requirements for performance metrics

will supersede None

SDS/2

**ISO/IEC 30141**

Internet of Things (IoT). Reference architecture

will supersede BS ISO/IEC 30141:2018

IOT/1

**BS 7000-4**

Design management systems. Guide to managing design in construction

will supersede BS 7000-4:2013

B/209/-11

**BS 7533-102**

of pavements using modular paving units

will supersede BS 7533-3:2005+A1:2009

B/507/-12

**BS 8640**

Specification for tree and structural soils and requirements for use

will supersede None

AW/20

**EN 12094-13**

Fixed firefighting systems. Components for gas extinguishing systems. Requirements and test methods for check valves and non-return valves

will supersede None

FSH/18/6

**CEN/TR XXX**

Construction products. Assessment of release of dangerous substances. Pros and cons of methods for communicating the potential release of dangerous substances into soil, groundwater or surface water and indoor air

will supersede None

B/557

**CEN/TR XXX**

Public transport. Distribution APIs for MaaS

will supersede None

EPL/278

**CEN/TR 17172**

Validation testing program on chloride penetration and carbonation standardized test methods

will supersede BS EN ISO 17172:2021

B/517/1

**CEN/TR 17603-40**

Space engineering. Software engineering handbook

will supersede None

ACE/68

**CEN/TR 17603-40-01**

Space engineering. Agile software development handbook

will supersede None

ACE/68

**CEN/TR 17603-50**

Space engineering. Communication guidelines

will supersede None

ACE/68

**CEN/TR 17825**

Chemical disinfectants and antiseptics. Interpretation of water controls in EN 16615. 2015

will supersede None

CH/216

**CEN/TR 17828**

Title. Road infrastructure. Automated vehicle interactions. Reference Framework Release 1

will supersede None

B/509/12

**CEN/TS 15427-1-2**

Railway applications. Wheel/Rail friction management. Equipment and Application. Top of Rail materials

will supersede PD CEN/TS 15427-1-2:2021

RAE/3/-/6

**CEN/TS 15427-1-3**

Railway applications. Wheel/Rail friction management. Equipment and Application. Adhesion materials

will supersede PD CEN/TS 15427-1-3:2021

RAE/3/-/6

**CEN/TS 15427-2-2**

Railway applications. Wheel/Rail friction management. Properties and Characteristics. Top of Rail materials

will supersede PD CEN/TS 15427-2-2:2021

RAE/3/-/6

**CEN/TS 15427-2-3**

Railway applications. Wheel/Rail friction management. Properties and Characteristics. Adhesion materials

will supersede PD CEN/TS 15427-2-3:2021

RAE/3/-/6

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

**CEN/TS 17152-3**

Plastics piping systems for non-pressure underground conveyance and storage of nonpotable water. Boxes used for infiltration, attenuation and storage systems. Assessment of conformity

will supersede None

PR1/88/5

**IEC/TR 61292-4**

Optical amplifiers. Maximum permissible optical power for the damage-free and safe use of optical amplifiers; including Raman amplifiers

will supersede PD IEC/TR 61292-4:2014

GEL/86/3

**IEC/TR 61292-6**

Optical amplifiers. Distributed Raman amplification

will supersede PD IEC/TR 61292-6:2010

GEL/86/3

**IEC/TR 61292-9**

Optical amplifiers. Semiconductor optical amplifiers (SOAs)

will supersede PD IEC/TR 61292-9:2017

GEL/86/3

**IEC/TS 61966-13**

Multimedia systems and equipment. Colour measurement and management. Measurement method of Display Colour Properties Depending on Observers (TA 2)

will supersede None

EPL/100

**IEC/TS 62446-3**

Photovoltaic (PV) systems. Requirements for testing; documentation and maintenance. Photovoltaic modules and plants. Outdoor infrared thermography

will supersede PD IEC/TS 62446-3:2017

GEL/82

**IEC/TS 62876-3-2**

Nanomanufacturing. Reliability and durability assessment. Graphene. Ellipsometry measurement of Graphene

will supersede None

NTI/1

**IEC/TS 62005-9-5**

Reliability of fibre optic interconnecting devices and passive optical components. Reliability qualification for protective housings

will supersede None

GEL/86/2

**IEC/TS 63337**

Basic qualification of DC-link film capacitors for automotive use. General Requirements; Test Conditions and Tests

will supersede None

W/-

**IEC/TR 63424-1**

Validation of dynamic power control and exposure time-averaging algorithms;. Cellular network implementations for SAR at frequencies below 6 GHz

will supersede None

GEL/106

**ISO/TR 6030**

Smart community infrastructures. Disaster risk reduction. Survey results and gap analysis

will supersede None

SDS/2

**ISO/TS 6737**

Vacuum technology. Vacuum gauges. Characteristics for a stable ionisation vacuum gauge

will supersede None

MCE/8/-/4

**ISO/TR 6750-2**

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

will supersede PD ISO/TR 6750-2:2021

B/513/1

**ISO/TS 6912**

Document management. Portable Document Format. Clarification for initial graphics state in ISO 32000-2

will supersede None

IDT/1

**ISO/TS 7344**

Short-range Wireless Sensor to Device Communication

will supersede None

TW/1

**ISO/TS 7013**

Water quality. Guidance document on designing an interlaboratory trial for validation of analytical methods

will supersede None

EH/3/2

**ISO/TS 8621**

Document management. Digital file format preservation. Selection criteria

will supersede None

IDT/1

**ISO/TR 11147**

Health informatics. Personalized digital health. Digital therapeutics health software systems

will supersede None

IST/35

**ISO/TR 16610-32**

Geometrical product specifications (GPS). Filtration. Robust profile filters. Spline filters

will supersede DD ISO/TS 16610-32:2009

TPR/1

**ISO/TS 23374-2**

Intelligent transport systems. Automated valet parking systems (AVPS). Security integration

will supersede None

EPL/278

**ISO/TS 23516**

Blockchain and Distributed Ledger Technology. Interoperability Framework

will supersede None

DLT/1

**ISO/TR 23850**

Geometrical Product Specification (GPS). Association. Mathematical concepts

will supersede None

TPR/1

**ISO/TR 23867**

Ultrasonic testing of hardmetals

will supersede None

ISE/65

**ISO/IEC/TR 27024**

ISO/IEC 27001 family of standards references list. Use of ISO/IEC 27001 family of standards in Governmental/Regulatory requirements

will supersede None

IST/33

**ISO/IEC/TR 27109**

Cybersecurity education and training

will supersede None

IST/33

**ISO/IEC/TR 29119-13**

Software and systems engineering. Software testing. Guidelines for the use of ISO/IEC/IEEE 29119 in the testing of biometric systems

will supersede None

IST/15/-/26

**CEN/TS XXX**

Construction products. Assessment of release of dangerous substances. Methods for the determination of nitrosamines in air samples derived by EN 16516

will supersede None

B/557

**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 Standards Development Portal. You can register to the Standards Development portal at <https://standardsdevelopment.bsigroup.com/> This service is free of charge.

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

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).

**21/30426217 DC**

BS 8000-6 Workmanship on construction sites. Code of practice for slating and tiling of roofs and walls

B/542/1

Comments for the above document are required by 26 January, 2022

**21/30434144 DC**

BS 3632 Residential park homes. Specification  
B/511

*Comments for the above document are required by  
24 January, 2022*

**21/30443491 DC**

BS 8437 Code of practice for selection, use and  
maintenance of personal fall protection systems  
and equipment for use in the workplace

PH/5

*Comments for the above document are required by  
10 February, 2022*

## DRAFT BRITISH STANDARDS FOR PUBLIC COMMENT – ADOPTIONS

You may comment online on draft standards issued by BSI, ISO, IEC, CEN and CENELEC at the Standards Development Portal. 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. You can register to the Standards Development portal at <https://standardsdevelopment.bsigroup.com/> This service is free of charge.

If a particular draft you are looking for is not included, please contact BSI Customer services to enquire on the availability of the standard.

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Comments on all Draft British Standards are welcome and should be sent to Debbie Stead, Associate Director of Operations, BSI Group, 389 Chiswick High Road, London W4 4AL.

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

**21/30350331 DC**

BS IEC 60092-401 Electrical installations in ships. Installation and test of completed installation

JPEL/18

*Comments for the above document are required by  
5 January, 2022*

**21/30363635 DC**

BS ISO 11154 Road vehicles. Roof load carriers

AUE/13

*Comments for the above document are required by  
18 January, 2022*

**21/30379304 DC**

BS EN ISO 10993-17 Biological evaluation of  
medical devices. Toxicological risk assessment of  
medical device constituents

CH/194

*Comments for the above document are required by  
11 January, 2022*

**21/30381912 DC**

BS ISO/IEC 23220-1 Cards and security devices  
for personal identification. Building blocks for  
identity management via mobile devices.  
Generic system architectures of mobile eID  
systems

IST/17

*Comments for the above document are required by  
17 January, 2022*

**21/30382544 DC**

BS ISO 18251-2 Non-destructive testing. Infrared  
thermography. System and equipment. Test  
method for integrated performance

WEE/46/8

*Comments for the above document are required by  
12 January, 2022*

**21/30384558 DC**

BS EN ISO 20048-2 Solid biofuels. Determination  
of off-gassing and oxygen depletion  
characteristics. Operational method for  
screening of carbon monoxide off-gassing

PTI/17

*Comments for the above document are required by  
18 January, 2022*

**21/30389674 DC**

BS EN ISO 10272-1 AMD1 Microbiology of the  
food chain. Horizontal method for detection  
and enumeration of *Campylobacter* spp.  
Detection method

AW/9

*Comments for the above document are required by  
16 January, 2022*

**21/30389677 DC**

BS EN ISO 10272-2 AMD1 Microbiology of the  
food chain. Horizontal method for detection  
and enumeration of *Campylobacter* spp.  
Colony-count technique

AW/9

*Comments for the above document are required by  
16 January, 2022*

**21/30392265 DC**

BS ISO 8100-33 Lifts for the transport of persons  
and goods. T-type guide rails for lift cars and  
counterweights

MHE/4

*Comments for the above document are required by  
8 January, 2022*

**21/30394867 DC**

BS ISO 24057 Array measurement of  
microtremors to estimate shear wave velocity  
profile

B/526/3

*Comments for the above document are required by  
23 January, 2022*

**21/30395416 DC**

BS ISO 8518 Workplace air. Determination of  
particulate lead and lead compounds. Flame or  
electrothermal atomic absorption spectrometric  
method

EH/2/2

*Comments for the above document are required by  
10 January, 2022*

**21/30395675 DC**

BS ISO 24678-9 Fire safety engineering.  
Requirements governing algebraic equations.  
Ejected flame from an opening

FSH/24

*Comments for the above document are required by  
15 January, 2022*

**21/30396027 DC**

BS ISO 24132 Ships and marine technology.  
Design and testing of marine transfer arms for  
liquefied hydrogen

SME/32

*Comments for the above document are required by  
10 January, 2022*

**21/30397434 DC**

BS ISO 24185 Evaluation of the uncertainty of  
measurements from a stationary autocorrelated  
process

SS/6

*Comments for the above document are required by  
22 January, 2022*

**21/30402410 DC**

BS ISO/IEC 17549-3 Information technology. User  
interface guidelines on menu navigation.  
Navigation with 1-direction devices

ICT/2

*Comments for the above document are required by  
22 January, 2022*

**21/30403743 DC**

BS EN ISO 19659-3 Railway applications.  
Heating, ventilation and air conditioning  
systems for rolling stock. Energy efficiency

RAE/4I-3

*Comments for the above document are required by  
23 January, 2022*

**21/30404367 DC**

BS EN ISO 5467-1 Dentistry. Mobile dental units  
and patient chairs. General requirements

CH/106/4

*Comments for the above document are required by  
16 January, 2022*

**21/30404521 DC**

BS ISO 16378 Space systems. Measurements of  
thermo-optical properties of thermal control  
materials

ACE/68

*Comments for the above document are required by  
10 January, 2022*

**21/30405401 DC**

BS ISO 18951-2 Imaging materials. Scratch  
resistance of photographic prints. Sclerometer  
test method

CPW/42

*Comments for the above document are required by  
18 January, 2022*

**21/30405786 DC**

BS ISO 24417 Surface chemical analysis. Analysis of metallic nanolayers on iron based substrates by glow-discharge optical-emission spectrometry

CII/60

Comments for the above document are required by 11 January, 2022

**21/30408041 DC**

BS EN ISO 37109 Sustainable cities and communities. Recommendations and requirements for project developers. Meeting ISO 37101 framework principles

SDS/2

Comments for the above document are required by 22 January, 2022

**21/30408128 DC**

BS ISO 24675 Railway Applications. Running time calculation for timetabling. Requirements

RAE/1

Comments for the above document are required by 25 January, 2022

**21/30408839 DC**

BS EN ISO 15589-2 Petroleum, petrochemical and natural gas industries. Cathodic protection of pipeline transportation systems. Offshore pipelines

PSE/17/2

Comments for the above document are required by 12 January, 2022

**21/30400011 DC**

BS ISO 17401 Space systems. Spacecraft interface requirements document for launch vehicle services

ACE/68

Comments for the above document are required by 15 January, 2022

**21/30411293 DC**

BS ISO/IEC 24791-3 Information technology. Radio frequency identification (RFID) for item management. Software system infrastructure. Device management

IST/34

Comments for the above document are required by 18 January, 2022

**21/30414939 DC**

BS ISO 3482 Marine technology. Technical guidelines for the active source exploration with Ocean Bottom Seismometers (OBS)

SME/32

Comments for the above document are required by 18 January, 2022

**21/30415192 DC**

BS ISO 4754 Traditional Chinese Medicine. Fermented *Cordyceps* Powder

CH/100/1

Comments for the above document are required by 23 January, 2022

**21/30415532 DC**

BS ISO 4680 Corrosion of metals and alloys. Method of uniaxial constant load test for evaluating susceptibility of metals and alloys to stress corrosion cracking in high-purity water at high temperatures

ISENFE/8

Comments for the above document are required by 17 January, 2022

**21/30419095 DC**

BS EN 15129-6 Anti-seismic devices. Sliding isolators

B/522

Comments for the above document are required by 18 January, 2022

**21/30419197 DC**

BS IEC 63310 Functional performance criteria for robots used in AAL connected home environment

ICT/2

Comments for the above document are required by 5 January, 2022

**21/30421406 DC**

BS EN ISO 7551 Dentistry. Absorbent points

CH/106/1

Comments for the above document are required by 15 January, 2022

**21/30425919 DC**

BS ISO 3688 Pulp. Preparation of laboratory sheets for the measurement of optical properties

PAI/11

Comments for the above document are required by 10 January, 2022

**21/30426328 DC**

BS ISO 22010 Space systems. Mass properties control

ACE/68

Comments for the above document are required by 10 January, 2022

**21/30426366 DC**

BS ISO 23780-1 Ships and marine technology. Procedure for testing the performance of continuous monitoring TRO sensors used in ships. DPD sensors

SME/32

Comments for the above document are required by 9 January, 2022

**21/30426013 DC**

BS EN ISO/IEC 3532-1 Information technology. 3D Printing and scanning. Medical image-based modelling. General requirement

ICT/1/1

Comments for the above document are required by 11 January, 2022

**21/30427333 DC**

BS ISO 14533-1 Processes, data elements and documents in commerce, industry and administration. Long term signature. Profiles for CMS Advanced Electronic Signatures (CAeS)

IST/47/-/3

Comments for the above document are required by 11 January, 2022

**21/30427616 DC**

BS EN ISO 5467-2 Dentistry. Mobile dental units and dental patient chairs. Air, water, suction and wastewater systems

CH/106/4

Comments for the above document are required by 24 January, 2022

**21/30428134 DC**

BS ISO 4722-1 Water quality. Thorium 232. Test method using alpha spectrometry

EH/3/8

Comments for the above document are required by 16 January, 2022

**21/30428184 DC**

BS EN ISO 11644 Leather. Test for adhesion of finish

TCI/69

Comments for the above document are required by 25 January, 2022

**21/30430328 DC**

BS EN ISO 7278-2 Petroleum measurement systems. Pipe prover design, calibration and operation

£18.00 members, £36.00 non-members

PTI/12

Comments for the above document are required by 11 January, 2022

**21/30430498 DC**

BS EN ISO 306 Plastics. Thermoplastic materials. Determination of Vicat softening temperature (VST)

PRI/21

Comments for the above document are required by 11 January, 2022

**21/30430957 DC**

BS ISO 18951-1 Imaging materials. Scratch resistance of photographic prints. General test method

CPW/42

Comments for the above document are required by 18 January, 2022

**21/30431280 DC**

BS EN 62974-1 Monitoring and measuring systems used for data collection. gathering and analysis. Device requirements

PEL/85

Comments for the above document are required by 5 January, 2022

**21/30431777 DC**

BS EN 14434 Writing boards for educational institutions. Ergonomic, technical and safety requirements and their test methods

FWI/0/4

Comments for the above document are required by 25 January, 2022

**21/30432176 DC**

BS EN 12255-3 Wastewater treatment plants. Preliminary treatment

B/505/40

Comments for the above document are required by 25 January, 2022

**21/30432230 DC**

BS EN IEC 63203-402-3 Wearable electronic devices and technologies. Performance measurement method of wearables. Series 2. Accuracy of Heart Rate Determination

AMT/9

Comments for the above document are required by 12 January, 2022

**21/30432278 DC**

BS ISO 16478 Thermal insulation products. Vacuum insulation panels (VIPs). Specification B/540/8

*Comments for the above document are required by 17 January, 2022*

**21/30432868 DC**

BS EN 17657 Equipment's for slaughterhouses. Slaughtering traps for bovine animals. Safety and hygiene requirements

MCE/3/5

*Comments for the above document are required by 18 January, 2022*

**21/30433017 DC**

BS EN IEC 63366 Product category rules for life cycle assessment of electrical and electronic products and systems

GEL/111

*Comments for the above document are required by 12 January, 2022*

**21/30433261 DC**

BS ISO/IEC 29167-16 Information technology. Automatic identification and data capture techniques. Crypto suite ECDSA-ECDH security services for air interface communications

IST/34

*Comments for the above document are required by 18 January, 2022*

**21/30434303 DC**

BS EN 10088-1 Stainless steels. List of stainless steels

ISE/105

*Comments for the above document are required by 11 January, 2022*

**21/30434306 DC**

BS EN 10088-3 Stainless steels. Technical delivery conditions for semi-finished products, bars, rods, wire, sections and bright products of corrosion resisting steels for general purposes

ISE/105

*Comments for the above document are required by 11 January, 2022*

**21/30434309 DC**

BS EN 10088-2 Stainless steels. Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for general purposes

ISE/105

*Comments for the above document are required by 11 January, 2022*

**21/30434576 DC**

BS EN ISO 21606 Dentistry. Elastomeric auxiliaries for use in orthodontics

CH/106/1

*Comments for the above document are required by 10 January, 2022*

**21/30434676 DC**

BS ISO 30400 Human resource management. Vocabulary

HCS/1/2

*Comments for the above document are required by 23 January, 2022*

**21/30434709 DC**

BS ISO 24118-1 Paper and board. Stylus contact method. Determination of surface roughness PAU/11

*Comments for the above document are required by 11 January, 2022*

**21/30434774 DC**

BS EN 1729-2 Furniture. Chairs and tables for educational institutions. Safety requirements and test methods

FW/0/4

*Comments for the above document are required by 25 January, 2022*

**21/30434969 DC**

BS EN ISO 8872 Aluminium caps and aluminium/plastic caps for infusion bottles and injection vials. General requirements and test methods

CH/212

*Comments for the above document are required by 11 January, 2022*

**21/30435535 DC**

BS EN IEC 62803-3 Transmitting and receiving equipment for radiocommunication. Frequency response of optical-to-electric conversion device in high-frequency radio over fibre systems. Measurement method of nonlinear response of optical-to-electric converter

EPL/103

*Comments for the above document are required by 12 January, 2022*

**21/30436280 DC**

BS EN IEC 62820-1-1 Building intercom systems. System requirements. General

GW/1

*Comments for the above document are required by 12 January, 2022*

**21/30437458 DC**

BS EN IEC 61970-457 Energy management system application program interface (EMS-API). Dynamics profile

£40.00 members, £80.00 non-members

PEL/57

*Comments for the above document are required by 12 January, 2022*

**21/30437557 DC**

BS EN ISO 8536-3 AMD1 Infusion equipment for medical use. Aluminium caps for infusion bottles

CH/212

*Comments for the above document are required by 10 January, 2022*

**21/30437893 DC**

BS ISO 24674 Method and requirement of plasma nitriding and follow-up PVD hard coatings on cold-work mould steels

STI/33

*Comments for the above document are required by 10 January, 2022*

**21/30437896 DC**

BS ISO 24688 Determination of modulation period of nano-multilayer coatings by low-angle X-ray methods

STI/33

*Comments for the above document are required by 10 January, 2022*

**21/30437928 DC**

BS ISO 4427-2 AMD1 Plastics piping systems for water supply, and for drainage and sewerage under pressure. Polyethylene (PE). Pipes

PRI/88/2

*Comments for the above document are required by 2 January, 2022*

**21/30437973 DC**

BS EN 352-6 AMD1 Hearing protectors. Safety requirements. Earmuffs with safety-related audio input

PH/7

*Comments for the above document are required by 18 January, 2022*

**21/30437976 DC**

BS EN 352-8 AMD1 Hearing protectors. Safety requirements. Entertainment audio earmuffs

PH/7

*Comments for the above document are required by 18 January, 2022*

**21/30437979 DC**

BS EN 352-10 AMD1 Hearing protectors. Safety requirements. Entertainment audio earplugs

PH/7

*Comments for the above document are required by 18 January, 2022*

**21/30437982 DC**

BS EN 352-9 AMD1 Hearing protectors. Safety requirements. Earplugs with safety-related audio input

PH/7

*Comments for the above document are required by 18 January, 2022*

**21/30438184 DC**

BS EN ISO 4465 Textiles. Animal welfare in the supply chain. General requirements for the production, preparation and traceability of Angora rabbit fibre, including ethical claims and supporting information

TCI/100

*Comments for the above document are required by 12 January, 2022*

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**21/30440252 DC**

BS EN 13819-3 AMD1 Hearing protectors. Testing. Supplementary acoustic test methods

PH/7

Comments for the above document are required by 18 January, 2022

**21/30440689 DC**

BS ISO 16053 Paints and varnishes. Coating materials and coating systems for exterior wood. Natural weathering test

STI/10

Comments for the above document are required by 15 January, 2022

**21/30440888 DC**

BS EN 63220 LED Light sources. Safety requirements

£18.00 members, £36.00 non-members

CPL/34/1

Comments for the above document are required by 5 January, 2022

**21/30441525 DC**

BS EN 16329 Diesel and domestic heating fuels. Determination of cold filter plugging point. Linear cooling bath method

PTI/13

Comments for the above document are required by 11 January, 2022

**21/30441584 DC**

BS EN 12616 Surfaces for sports areas. Test methods for the determination of vertical water infiltration and horizontal water flow rates

PRI/57

Comments for the above document are required by 25 January, 2022

**21/30441601 DC**

BS EN 15267-1 Air quality. Assessment of air quality monitoring equipment. General principles of certification

EH/2/1

Comments for the above document are required by 25 January, 2022

**21/30441604 DC**

BS EN 15267-2 Air quality. Assessment of air quality monitoring equipment. Initial assessment of the manufacturer's quality management system and post certification surveillance for the manufacturing process

EH/2/1

Comments for the above document are required by 25 January, 2022

**21/30442065 DC**

BS EN 17176-2 AMD1 Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure. Oriented unplasticized poly(vinyl chloride) (PVC-O). Pipes

PRI/88/2

Comments for the above document are required by 11 January, 2022

**21/30442398 DC**

BS EN 13288 Food processing machinery. Bowl lifting and tilting machines. Safety and hygiene requirements

MCE/3/5

Comments for the above document are required by 18 January, 2022

**21/30442429 DC**

BS EN 17795 Entertainment Technology. Codes of Practice. Lifting and motion Operations in the Event Industry

MHE/3/13

Comments for the above document are required by 11 January, 2022

**21/30442576 DC**

BS EN 13922 AMD1 Tanks for transport of dangerous goods. Service equipment for tanks. Overfill prevention systems for liquid fuels

AUE/18

Comments for the above document are required by 11 January, 2022

**21/30442957 DC**

BS EN ISO/IEC 8652. Information technology. Programming languages. Ada

£47.00 members, £94.00 non-members

IST/5

Comments for the above document are required by 9 January, 2022

**21/30443219 DC**

BS EN 16905-5 Gas-fired endothermic engine driven heat pumps. Calculation of seasonal performances in heating and cooling mode

GSE/37

Comments for the above document are required by 18 January, 2022

**21/30443406 DC**

BS EN IEC 61169-72 Radio-frequency connectors. Sectional specification for Precision SMP3 series coaxial connectors as test connector

EPL/46

Comments for the above document are required by 12 January, 2022

**21/30443671 DC**

BS EN 16602-70-40 Space product assurance. Processing and quality assurance requirements for hard brazing of metallic materials for flight hardware

ACE/68

Comments for the above document are required by 25 January, 2022

**21/30444400 DC**

BS EN ISO 13703-2 Petroleum, petrochemical and natural gas industries. Piping systems on offshore platforms and onshore plants. Materials

£33.00 members, £66.00 non-members

PSE/171-16

Comments for the above document are required by 12 January, 2022

**21/30444407 DC**

BS ISO 4359 Flow measurement structures. Rectangular, trapezoidal and U-shaped flumes

CPI/113/2

Comments for the above document are required by 10 January, 2022

**21/30444420 DC**

BS EN ISO 9288 Thermal insulation. Heat transfer by radiation. Physical quantities and definitions

B/540/8

Comments for the above document are required by 25 January, 2022

**21/30444513 DC**

BS ISO 7206-13:2016 AMD1 Implants for surgery. Partial and total hip joint prostheses. Determination of resistance to torque of head fixation of stemmed femoral components

CH/150/4

Comments for the above document are required by 18 January, 2022

**21/30444561 DC**

BS ISO 9608 V-belts and V-ribbed belts. Uniformity of belts. Test method for determination of centre distance variation

MCE/10

Comments for the above document are required by 16 January, 2022

**21/30444636 DC**

BS EN ISO 21149:2017 AMD1 Cosmetics. Microbiology. Enumeration and detection of aerobic mesophilic bacteria

CW/217

Comments for the above document are required by 19 January, 2022

**21/30444640 DC**

BS EN ISO 21150:2015 AMD1 Cosmetics. Microbiology. Detection of Escherichia coli

CW/217

Comments for the above document are required by 19 January, 2022

**21/30444644 DC**

BS EN ISO 22717:2015 AMD1 Cosmetics. Microbiology. Detection of Pseudomonas aeruginosa

CW/217

Comments for the above document are required by 19 January, 2022

**21/30444649 DC**

BS EN ISO 22718:2015 AMD1 Cosmetics. Microbiology. Detection of Staphylococcus aureus

CW/217

Comments for the above document are required by 19 January, 2022

**21/30444653 DC**

BS EN ISO 18415:2017 AMD1 Cosmetics. Microbiology. Detection of specified and non-specified microorganisms

CW/217

Comments for the above document are required by 19 January, 2022

**21/30444657 DC**

BS EN ISO 18416:2015 AMD1 Cosmetics. Microbiology. Detection of Candida albicans

CW/217

Comments for the above document are required by 19 January, 2022

**21/30444661 DC**

BS EN ISO 16212:2017 AMD1 Cosmetics. Microbiology. Enumeration of yeast and mould CW/217

*Comments for the above document are required by 19 January, 2022*

**21/30444665 DC**

BS EN ISO 11930:2019 AMD1 Cosmetics. Microbiology. Evaluation of the antimicrobial protection of a cosmetic product CW/217

*Comments for the above document are required by 19 January, 2022*

**21/30445589 DC**

BS EN 4500-006 Aerospace series. Metallic materials. Rules for drafting and presentation of material standards. Specific rules for filler metals for brazing

ACE/61

*Comments for the above document are required by 11 January, 2022*

**21/30445601 DC**

BS EN 4877-001 Aerospace series. Filler metals for welding. Technical specification

ACE/61

*Comments for the above document are required by 11 January, 2022*

**21/30445604 DC**

BS EN 4877-002 Aerospace series. Filler metals for welding. Authorized filler metals

ACE/61

*Comments for the above document are required by 11 January, 2022*

**21/30446642 DC**

BS EN 60228 Conductors of insulated cables

GEL/20/16

*Comments for the above document are required by 5 January, 2022*

**21/30446646 DC**

BS EN 60502-2 AMD1 Power cables with extruded insulation and their accessories for rated voltages from 1 kV ( $U_m = 1,2$  kV) up to 30 kV ( $U_m = 36$  kV). Cables for rated voltages from 6 kV ( $U_m = 7,2$  kV) up to 30 kV ( $U_m = 36$  kV)

GEL/20/16

*Comments for the above document are required by 5 January, 2022*

**21/30447319 DC**

BS EN 60079-7 Explosive atmospheres. Equipment protection by increased safety £18.00 members, £36.00 non-members

EXL/31

*Comments for the above document are required by 5 January, 2022*

**21/30447512 DC**

BS EN 9104-002 Aerospace series. Quality management systems. Requirements for the Oversight of Aviation, Space, and Defense Quality Management System Certification Programs

ACE/1

*Comments for the above document are required by 18 January, 2022*

**21/30447575 DC**

BS EN IEC 61300-2-26 Fibre optic interconnecting devices and passive components. Basic test and measurement procedures. Tests. Salt mist

GEL/86/2

*Comments for the above document are required by 5 January, 2022*

**21/30447583 DC**

BS EN 61969-1 Mechanical structures for electrical and electronic equipment. Outdoor enclosures. Design guidelines

EPL/48

*Comments for the above document are required by 12 January, 2022*

**21/30447587 DC**

BS EN IEC 61969-3 Mechanical structures for electrical and electronic equipment. Outdoor enclosures. Environmental requirements, tests and safety aspects

EPL/48

*Comments for the above document are required by 12 January, 2022*

**21/30447896 DC**

BS EN IEC 60352-2 Solderless connections. Crimped connections. General requirements, test methods and practical guidance £18.00 members, £36.00 non-members

EPL/48

*Comments for the above document are required by 12 January, 2022*

**21/30447994 DC**

BS EN 1953 Application equipment for coating materials. Safety requirements

MCE/3/8

*Comments for the above document are required by 18 January, 2022*

**21/30447995 DC**

BS EN 12621 Machinery for supply and circulation of liquid coating materials. Safety requirements

MCE/3/8

*Comments for the above document are required by 18 January, 2022*

**21/30400346 DC**

BS ISO 19609-3 Traditional Chinese medicine. Quality and safety of raw materials and finished products made with raw materials. Testing for contaminants

CH/100/1

*Comments for the above document are required by 22 January, 2022*

**21/30401275 DC**

BS ISO 7001 Graphical symbols. Registered Public information symbols £18.00 members, £36.00 non-members

PH/8/2

*Comments for the above document are required by 22 January, 2022*

**DOCUMENTS NOT ISSUED AS DPCs**

The following documents were not issued for Enquiry by the relevant Standard Development Organizations and therefore not able to be issued in the UK as a Draft for Public Comment. Any comments can be submitted to the named contact for committee consideration but they may have to be held over until a future amendment or revision project. Comments can be sent by email or by post to named contacts at:–  
BSI Group  
389 Chiswick High Road  
London W4 4AL

**IEC 63419**

Guideline for Switching Reliability Evaluation procedures for Gallium Nitride Power Conversion Devices

Contact: Committee Service Centre

Email: [csc@bsigroup.com](mailto:csc@bsigroup.com)

EPL/47

**IEC 62680-1-3**

Universal serial bus interfaces for data and power. Common components. USB Type-C. Cable and Connector Specification

Contact: Julie Horton

Email: [julie.horton@bsigroup.com](mailto:julie.horton@bsigroup.com)

EPL/100

**IEC 62769-6**

Field Device Integration (FDI). Technology Mapping

Contact: Jasnam Channe

Email: [jasnam.channe@bsigroup.com](mailto:jasnam.channe@bsigroup.com)

GEL/65/5

**IEC 62841-3-8**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for transportable single spindle vertical moulders

Contact: Jasnam Channe

Email: [jasnam.channe@bsigroup.com](mailto:jasnam.channe@bsigroup.com)

CPL/116

**IEC 62769-6-200**

Field Device Integration (FDI). Technology Mapping. HTML5

Contact: Jasnam Channe

Email: [jasnam.channe@bsigroup.com](mailto:jasnam.channe@bsigroup.com)

GEL/65/5

**IEC 63115-1:2020/A1**

Secondary cells and batteries containing alkaline or other non-acid electrolytes. Sealed nickel-metal hydride cells and batteries for use in industrial applications. Performance

Contact: Nicola Young

Email: [nicola.young@bsigroup.com](mailto:nicola.young@bsigroup.com)

PEL/21

**IEC 62841-2-18**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held strapping tools

Contact: Jasnam Channe  
Email: jasnam.channe@bsigroup.com

CPL/116

**IEC 62769-6-100**

Field Device Integration (FDI). Technology Mapping. Net

Contact: Jasnam Channe  
Email: jasnam.channe@bsigroup.com

GEL/65/5

**IEC 62841-2-19**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held jointers

Contact: Jasnam Channe  
Email: jasnam.channe@bsigroup.com

CPL/116

**IEC 62841-2-20**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held band saws

Contact: Jasnam Channe  
Email: jasnam.channe@bsigroup.com

CPL/116

**IEC 62841-2-22**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held cut-off machines

Contact: Jasnam Channe  
Email: jasnam.channe@bsigroup.com

CPL/116

**IEC 62841-2-23**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held die grinders and small rotary tools

Contact: Jasnam Channe  
Email: jasnam.channe@bsigroup.com

CPL/116

**IEC 62841-2-16**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held fastener driving tools

Contact: Jasnam Channe  
Email: jasnam.channe@bsigroup.com

CPL/116

**IEC 62607-3-1**

Nanomanufacturing. Key control characteristics. Luminescent nanomaterials. Quantum efficiency

Contact: Alex Price  
Email: alex.price@bsigroup.com

NTI/1

**IEC 62841-3-11**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for transportable mitre-bench saws

Contact: Jasnam Channe  
Email: jasnam.channe@bsigroup.com

CPL/116

**IEC 60335-2-114**

Household and similar electrical appliances. Safety. Particular requirements for self-balancing personal transport devices for use with batteries containing alkaline or other non-acid electrolytes

Contact: Geraldine Salt  
Email: geraldine.salt@bsigroup.com

CPL/61

**IEC 62841-2-12**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held concrete vibrators

Contact: Jasnam Channe  
Email: jasnam.channe@bsigroup.com

CPL/116

**IEC 62841-3-3**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for transportable planers and thicknessers

Contact: Jasnam Channe  
Email: jasnam.channe@bsigroup.com

CPL/116

**IEC 62911**

Audio; video and information technology equipment. Routine electrical safety testing in production

Contact: Jasnam Channe  
Email: jasnam.channe@bsigroup.com

EPL/108

**IEC 60456:2016/A1**

Clothes washing machines for household use. Methods for measuring the performance

Contact: Nicola Young  
Email: nicola.young@bsigroup.com

CPL/59/1

**IEC 62841-2-7**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held spray guns

Contact: Jasnam Channe  
Email: jasnam.channe@bsigroup.com

CPL/116

**IEC 60601-2-45:2011/A2**

Medical electrical equipment. Particular requirements for the basic safety and essential performance of mammographic X-ray equipment and mammographic stereotactic devices

Contact: Jacinta Hampton  
Email: jacinta.hampton@bsigroup.com

CH/62/2

**IEC 62680-1-2**

Universal serial bus interfaces for data and power. Common components. USB Power Delivery specification

Contact: Julie Horton  
Email: julie.horton@bsigroup.com

EPL/100

**ISO 12199**

Alphabetical ordering of multilingual terminological and lexicographical data represented in the Latin alphabet

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

TS/1

**ISO 14644-9**

Cleanrooms and associated controlled environments. Assessment of surface cleanliness for particle concentration

Contact: Beata Mroz-Orlikowska  
Email: Beata.Mroz-Orlikowska@bsigroup.com

LBI/30

**ISO 14899**

Plastics. Polyols for use in the production of polyurethane. Determination of basicity

Contact: Ellena Cullum  
Email: ellena.cullum@bsigroup.com

PRI/42

**ISO 2113**

Reinforcement fibres. Woven fabrics. Basis for a specification

Contact: Ellena Cullum  
Email: ellena.cullum@bsigroup.com

PRI/42

**ISO 4954**

Steels for cold heading and cold extruding

Contact: Julie Weller  
Email: julie.weller@bsigroup.com

ISE/105

**EN 60335-2-52:2003/A2**

Household and similar electrical appliances. Safety. Particular requirements for appliances for oral hygiene appliances

Contact: Geraldine Salt  
Email: geraldine.salt@bsigroup.com

CPL/61

**IEC 60216-1**

Electrical insulating materials. Thermal endurance properties. Ageing procedures and evaluation of test results

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

GEL/112

**IEC 60216-4-1**

Electrical insulating materials. Thermal endurance properties. Ageing ovens. Single-chamber ovens

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

GEL/112





## New document will help UK construction and property sectors with net zero approaches

To meet our net zero greenhouse gas emissions targets by 2050, the UK urgently needs to improve the energy efficiency of its building stock. To help you gain all those benefits and more we've produced **PAS 2038:2021 Retrofitting non-domestic buildings for improved energy efficiency – Specification**. This covers non-domestic buildings except private dwellings, and gives comprehensive requirements.



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**IEC 60216-4-2**

Electrical insulating materials. Thermal endurance properties. Ageing ovens. Precision ovens for use up to 300 °C  
 Contact: Committee Service Centre  
 Email: csc@bsigroup.com  
 GEL/112

**IEC 60216-4-3**

Electrical insulating materials. Thermal endurance properties. Ageing ovens. Multi-chamber ovens  
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**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 ISO/TM 52900:2021**

Additive manufacturing. General principles. Fundamentals and vocabulary  
 AMT/8  
 (ISO/ASTM 52900:2021)

**EN ISO 527-5:2021**

Plastics. Determination of tensile properties. Test conditions for unidirectional fibre-reinforced plastic composites  
 PRI/42  
 (ISO 527-5:2021)

**EN ISO 748:2021**

Hydrometry. Measurement of liquid flow in open channels. Velocity area methods using point velocity measurements  
 CPI/113/1  
 (ISO 748:2021)

**EN 1529:2021**

Door leaves. Height, width, thickness and squareness. Tolerance classes  
 B/538/1

**EN 1949:2021**

Specification for the installation of LPG systems for habitation purposes in leisure accommodation vehicles and accommodation purposes in other vehicles  
 GSE/24

**EN 1004-2:2021**

Mobile access and working towers made of prefabricated elements. Rules and guidelines for the preparation of an instruction manual  
 B/514/24

**EN ISO 2076:2021**

Textiles. Man-made fibres. Generic names  
 TCI/100  
 (ISO 2076:2021)

**EN ISO 4254-6:2020/A11:2021**

Agricultural machinery. Safety. Sprayers and liquid fertilizer distributors  
 AGE/15

**EN ISO 4787:2021**

Laboratory glass and plastic ware. Volumetric instruments. Methods for testing of capacity and for use  
 LBI/11/2  
 (ISO 4787:2021)

**EN ISO 5832-3:2021**

Implants for surgery. Metallic materials. Wrought titanium 6-aluminium 4-vanadium alloy  
 CH/150/1  
 (ISO 5832-3:2021)

**EN ISO 6330:2021**

Textiles. Domestic washing and drying procedures for textile testing  
 TCI/82  
 (ISO 6330:2021)

**EN ISO 6368:2021**

Petroleum, petrochemical and natural gas industries. Dry gas sealing systems for axial, centrifugal, and rotary screw compressors and expanders  
 PSE/171/6  
 (ISO 6368:2021)

**EN ISO 6801:2021**

Rubber and plastics hoses. Determination of volumetric expansion  
 PRI/66  
 (ISO 6801:2021)

**EN ISO 7711-1:2021**

Dentistry. Diamond rotary instruments. General requirements  
 CH/106/4  
 (ISO 7711-1:2021)

**EN ISO 9241-20:2021**

Ergonomics of human-system interaction. An ergonomic approach to accessibility within the ISO 9241 series  
 IST/15  
 (ISO 9241-20:2021)

**EN ISO 9680:2021**

Dentistry. Operating lights  
 CH/106/4  
 (ISO 9680:2021)

**EN ISO 10286:2021**

Gas cylinders. Vocabulary  
 PVE/3  
 (ISO 10286:2021)

**EN ISO 11439:2013/A1:2021**

Gas cylinders. High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles  
 PVE/3/3  
 (ISO 11439:2013/Amd 1:2021)

**EN ISO 11680-1:2021**

Machinery for forestry. Safety requirements and testing for pole-mounted powered pruners. Machines fitted with an integral combustion engine  
 AGE/29  
 (ISO 11680-1:2021)

**EN ISO 11680-2:2021**

Machinery for forestry. Safety requirements and testing for pole-mounted powered pruners. Machines for use with backpack power source  
 AGE/29  
 (ISO 11680-2:2021)

**EN 12158-1:2021**

Builders' hoists for goods. Hoists with accessible platforms  
 MHE/6

**EN 12320:2021**

Building hardware. Padlocks and padlock fittings. Requirements and test methods  
 B/538/4

**EN ISO 12571:2021**

Hygrothermal performance of building materials and products. Determination of hygroscopic sorption properties  
 B/540/8  
 (ISO 12571:2021)

**EN 13089:2011+A2:2021**

Mountaineering equipment. Ice-tools. Safety requirements and test methods  
 SW/136/5

**EN 13757-1:2021**

Communication systems for meters. Data exchange  
 PEL/894

**EN 13760:2021**

LPG equipment and accessories. Automotive LPG filling system for light and heavy duty vehicles. Nozzle, test requirements and dimensions  
 PVE/19

**EN 13870:2015+A1:2021**

Food processing machinery. Portion cutting machines. Safety and hygiene requirements  
 MCE/3/5

**EN 14322:2021**

Wood-based panels. Melamine faced boards for interior uses. Definition, requirements and classification  
 B/541

**EN 14323:2021**

Wood-based panels. Melamine faced boards for interior uses. Test methods  
 B/541



## BS 7666-0:2021 Spatial datasets for geographical referencing. Specification - General model for gazetteers and spatial referencing

Do you maintain street, land and property records in local government? We've changed the standard that defines gazetteer components. **BS 7666-0:2021** is the latest version of the British Standard that defines the essential components of a gazetteer of geographic locations and provides a general model of spatial references based on named spatial units in the UK.



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**EN 14459:2021**

Safety and control devices for burners and appliances burning gaseous or liquid fuels. Control functions in electronic systems. Methods for classification and assessment

GSE/22

**EN 14735:2021**

Characterization of waste. Preparation of waste samples for ecotoxicity tests

EH/4

**EN 15491:2021**

Ethanol as a blending component for petrol. Determination of total acidity. Colour indicator titration method

PTI/13

**EN 15528:2021**

Railway applications. Line categories for managing the interface between load limits of vehicles and infrastructure

RAE/1/-/8

**EN 15553:2021**

Petroleum products and related materials. Determination of hydrocarbon types. Fluorescent indicator adsorption method

PTI/13

**EN ISO 15614-13:2021**

Specification and qualification of welding procedures for metallic materials. Welding procedure test. Upset (resistance butt) and flash welding

WEE/36

(ISO 15614-13:2021)

**EN 15784:2021**

Animal feeding stuffs: Methods of sampling and analysis. Detection and enumeration of Bacillus spp. used as feed additive

AW/10

**EN 15786:2021**

Animal feeding stuffs: Methods of sampling and analysis. Detection and enumeration of Pedicoccus spp. used as feed additive

AW/10

**EN 15787:2021**

Animal feeding stuffs: Methods of sampling and analysis. Detection and enumeration of Lactobacillus spp. used as feed additive

AW/10

**EN 15788:2021**

Animal feeding stuffs: Methods of sampling and analysis. Detection and enumeration of Enterococcus (E. faecium) spp. used as feed additive

AW/10

**EN 15789:2021**

Animal feeding stuffs: Methods of sampling and analysis. Detection and enumeration of Saccharomyces cerevisiae used as feed additive

AW/10

**EN ISO 16190:2021**

Footwear. Critical substances potentially present in footwear and footwear components. Test method to quantitatively determine polycyclic aromatic hydrocarbons(PAHs) in footwear materials

TCI/69

(ISO 16190:2021)

**EN ISO 16266-2:2021**

Water quality. Detection and enumeration of Pseudomonas aeruginosa. Most probable number method

EH/3/4

(ISO 16266-2:2018)

**EN 16867:2020+A1:2021**

Building hardware. Mechatronic door furniture. Requirements and test methods

B/538/4

**EN 17435:2021**

Surfaces for sports areas. Test method for the determination of Head Injury Criterion (HIC) and Critical Fall Height (CFH)

PRI/57

**EN 17479:2021**

Hearing protectors. Individual fit testing methods

PH/7

**EN 17520:2021**

Mountaineering equipment. Personal belay lanyards. Safety requirements and test methods

SW/136/5

**EN 17545:2021**

Paper and board. Determination of composition of paper and board for recycling by gravimetric analysis

PAI/11

**EN ISO 19085-2:2021**

Woodworking machines. Safety. Horizontal beam panel circular sawing machines

MTE/23

(ISO 19085-2:2021)

**EN ISO 19085-14:2021**

Woodworking machines. Safety. Four-sided moulding machines

MTE/23

(ISO 19085-14:2021)

**EN ISO 19901-5:2021**

Petroleum and natural gas industries. Specific requirements for offshore structures. Weight management

B/525/12

(ISO 19901-5:2021)

**EN ISO 20236:2021**

Water quality. Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total bound nitrogen (TNb) and dissolved bound nitrogen (DNb) after high temperature catalytic oxidative combustion

EH/3/2

(ISO 20236:2018)

**EN ISO 20344:2021**

Personal protective equipment. Test methods for footwear

PH/1

(ISO 20344:2021)

**EN ISO 20836:2021**

Microbiology of the food chain. Polymerase chain reaction (PCR) for the detection of microorganisms. Thermal performance testing of thermal cyclers

AW/9

(ISO 20836:2021)

**EN ISO 20932-1:2020/A1:2021**

Textiles. Determination of the elasticity of fabrics. Strip tests

TCI/24

(ISO 20932-1:2018/Amd 1:2021)

**EN ISO 21061:2021**

Footwear. Chemical tests. General principles on the preparation of samples

TCI/69

**EN ISO 22580:2021**

Flares for combustion of biogas

PTI/15

(ISO 22580:2020)

**EN ISO 23590:2021**

EN ISO 23590 Household Biogas System Requirements: Design, Installation, Operation, Maintenance and Safety

PTI/15

**EN ISO 23999:2021**

Resilient floor coverings. Determination of dimensional stability and curling after exposure to heat

PRI/60

(ISO 23999:2021)

**CEN REPORTS**

**CEN/TR 17602-30-01:2021**

Space product assurance. Worst case analysis

ACE/68

**CEN/TR 17602-30-03:2021**

Space product assurance. Human dependability handbook

ACE/68

**CEN/TR 17602-30-08:2021**

Space product assurance. Components reliability data sources and their use

ACE/68

**CEN/TR 17602-60-02:2021**

Space product assurance. Techniques for radiation effects mitigation in ASICs and FPGAs handbook

ACE/68

## CEN TECHNICAL SPECIFICATIONS

### CEN/TS 13598-3:2021

Plastics piping systems for non-pressure underground drainage and sewerage. Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE). Assessment of conformity

PRI/88

### CEN/TS 14237:2021

Textiles for healthcare and social services facilities

TCI/66

### CEN/TS 17500:2021

Quality of care and support for older persons

CH/440

### CEN/TS 17661:2021

Personal identification. European enrolment guide for biometric ID documents (EEG)

IST/44

### CEN/TS 17693-1:2021

Earthworks. Soil treatment tests. pH-test for determination of the lime requirement of soils for stabilization (Lime Fixation Point LFP, Lime Modification Optimum LMO)

B/526/-1

### CEN/TS 17693-2:2021

Earthworks. Soil treatment tests. Test of evaluation of the aptitude of a dry material to emit dust

B/526/-1

### CEN ISO/TS 16775:2021

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

CH/198

(ISO/TS 16775:2021)

### CEN ISO/TS 52930:2021

Additive Manufacturing. Qualification principles. Installation, operation and performance (IQ/OQ/PQ) of PBF-LB equipment

AMT/8

(ISO/ASTM/TS 52930:2021)

## 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/IEEE 62209-1528:2021

Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-worn wireless communication devices. Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)

GEL/106

(IEC/IEEE 62209-1528:2020)

### EN IEC 60238:2018/A11:2021

Edison screw lampholders

CPL/34/2

### EN IEC 60335-2-84:2021

Household and similar electrical appliances. Safety. Particular requirements for toilets

CPL/61/7

(IEC 60335-2-84:2019)

### EN IEC 60335-2-84:2021/A11:2021

Household and similar electrical appliances. Safety. Particular requirements for toilet appliances

CPL/61/7

### EN IEC 60335-2-90:2021/A1:2021

Household and similar electrical appliances. Safety. Particular requirements for commercial microwave ovens

CPL/61/7

(IEC 60335-2-90:2015/A1:2019)

### EN IEC 60335-2-96:2021

Household and similar electrical appliances. Safety. Particular requirements for flexible sheet heating elements for room heating

CPL/61/7

(IEC 60335-2-96:2019)

### EN IEC 60335-2-96:2021/A11:2021

Household and similar electrical appliances. Safety. Particular requirements for flexible sheet heating elements for room heating

CPL/61/7

### EN IEC 60695-2-10:2021

Fire hazard testing. Glowing/hot-wire based test methods. Glow-wire apparatus and common test procedure

GEL/89

### EN IEC 60695-2-11:2021

Fire hazard testing. Glowing/hot-wire based test methods. Glow-wire flammability test method for end products (GWEPT)

GEL/89

### EN IEC 60695-2-12:2021

Fire hazard testing. Glowing/hot-wire based test methods. Glow-wire flammability index (GWFI) test method for materials

GEL/89

(IEC 60695-2-12:2021)

### EN IEC 60695-5-1:2021

Fire hazard testing. Corrosion damage effects of fire effluent. General guidance

GEL/89

### EN IEC 60695-7-2:2021

Fire hazard testing. Toxicity of fire effluent. Summary and relevance of test methods

GEL/89

### EN IEC 60730-2-8:2020/A1:2021

Automatic electrical controls. Particular requirements for electrically operated water valves, including mechanical requirements

CPL/72

(IEC 60730-2-8:2018/AMD1:2021)

### EN IEC 60891:2021

Photovoltaic devices. Procedures for temperature and irradiance corrections to measured I-V characteristics

GEL/82

### EN IEC 60947-3:2021/COR1:2021

Low-voltage switchgear and controlgear. Switches, disconnectors, switch-disconnectors and fuse-combination units

PEL/121/1

(IEC 60947-3:2020/COR1:2021)

### EN IEC 60974-8:2021

Arc welding equipment. Gas consoles for welding and plasma cutting systems

### EN IEC 61347-2-14:2018/A11:2021

Lamp controlgear. Particular requirements for DC and/or AC supplied electronic controlgear for fluorescent induction lamps

CPL/34/3

### EN IEC 61375-2-8:2021

Electronic railway equipment. Train communication network (TCN). TCN conformance test

GEL/9/-4

### EN IEC 61788-22-2:2021

Superconductivity. Normal state resistance and critical current measurement. High- $T_c$  Josephson junction

LI/-90

### EN IEC 61850-7-420:2021

Communication networks and systems for power utility automation. Basic communication structure. Distributed energy resources and distribution automation logical nodes

PEL/57

(IEC 61850-7-420:2021)

### EN IEC 61914:2021

Cable cleats for electrical installations

PEL/213

(IEC 61914:2021)

### EN IEC 61970-452:2021

Energy management system application program interface (EMS-API). CIM static transmission network model profiles

PEL/57

### EN IEC 61010-2-040:2021

Safety requirements for electrical equipment for measurement, control, and laboratory use. Particular requirements for sterilizers and washer-disinfectors used to treat medical materials

EPL/66

**EN IEC 61010-2-011:2021**

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

EPL/66

(IEC 61010-2-011:2019)

**EN IEC 61010-2-011:2021/A11:2021**

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

EPL/66

**EN IEC 62031:2020/A11:2021**

LED modules for general lighting. Safety specifications

CPL/34/1

**EN IEC 62044-3:2000/COR1:2021**

Cores made of soft magnetic materials. Measuring methods. Magnetic properties at high excitation level

EPL/51

(IEC 62044-3:2000/COR1:2021)

**EN IEC 62271-101:2021/COR1:2021**

High-voltage switchgear and controlgear. Synthetic testing

PEL/17

(IEC 62271-101:2021/COR1:2021)

**EN IEC 62868-2-3:2021**

Organic light emitting diode (OLED) light sources for general lighting. Safety. Particular requirements. Flexible OLED tiles and panels

CPL/34/1

**EN IEC 63159-1:2021**

Household electric instantaneous water heaters. Methods for measuring the performance. General aspects

CPL/59

WEE/6

**EN IEC 63159-2-1:2021**

Household electric instantaneous water heaters. Methods for measuring the performance. Multifunctional electric instantaneous water heaters

CPL/59

**EN IEC 63159-2-2:2021**

Household electric instantaneous water heaters. Methods for measuring the performance. Efficiency of single point of use electric instantaneous water heaters

CPL/59

**EN IEC 63013:2019/A1:2021**

LED packages. Long-term luminous and radiant flux maintenance projection

CPL/34/1

(IEC 63013:2017/AMD1:2021)

**EN 50411-2-4:2021**

Fibre management systems and protective housings to be used in optical fibre communication systems. Product specifications. Sealed dome fibre splice closures for category S & A

GEL/86/2

**EN 50667:2016/A1:2021**

Information technology. Automated infrastructure management (AIM) systems. Requirements, data exchange and applications

TCT/7

**EN 50090-6-2:2021**

Home and Building Electronic Systems (HBES). IoT Semantic Ontology model description

IST/6/-12

**EN 60335-2-27:2013/COR1:2021**

Household and similar electrical appliances. Safety. Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation

CPL/61/1

**EN 61010-031:2015/A11:2021**

Safety requirements for electrical equipment for measurement, control and laboratory use. Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement

EPL/66

**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 60335-2-28:2021**

Household and similar electrical appliances. Safety. Particular requirements for sewing machines

£98.64 members, £109.60 non-members

CPL/61/1

**IEC 60335-2-37:2021**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric doughnut fryers and deep fat fryers

£192.24 members, £213.60 non-members

CPL/61

**IEC 60335-2-107:2017/A2:2021**

Household and similar electrical appliances. Safety. Particular requirements for robotic battery powered electrical lawnmowers

£14.40 members, £16.00 non-members

CPL/116

**IEC 60749-39:2021**

Semiconductor devices. Mechanical and climatic test methods. Measurement of moisture diffusivity and water solubility in organic materials used for semiconductor components

£50.40 members, £56.00 non-members

EPL/47

**IEC 60794-1-219:2021**

Optical fibre cables. Generic specification. Basic optical cable test procedures. Material compatibility test, method F19

£50.40 members, £56.00 non-members

GEL/86/1

**IEC 60800:2021**

Heating cables with a rated voltage up to and including 300/500 V for comfort heating and prevention of ice formation

£147.60 members, £164.00 non-members

GEL/20/17

**IEC/TS 60947-7-5:2021**

Low-voltage switchgear and controlgear. Ancillary equipment. Terminal blocks for aluminium conductors

£147.60 members, £164.00 non-members

PEL/121/1

**IEC 61000-2-10:2021**

Electromagnetic compatibility (EMC). Environment. Description of HEMP environment. Conducted disturbance

£176.40 members, £196.00 non-members

GEL/210

**IEC 61223-3-7:2021**

Evaluation and routine testing in medical imaging departments. Acceptance and constancy tests. Imaging performance of X-ray equipment for dental cone beam computed tomography

£176.40 members, £196.00 non-members

CH/62/2

**IEC 61400-13:2015/A1:2021**

Wind turbines. Measurement of mechanical loads

£28.80 members, £32.00 non-members

PEL/88

**IEC 61935-2-21:2021**

Specification for the testing of balanced and coaxial information technology cabling. Category 6 cords as specified in ISO/IEC 11801-1. Blank detail specification

£28.80 members, £32.00 non-members

EPL/46

**IEC 61935-2-22:2021**

Specification for the testing of balanced and coaxial information technology cabling. Category 6<sub>A</sub> cords as specified in ISO/IEC 11801-1. Blank detail specification

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EPL/46

**IEC 62037-1:2021**

Passive RF and microwave devices, intermodulation level measurement. General requirements and measuring methods

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**IEC 62037-2:2021**

Passive RF and microwave devices, intermodulation level measurement. Measurement of passive intermodulation in coaxial cable assemblies

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EPL/46

**IEC 62037-3:2021**

Passive RF and microwave devices, intermodulation level measurement. Measurement of passive intermodulation in coaxial connectors

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EPL/46

**IEC 62037-6:2021**

Passive RF and microwave devices, intermodulation level measurement. Measurement of passive intermodulation in antennas

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EPL/46

**IEC 62841-2-1:2017/A1:2021**

Electric motor-operated hand-held tools; transportable tools and lawn and garden machinery. Safety

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CPL/116

**IEC 63174:2021**

Electrically operated toothbrushes. Methods for measuring the performance

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CPL/59

**IEC 63175:2021**

Fixed energy high intensity proton cyclotron within the energy range of 10 MeV to less than 30 MeV

£104.40 members, £116.00 non-members

NCE/2

**IEC 63182-4:2021**

Magnetic powder cores. Guidelines on dimensions and the limits of surface irregularities. Block-cores

£28.80 members, £32.00 non-members

EPL/51

**IEC 63182-5:2021**

Magnetic powder cores. Guidelines on dimensions and the limits of surface irregularities. Cylinder-cores

£28.80 members, £32.00 non-members

EPL/51

**IEC/TS 63217:2021**

Utility-interconnected photovoltaic inverters. Test procedure for over voltage ride-through measurements

£104.40 members, £116.00 non-members

GEL/82

**IEC/TS 63334:2021**

Fibre optic interconnecting devices and passive components. Conditions for testing the protection against dust and water ingress of passive optical protective housings and hardened fibre optic connectors (IP5X, IPX4, IPX5, IPX6)

£104.40 members, £116.00 non-members

GEL/86/2

**IEC/TR 63367:2021**

Fibre optic interconnecting devices and passive components. Summarising results of round robin on connector end face scratch recognition and verification by automated microscopes

£147.60 members, £164.00 non-members

GEL/86/2

**IEC/TR 63400:2021**

Nuclear facilities. Instrumentation, control and electrical power systems important to safety. Structure of the IEC SC 45A standards series

£223.20 members, £248.00 non-members

NCE/8

**ISO PUBLICATIONS**

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The following ISO publications are available from BSI Customer Services (see 'How to order' on page 2).

**ISO 527-5:2021**

Plastics. Determination of tensile properties. Test conditions for unidirectional fibre-reinforced plastic composites

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Brown coals and lignites. Determination of yield of benzene-soluble extract. Semi-automatic method

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Kitchen equipment. Coordinating sizes

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**ISO 4259-4:2021**

Petroleum and related products. Precision of measurement methods and results. Use of statistical control charts to validate 'in-statistical-control' status for the execution of a standard test method in a single laboratory

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Plain bearings. Copper alloys. Cast copper alloys for solid and multilayer thick-walled plain bearings

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Brown coals and lignites. Determination of true relative density and apparent relative density

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Rotorcrafts. Flight dynamics. Vocabulary

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**ISO/TR 5602:2021**

Sources of error in the use of electrochemical impedance spectroscopy for the investigation of coatings and other materials

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**ISO 5743:2021**

Pliers and nippers. General technical requirements

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We've just published an invaluable resource for risk professionals in the form of: **BS 31100:2021 Risk management – Code of practice and guidance for the implementation of BS ISO 31000:2018**. This standard gives recommendations for implementing the principles and guidelines in BS ISO 31000:2018.



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