

# UPDATE STANDARDS

## Cop26 - How standards accelerate the transition to net zero

When our world leaders gathered in Glasgow at COP26, Antonio Guterres, UN Secretary General recognized the importance of standards in his opening address underpinning the role of standards in measuring and analysing the net zero commitments from non-state actors. BSI is committed to support the UN and the group of experts to work together for our planet.

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# Welcome to Update Standards

In these pages you'll find details of new, revised, draft and withdrawn standards and publications from the last month.



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## Two medical electrical equipment safety standards are now more usable

We've now published two amended standards; **BS EN 60601-1:2006+A2:2021 Medical electrical equipment - Part 1: General requirements for basic safety and essential performance**, and **BS EN 60601-1-2:2015+A1:2021 Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Electromagnetic disturbances – Requirements and tests**. Both specify requirements that ensure the basic safety and essential performance of medical electrical equipment and systems.



Learn more:

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## British Standards – Quick Reference Guide

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no current standard is superseded  
ISBN 978 0 539 05262 6  
£200.00 members, £400.00 non-members  
IST/5

**BS ISO/IEC 23360-6-3:2021**

Linux Standard Base (LSB). Desktop specification for PowerPC 64 architecture  
no current standard is superseded  
ISBN 978 0 539 05263 3  
£246.00 members, £492.00 non-members  
IST/5

**BS ISO/IEC 23360-7-2:2021**

Linux Standard Base (LSB). Core specification for S390 architecture

no current standard is superseded

ISBN 978 0 539 05264 0

£200.00 members, £400.00 non-members

IST/5

**BS ISO/IEC 23360-7-3:2021**

Linux Standard Base (LSB). Desktop specification for S390 architecture

no current standard is superseded

ISBN 978 0 539 05265 7

£246.00 members, £492.00 non-members

IST/5

**BS ISO/IEC 23360-8-2:2021**

Linux Standard Base (LSB). Core specification for S390X architecture

no current standard is superseded

ISBN 978 0 539 05266 4

£200.00 members, £400.00 non-members

IST/5

**BS ISO/IEC 23360-8-3:2021**

Linux Standard Base (LSB). Desktop specification for S390X architecture

no current standard is superseded

ISBN 978 0 539 05267 1

£246.00 members, £492.00 non-members

IST/5

**BS ISO 23446:2021**

Marine technology. Product water quality of seawater reverse osmosis (RO) desalination. Guidelines for municipal water supply

no current standard is superseded

ISBN 978 0 539 01338 2

£67.00 members, £134.00 non-members

SME/32

**BS ISO/IEC 23510:2021**

Information technology. 3D printing and scanning. Framework for an Additive Manufacturing Service Platform (AMSP)

no current standard is superseded

ISBN 978 0 539 02260 5

£93.00 members, £186.00 non-members

ICT/1

**BS ISO 23629-7:2021**

UAS traffic management (UTM). Data model for spatial data

no current standard is superseded

ISBN 978 0 539 03628 2

£109.00 members, £218.00 non-members

ACE/20/4

**BS ISO 23664:2021**

Traceability of rare earths in the supply chain from mine to separated products

no current standard is superseded

ISBN 978 0 539 03786 9

£93.00 members, £186.00 non-members

REI/1

**BS ISO 23722:2021**

Meat and meat products. Vocabulary

no current standard is superseded

ISBN 978 0 539 04079 1

£56.00 members, £112.00 non-members

W/-

**BS ISO 23769:2021**

Furniture. Mattresses. Test methods for the determination of functional characteristics

no current standard is superseded

ISBN 978 0 539 03531 5

£93.00 members, £186.00 non-members

FW/0/2

**BS ISO 24165-1:2021**

Digital token identifier (DTI). Registration, assignment and structure. Method for registration and assignment

no current standard is superseded

ISBN 978 0 539 12918 2

£67.00 members, £134.00 non-members

IST/12

**BS ISO 24165-2:2021**

Digital token identifier (DTI). Registration, assignment and structure. Data elements for registration

no current standard is superseded

ISBN 978 0 539 12919 9

£93.00 members, £186.00 non-members

IST/12

**BS ISO 24366:2021**

Financial services. Natural person identifier (NPI)

no current standard is superseded

ISBN 978 0 539 06589 3

£67.00 members, £134.00 non-members

IST/12

**BS ISO 24449:2021**

Metallic and other inorganic coatings. Determination of thermal conductivity of thermal barrier coatings at elevated temperature

no current standard is superseded

ISBN 978 0 539 06832 0

£67.00 members, £134.00 non-members

STI/40

**BS ISO 24459:2021**

Determination of uranium content in samples coming from the nuclear fuel cycle by L-absorption edge spectrometry

no current standard is superseded

ISBN 978 0 539 11938 1

£67.00 members, £134.00 non-members

NCE/9

**BS ISO 24669:2021**

Water-absorbent polyacrylate in urine absorbing products. Requirements. Requirements

no current standard is superseded

ISBN 978 0 539 13215 1

£56.00 members, £112.00 non-members

CH/173

**BS ISO 24673:2021**

Concentrated date juice. Specifications and test methods

no current standard is superseded

ISBN 978 0 539 13216 8

£56.00 members, £112.00 non-members

W/-

**BS ISO 25518:2021**

Single-use rubber gloves for general applications. Specification

supersedes BS ISO 25518:2009

ISBN 978 0 539 12767 6

£56.00 members, £112.00 non-members

CH/205/3

**BS ISO 25539-4:2021**

Cardiovascular implants. Endovascular devices. Application of ISO 17327-1 for coated endovascular devices

no current standard is superseded

ISBN 978 0 539 05879 6

£67.00 members, £134.00 non-members

CH/150/2

**BS ISO 25551:2021**

Ageing societies. General requirements and guidelines for carer-inclusive organizations

no current standard is superseded

ISBN 978 0 539 12445 3

£93.00 members, £186.00 non-members

CH/315

**BS ISO/IEC 27036-1:2021**

Cybersecurity. Supplier relationships. Overview and concepts

supersedes BS ISO/IEC 27036-1:2014

ISBN 978 0 539 17702 2

£67.00 members, £134.00 non-members

IST/733

**BS ISO 27127:2021**

Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of liquid petroleum gas and liquefied natural gas. Specification

supersedes BS ISO 27127:2014

ISBN 978 0 539 12774 4

£93.00 members, £186.00 non-members

PRI/66

**BS ISO/IEC 27555:2021**

Information security, cybersecurity and privacy protection. Guidelines on personally identifiable information deletion

no current standard is superseded

ISBN 978 0 539 03439 4

£109.00 members, £218.00 non-members

IST/733/5

**BS ISO 27919-2:2021**

Carbon dioxide capture. Evaluation procedure to assure and maintain stable performance of post-combustion CO<sub>2</sub> capture plant integrated with a power plant

no current standard is superseded

ISBN 978 0 580 51526 2

£140.00 members, £280.00 non-members

PSE/265

**BS ISO 37106:2021**

Sustainable cities and communities. Guidance on establishing smart city operating models for sustainable communities  
 supersedes BS ISO 37106:2018  
 ISBN 978 0 539 17619 3  
 £130.00 members, £260.00 non-members  
 SDS/2

**BS ISO/IEC 30134-6:2021**

Information technology. Data centres key performance indicators. Energy Reuse Factor (ERF)  
 no current standard is superseded  
 ISBN 978 0 580 95226 5  
 £93.00 members, £186.00 non-members  
 TCT/7/3

**BS ISO/IEC 30118-10:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. Cloud API for cloud services specification  
 no current standard is superseded  
 ISBN 978 0 539 16193 9  
 £140.00 members, £280.00 non-members  
 ICT/1

**BS ISO 44004:2021**

Collaborative business relationship management. Guidelines for large organizations seeking collaboration with micro, small and medium-sized enterprises (MSMEs)  
 no current standard is superseded  
 ISBN 978 0 539 14117 7  
 £67.00 members, £134.00 non-members  
 SVS/1/4

**PUBLISHED DOCUMENTS**

**PD CEN/TR 17621:2021**

Accessibility and usability of the built environment. Technical performance criteria and specifications  
 no current standard is superseded  
 ISBN 978 0 539 16753 5  
 £193.00 members, £386.00 non-members  
 B/559

**PD CEN/TR 17622:2021**

Accessibility and usability of the built environment. Conformity assessment  
 no current standard is superseded  
 ISBN 978 0 539 16754 2  
 £93.00 members, £186.00 non-members  
 B/559

**PD CEN/TR 17695:2021**

Safety of toys. Mechanical and physical properties. Guidance on categorisation of projectile toys within EN 71- 1  
 no current standard is superseded  
 ISBN 978 0 539 06883 2  
 £67.00 members, £134.00 non-members  
 CW/15

**PD CEN/TR 17696:2021**

Railway applications. Vehicle Maintenance. Guide for identification and management of Safety Critical Components for railway vehicles  
 no current standard is superseded  
 ISBN 978 0 539 15065 0  
 £123.00 members, £246.00 non-members  
 RAE/1/-/16

**PD CEN/CLC/TR 17602-70-23:2021**

Space product assurance. Materials, mechanical parts and processes obsolescence management handbook  
 no current standard is superseded  
 ISBN 978 0 539 17539 4  
 £109.00 members, £218.00 non-members  
 ACE/68

**PD CEN/CLC/TR 17602-80-01:2021**

Space product assurance. Reuse of existing software  
 no current standard is superseded  
 ISBN 978 0 539 17790 9  
 £130.00 members, £260.00 non-members  
 ACE/68

**PD CEN/CLC/TR 17602-80-03:2021**

Space product assurance. Software dependability and safety  
 no current standard is superseded  
 ISBN 978 0 539 17791 6  
 £123.00 members, £246.00 non-members  
 ACE/68

**PD CEN/CLC/TR 17602-80-04:2021**

Space product assurance. Software metrication programme definition and implementation  
 no current standard is superseded  
 ISBN 978 0 539 17792 3  
 £149.00 members, £298.00 non-members  
 ACE/68

**PD CEN/CLC/TR 17602-80-11:2021**

Space product assurance. Software process assessment and improvement. Framework  
 no current standard is superseded  
 ISBN 978 0 539 17799 2  
 £160.00 members, £320.00 non-members  
 ACE/68

**PD CEN/CLC/TR 17602-80-12:2021**

Space product assurance. Software process assessment and improvement. Assessor instrument  
 no current standard is superseded  
 ISBN 978 0 539 17800 5  
 £168.00 members, £336.00 non-members  
 ACE/68

**PD CEN/CLC/TR 17603-10-02:2021**

Space engineering. Verification guidelines  
 no current standard is superseded  
 ISBN 978 0 539 16240 0  
 £140.00 members, £280.00 non-members  
 ACE/68

**PD CEN/CLC/TR 17603-10-12:2021**

Space engineering. Calculation of radiation and its effects and margin policy handbook  
 no current standard is superseded  
 ISBN 978 0 539 16241 7  
 £160.00 members, £320.00 non-members  
 ACE/68

**PD CEN/CLC/TR 17603-11:2021**

Space engineering. Technology readiness level (TRL) guidelines  
 no current standard is superseded  
 ISBN 978 0 539 16297 4  
 £130.00 members, £260.00 non-members  
 ACE/68

**PD CEN/CLC/TR 17603-20-01:2021**

Space engineering. Multipactor handbook  
 no current standard is superseded  
 ISBN 978 0 539 17789 3  
 £168.00 members, £336.00 non-members  
 ACE/68

**PD CEN/CLC/TR 17603-20-02:2021**

Space engineering. Li-ion battery testing handbook  
 no current standard is superseded  
 ISBN 978 0 539 16239 4  
 £109.00 members, £218.00 non-members  
 ACE/68

**PD CEN ISO/TR 16178:2021**

Footwear. Critical substances potentially present in footwear and footwear components. Lists of critical chemical substances  
 supersedes PD CEN ISO/TR 16178:2012  
 ISBN 978 0 539 05867 3  
 £130.00 members, £260.00 non-members  
 TCI/69

**PD CEN ISO/TS 22703:2021**

Health informatics. Requirements for medication safety alerts  
 no current standard is superseded  
 ISBN 978 0 539 00615 5  
 £123.00 members, £246.00 non-members  
 IST/35

**PD IEC/PAS 62840-3:2021**

Electric vehicle battery swap system. Particular safety and interoperability requirements for battery swap systems operating with removable RESS/battery systems  
 no current standard is superseded  
 ISBN 978 0 580 95472 6  
 £109.00 members, £218.00 non-members  
 PEL/69

**PD CLC/TR 50510:2021**

Fibre optic access to end-user. A guideline to building of FTTX fibre optic network  
 supersedes PD CLC/TR 50510:2012  
 ISBN 978 0 539 17602 5  
 £149.00 members, £298.00 non-members  
 GEL/86/1



**PD IEC/TR 62000:2021**

Guidelines for combining different single-mode fibre sub-categories

supersedes PD IEC/TR 62000:2011

ISBN 978 0 539 16063 5

£67.00 members, £134.00 non-members

GEL/86/1

**PD IEC/TR 62039:2021**

Selection guidelines for polymeric materials for outdoor use under HV stress

supersedes PD IEC/TR 62039:2007

ISBN 978 0 580 99212 4

£109.00 members, £218.00 non-members

GEL/112

**PD IEC/TR 62899-402-4:2021**

Printed electronics. Printability. Measurement of qualities. Classification and measurement methods for morphology

no current standard is superseded

ISBN 978 0 539 12966 3

£67.00 members, £134.00 non-members

AMT/9

**PD IEC/TR 62933-200:2021**

Electrical energy storage (EES) systems. Unit parameters and testing methods. Case study of electrical energy storage (EES) systems located in EV charging station with PV

no current standard is superseded

ISBN 978 0 539 15084 1

£130.00 members, £260.00 non-members

ESL/120

**PD IEC/TS 63042-202:2021**

UHV AC transmission systems. UHV AC Transmission line design

no current standard is superseded

ISBN 978 0 539 05445 3

£149.00 members, £298.00 non-members

GEL/8

**PD IEC/TS 63042-302:2021**

UHV AC transmission systems. Commissioning

no current standard is superseded

ISBN 978 0 539 05446 0

£130.00 members, £260.00 non-members

GEL/8

**PD IEC/TS 63117:2021**

General requirements for lighting systems. Safety

no current standard is superseded

ISBN 978 0 580 97905 7

£67.00 members, £134.00 non-members

CPL/34

**PD ISO/PAS 5101:2021**

Road vehicles. Field load specification for brake actuation and modulation systems

no current standard is superseded

ISBN 978 0 539 13703 3

£130.00 members, £260.00 non-members

AUE/15

**PD ISO/SAE PAS 22736:2021**

Taxonomy and definitions for terms related to driving automation systems for on-road motor vehicles

no current standard is superseded

ISBN 978 0 539 19104 2

£123.00 members, £246.00 non-members

AUE/15

**PD ISO/TR 4445:2021**

Intelligent transport systems. Mobility integration. Role model of ITS service application in smart cities

no current standard is superseded

ISBN 978 0 539 16489 3

£123.00 members, £246.00 non-members

EPL/278

**PD ISO/TS 17420-8:2021**

Respiratory protective devices. Performance requirements. Special application chemical, biological, radiological and nuclear (CBRN) filtering and radiological-nuclear (RN) filtering RPD

no current standard is superseded

ISBN 978 0 580 98453 2

£130.00 members, £260.00 non-members

PH/4

**PD ISO/TR 18228-2:2021**

Design using geosynthetics. Separation

no current standard is superseded

ISBN 978 0 580 85365 4

£67.00 members, £134.00 non-members

B/553

**PD ISO/TS 19807-2:2021**

Nanotechnologies. Magnetic nanomaterials. Specification of characteristics and measurement methods for nanostructured magnetic beads for nucleic acid extraction

no current standard is superseded

ISBN 978 0 539 02606 1

£93.00 members, £186.00 non-members

NTI/1

**PD ISO/IEC TS 20000-11:2021**

Information technology. Service management. Guidance on the relationship between ISO/IEC 20000-1 and service management frameworks: ITIL

supersedes PD ISO/IEC TR 20000-11:2015

ISBN 978 0 539 19389 3

£130.00 members, £260.00 non-members

IST/60/2

**PD ISO/TS 20791-2:2021**

Photography. Photographic reflection prints. Evaluation of colour variation in printing

no current standard is superseded

ISBN 978 0 539 06680 7

£67.00 members, £134.00 non-members

CPW/42

**PD ISO/TS 22107:2021**

Dispersibility of solid particles into a liquid no current standard is superseded

ISBN 978 0 539 06659 3

£93.00 members, £186.00 non-members

LBI/37

**PD ISO/TS 23105:2021**

Biotechnology. Biobanking. Requirements for the biobanking of plant biological material for research and development

no current standard is superseded

ISBN 978 0 580 52495 0

£93.00 members, £186.00 non-members

BTI/1

**PD ISO/TS 23151:2021**

Nanotechnologies. Particle size distribution for cellulose nanocrystals. Particle size distribution for cellulose nanocrystals

no current standard is superseded

ISBN 978 0 539 14472 7

£123.00 members, £246.00 non-members

NTI/1

**PD ISO/IEC TS 23360-1-6:2021**

Linux Standard Base (LSB). Graphic and Gtk3 specification

no current standard is superseded

ISBN 978 0 539 15598 3

£246.00 members, £492.00 non-members

IST/5

**PD ISO/TR 24463:2021**

Digital validation by effective use of simulation

no current standard is superseded

ISBN 978 0 539 16898 3

£109.00 members, £218.00 non-members

AMT/4

**PD ISO/TR 27877:2021**

Statistical analysis for evaluating the precision of binary measurement methods and their results

no current standard is superseded

ISBN 978 0 539 05538 2

£109.00 members, £218.00 non-members

SS/6

**PD ISO/TR 20078-4:2021**

Road vehicles. Extended vehicle (ExVe) web services. Control

supersedes PD ISO/TR 20078-4:2019

ISBN 978 0 539 12335 7

£93.00 members, £186.00 non-members

AUE/16

**PD ISO/IEC TS 30105-6:2021**

Information technology. IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes. Guidelines on risk management

no current standard is superseded

ISBN 978 0 539 19815 7

£93.00 members, £186.00 non-members

IST/60/3

## 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 115:2021

Road sweeping and gully waste (non-hazardous). Materials derived for future use in soils or soil amendments. Specification

no current standard is superseded

ISBN 978 0 539 13040 9

£93.00 members, £93.00 non-members

ZZ/5

### PAS 1884:2021

Safety operators in automated vehicle testing and trialling. Guide

no current standard is superseded

ISBN 978 0 539 15147 3

£0.00 members, £0.00 non-members

ZZ/4

## DESIGNATED STANDARDS

### BS EN ISO 7840:2021

Small craft. Fire-resistant fuel hoses

GME/33

### BS EN ISO 9093:2021

Small craft. Seacocks and through-hull fittings

GME/33

### BS EN 81-3:2020

Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts. Behaviour of lifts in the event of fire

MHE/4

### BS EN ISO 23411:2021

Small craft. Steering wheels

GME/33

### BS EN 81-72:2020

Safety rules for the construction and installation of lifts. Particular applications for passenger and goods passenger lifts. Firefighters lifts

MHE/4

### BS EN ISO 8469:2021

Small craft. Non-fire-resistant fuel hoses

GME/33

### BS EN ISO 16147:2021

Small craft. Inboard diesel engines. Engine-mounted fuel, oil and electrical components

GME/33

## 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 IEC 61869-11:2018

Instrument transformers. Additional requirements for low-power passive voltage transformers

£123.00 members, £246.00 non-members

PEL/38

Corrigendum, October 2021

### BS EN IEC 80601-2-26:2020

Medical electrical equipment. Particular requirements for the basic safety and essential performance of electroencephalographs

£109.00 members, £218.00 non-members

CH/62/4

Corrigendum, November 2021

### BS EN IEC 80601-2-77:2021

Medical Electrical Equipment. Particular requirements for the basic safety and essential performance of medical robots for surgery

£130.00 members, £260.00 non-members

CH/62/4

Corrigendum, October 2021

### BS EN ISO 6370-1:2021

Vitreous and porcelain enamels. Determination of the resistance to abrasion. Abrasion testing apparatus

£56.00 members, £112.00 non-members

STI/36

Corrigendum, November 2021; Corrigendum, November 2014

### BS EN ISO 6370-2:2021

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

£67.00 members, £134.00 non-members

STI/36

Corrigendum, November 2021

### BS EN 16002:2018

Flexible sheets for waterproofing. Determination of the resistance to wind load of mechanically fastened flexible sheets for roof waterproofing

£67.00 members, £134.00 non-members

B/546

Corrigendum, November 2021

### BS EN ISO 18496:2021

Brazing. Fluxes for brazing. Classification and technical delivery conditions

£67.00 members, £134.00 non-members

WEE/19

Corrigendum, November 2021

### BS EN ISO 21058:2021

Road vehicles. Dimethyl Ether (DME) refuelling connector

£93.00 members, £186.00 non-members

GSE/40

Corrigendum, November 2021

### BS EN 50546:2020

Railway applications. Rolling Stock. Three-phase shore (external) supply system for rail vehicles and its connectors

£130.00 members, £260.00 non-members

GEL/9/2

Corrigendum, November 2021

### BS EN ISO 56005:2021

Innovation management. Tools and methods for intellectual property management. Guidance

£123.00 members, £246.00 non-members

IMS/1

Corrigendum, November 2021

### BS ISO 18787:2017

Foodstuffs. Determination of water activity

£67.00 members, £134.00 non-members

AW/34

Corrigendum, November 2021

### BS 7533-101:2021

Pavements constructed with clay, concrete or natural stone paving units. Code of practice for the structural design of pavements using modular paving units

£140.00 members, £280.00 non-members

B/507

Corrigendum, November 2021

### PD CEN ISO/TS 23406:2021

Nuclear sector. Requirements for bodies providing audit and certification of quality management systems for organizations supplying products and services important to nuclear safety (ITNS)

£93.00 members, £186.00 non-members

NCE/2

Corrigendum, November 2021

### PD CLC IEC/TS 60034-30-2:2021

Rotating electrical machines. Efficiency classes of variable speed AC motors (IE-code)

£93.00 members, £186.00 non-members

PEL/2

Corrigendum, November 2021

### PD CLC IEC/TS 60034-32:2021

Rotating electrical machines. Measurement of stator end-winding vibration at form-wound windings

£130.00 members, £260.00 non-members

PEL/2

Corrigendum, November 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 285:2015+A1:2021

Sterilization. Steam sterilizers. Large sterilizers  
£168.00 members, £336.00 non-members

CH/198

*Amendment, November 2021*

### BS EN 590:2013+A1:2017

Automotive fuels. Diesel. Requirements and test methods

£93.00 members, £186.00 non-members

PTI/2

*Corrigendum, October 2021; Corrigendum, April 2021*

### BS EN 892:2012+A2:2021

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

£93.00 members, £186.00 non-members

SW/136/5

*Amendment, November 2021; Amendment, August 2016*

### BS EN IEC 60238:2018+A2:2021

Edison screw lampholders

£140.00 members, £280.00 non-members

CPL/34/2

*Amendment, October 2021; Amendment, October 2018*

### BS EN 12012-4:2019+A1:2021

Plastics and rubber machines. Size reduction machines. Safety requirements for agglomerators

£93.00 members, £186.00 non-members

MCE/3/2

*Amendment, November 2021*

### BS EN 14214:2012+A2:2019

Liquid petroleum products. Fatty acid methyl esters (FAME) for use in diesel engines and heating applications. Requirements and test methods

£93.00 members, £186.00 non-members

PTI/2

*Corrigendum, October 2021; Corrigendum, September 2020*

### BS EN 14978:2016+A1:2021

Laminate floor coverings. Elements with acrylic based surface layer, electron beam cured – Specifications, requirements and test methods

£67.00 members, £134.00 non-members

PRI/60

*Amendment, October 2021*

### BS EN 15468:2016+A1:2021

Laminate floor coverings. Elements with directly applied printing and resin surface layer.

Specifications, requirements and test methods

£93.00 members, £186.00 non-members

PRI/60

*Amendment, October 2021*

### BS EN 16704-1:2016+A1:2021

Railway applications. Track. Safety protection on the track during work. Railway risks and common principles for protection of fixed and mobile work sites

£140.00 members, £280.00 non-members

RAE/2

*Amendment, November 2021*

### BS EN 16704-3:2016+A1:2021

Railway applications. Track. Safety protection on the track during work. Competences for personnel related to work on or near tracks

£109.00 members, £218.00 non-members

RAE/2

*Amendment, November 2021*

### BS EN 17406:2020+A1:2021

Classification for bicycles usage

£67.00 members, £134.00 non-members

GME/25

*Amendment, October 2021*

### BS EN 50520:2020+A1:2021

Cover plates and cover tapes for the protection and location warning of buried cables or buried conduits in underground installations

£67.00 members, £134.00 non-members

PEL/213

*Amendment, October 2021*

### BS EN 60601-1:2006+A2:2021

Medical electrical equipment. General requirements for basic safety and essential performance

£235.00 members, £470.00 non-members

CH/62/1

*Amendment, November 2021; Corrigendum, June 2018*

### BS EN 61000-3-3:2013+A2:2021

Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current  $\geq 16$  A per phase and not subject to conditional connection

£123.00 members, £246.00 non-members

GEL/210/11

*Amendment, November 2021; Corrigendum, December 2019*

### BS EN 62262:2002+A1:2021

Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)

£67.00 members, £134.00 non-members

GEL/70

*Amendment, October 2021; Amendment, December 2002*

### BS 851188-1:2019+A1:2021

Flood resistance products. Building products. Specification

£93.00 members, £186.00 non-members

CB/501

*Amendment, November 2021*

### BS 851188-2:2019+A1:2021

Flood resistance products. Perimeter barrier systems. Specification

£93.00 members, £186.00 non-members

CB/501

*Amendment, November 2021*

## 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 658-3:2002

Advanced technical ceramics. Mechanical properties of ceramic composites at room temperature. Determination of flexural strength

RPI/13

### BS EN 1159-1:2003

Advanced technical ceramics. Ceramic composites. Thermophysical properties. Determination of thermal expansion

RPI/13

### BS EN ISO 1735:2004

Cheese and processed cheese products. Determination of fat content. Gravimetric method (Reference method)

AW/5

### BS EN 1852-1:2018

Plastics piping systems for non-pressure underground drainage and sewerage. Polypropylene (PP). Specifications for pipes, fittings and the system

PRI/88/1

### BS EN ISO 2417:2016

Leather. Physical and mechanical tests. Determination of the static absorption of water

TCI/69

### BS EN ISO 2589:2016

Leather. Physical and mechanical tests. Determination of thickness

TCI/69

**BS EN ISO 2740:2009**

Sintered metal materials, excluding hardmetals. Tensile test pieces

ISE/65

**BS EN ISO 3107:2011**

Dentistry. Zinc oxide/eugenol cements and zinc oxide/ non-eugenol cements

CH/106/1

**BS EN ISO 3377-2:2016**

Leather. Physical and mechanical tests. Determination of tear load. Double edge tear

TCI/69

**BS EN ISO 4404-2:2010**

Petroleum and related products. Determination of the corrosion resistance of fire-resistant hydraulic fluids. Non-aqueous fluids

MCE/18/-/16

**BS EN ISO 4590:2016**

Rigid cellular plastics. Determination of the volume percentage of open cells and of closed cells

PRI/72

**BS EN ISO 7027-1:2016**

Water quality. Determination of turbidity. Quantitative methods

EH/3/2

**BS EN ISO 7500-2:2006**

Metallic materials. Verification of static uniaxial testing machines. Tension creep testing machines. Verification of the applied force

ISE/101/1

**BS EN ISO 8968-4:2016**

Milk and milk products. Determination of nitrogen content. Determination of protein and non-protein nitrogen content and true protein content calculation (Reference method)

AW/5

**BS EN ISO 9142:2003**

Adhesives. Guide to the selection of standard laboratory ageing conditions for testing bonded joints

PRI/52

**BS EN ISO 9151:2016**

Protective clothing against heat and flame. Determination of heat transmission on exposure to flame

PH/3/2

**BS EN ISO 9241-161:2016**

Ergonomics of human-system interaction. Guidance on visual user-interface elements

PH/9

**BS EN ISO 9717:2017**

Metallic and other inorganic coatings. Phosphate conversion coating of metals

STI/33

**BS EN ISO 9015-2:2016**

Destructive tests on welds in metallic materials. Hardness testing. Microhardness testing of welded joints

WEE/2

**BS EN ISO 10801:2010**

Nanotechnologies. Generation of metal nanoparticles for inhalation toxicity testing using the evaporation/condensation method

NTI/1

**BS EN ISO 10808:2010**

Nanotechnologies. Characterization of nanoparticles in inhalation exposure chambers for inhalation toxicity testing

NTI/1

**BS EN 12882:2015**

Conveyor belts for general purpose use. Electrical and flammability safety requirements

PRI/67

**BS EN ISO 12952-1:2010**

Textiles. Assessment of the ignitability of bedding items. Ignition source. Smouldering cigarette

TCI/66/-/8

**BS EN ISO 12952-2:2010**

Textiles. Assessment of the ignitability of bedding items. Ignition source. Match-flame equivalent

TCI/66/-/8

**BS EN 13234:2006**

Advanced technical ceramics. Mechanical properties of ceramic composites at ambient temperature. Evaluation of the resistance to crack propagation by notch sensitivity testing

RPI/13

**BS EN ISO 14460:1999**

Protective clothing for automobile racing drivers. Protection against heat and flame. Performance requirements and test methods

PHI/3/2

**BS EN ISO 14895:2016**

Small craft. Liquid-fuelled galley stoves and heating appliances

GME/33

**BS EN 14973:2015**

Conveyor belts for use in underground installations. Electrical and flammability safety requirements

PRI/67

**BS EN ISO 15025:2016**

Protective clothing. Protection against flame. Method of test for limited flame spread

PHI/3/2

**BS EN ISO 15015:2011**

Plastics. Extruded sheets of impact-modified acrylonitrile-styrene copolymers (ABS, AEPDS and ASA). Requirements and test methods

PRI/75

**BS EN ISO 16140-1:2016**

Microbiology of the food chain. Method validation. Vocabulary

AW/9

**BS EN ISO 16140-2:2016**

Microbiology of the food chain. Method validation. Protocol for the validation of alternative (proprietary) methods against a reference method

AW/9

**BS EN ISO 16283-3:2016**

Acoustics. Field measurement of sound insulation in buildings and of building elements. Fatade sound insulation

EH/1/6

**BS EN 16752:2015**

Centrifugal pumps. Test procedure for seal packings

MCE/6

**BS EN 16754:2016**

Artisan Gelato and ice cream machinery. Performance characteristics and energy consumption

RHE/19

**BS EN 16764:2016**

Soft ice cream machines. Performance and evaluation of energy consumption

RHE/19

**BS EN 16847:2016**

Fertilizers. Determination of complexing agents in fertilizers. Identification of heptagluconic acid by chromatography

CII/37

**BS EN ISO 17229:2016**

Leather. Physical and mechanical tests. Determination of water vapour absorption

TCI/69

**BS EN ISO 17236:2016**

Leather. Physical and mechanical tests. Determination of extension set

TCI/69

**BS EN 17269:2019**

Health informatics. The International Patient Summary

IST/35

**BS EN ISO 17943:2016**

Water quality. Determination of volatile organic compounds in water. Method using headspace solid-phase micro-extraction (HS-SPME) followed by gas chromatography-mass spectrometry (GC-MS)

EH/3/2

**BS EN ISO 18635:2016**

Water quality. Determination of short-chain polychlorinated alkanes (SCCPs) in sediment, sewage sludge and suspended (particulate) matter. Method using gas chromatography-mass spectrometry (GC-MS) and electron capture negative ionization (ECNI)

EH/3/2



**BS EN ISO 19071:2016**

Leather. Chemical tests. Determination of chromium (VI) and the reductive potential for chromium tanning agents

TCI/69

**BS EN ISO 20783-1:2011**

Petroleum and related products. Determination of emulsion stability of fire-resistant fluids. Fluids in category HFAE

MCE/18/-16

**BS EN ISO 20838:2006**

Microbiology of food and animal feeding stuffs. Polymerase chain reaction (PCR) for the detection of food-borne pathogens. Requirements for amplification and detection for qualitative methods

AW/9

**BS EN ISO 20843:2011**

Petroleum and related products. Determination of pH of fire-resistant fluids within categories HFAE, HFAS and HFC

MCE/18/-16

**BS EN ISO 21254-1:2011**

Lasers and laser-related equipment. Test methods for laser-induced damage threshold. Definitions and general principles

CPW/172

**BS EN ISO 21871:2006**

Microbiology of food and animal feeding stuffs. Horizontal method for the determination of low numbers of presumptive *Bacillus cereus*. Most probable number technique and detection method

AW/9

**BS EN ISO 24415-1:2009**

Tips for assistive products for walking. Requirements and test methods. Friction of tips

CH/173

**BS EN ISO 29701:2010**

Nanotechnologies. Endotoxin test on nanomaterial samples for in vitro systems. Limulus amoebocyte lysate (LAL) test

NTI/1

**BS EN 50264-1:2008**

Railway applications. Railway rolling stock power and control cables having special fire performance. General requirements

GEL/20/12

**BS EN 50355:2013**

Railway applications. Railway rolling stock cables having special fire performance. Guide to use

GEL/20/12

**BS EN 50655-2:2017**

Electric cables. Accessories. Material characterization. Fingerprinting for heat shrinkable components for low and medium voltage applications up to 20,8/36 (42) kV

GEL/20/11

**BS EN 50655-3:2017**

Electric cables. Accessories. Material characterization. Fingerprinting for cold shrinkable components for low and medium voltage applications up to 20,8/36 (42) kV

GEL/20/11

**BS EN 61300-2-33:2012**

Fibre optic interconnecting devices and passive components. Basic test and measurement procedures. Tests. Assembly and disassembly of fibre optic mechanical splices, fibre management systems and closures

GEL/86/2

**BS EN 60115-9:2004**

Fixed resistors for use in electronic equipment. Sectional specification. Fixed surface mount resistor networks with individually measurable resistors

W/-

**BS EN 140401:2009**

Blank Detail Specification. Fixed low power film surface mount (SMD) resistors

W/-

**BS 476-21:1987**

Fire tests on building materials and structures. Methods for determination of the fire resistance of loadbearing elements of construction

FSH/22

**BS 476-31.1:1983**

Fire tests on building materials and structures. Methods for measuring smoke penetration through doorsets and shutter assemblies

FSH/22

**BS ISO 702-3:2007**

Machine tools. Connecting dimensions of spindle noses and work holding chucks. Bayonet type

MTE/1

**BS ISO 1132-2:2001**

Rolling bearings. Tolerances. Measuring and gauging principles and methods

MCE/7

**BS ISO 3442-3:2007**

Machine tools. Dimensions and geometric tests for self-centring chucks with two-piece jaws. Power-operated chucks with serrated jaws

MTE/1

**BS ISO 3534-1:2006**

Statistics. Vocabulary and symbols. General statistical terms and terms used in probability

SS/1

**BS ISO 3976:2006**

Milk fat. Determination of peroxide value

AW/5

**BS ISO 4587:2003**

Adhesives. Determination of tensile lap-shear strength of rigid-to-rigid bonded assemblies

PRI/52

**BS ISO 5543:2004**

Caseins and caseinates. Determination of fat content. Gravimetric method (reference method)

AW/5

**BS ISO 5667-5:2006**

Water quality. Sampling. Guidance on sampling of drinking water from treatment works and piped distribution systems

EH/3/6

**BS ISO 5006:2017**

Earth-moving machinery. Operator's field of view. Test method and performance criteria

B/513/1

**BS ISO 6721-10:2015**

Plastics. Determination of dynamic mechanical properties. Complex shear viscosity using a parallel-plate oscillatory rheometer

PRI/21

**BS ISO 8334:2007**

Forestry machinery. Portable chain-saws. Determination of balance and maximum holding moment

AGE/29

**BS ISO 9044:2016**

Industrial woven wire cloth. Technical requirements and tests

LBI/37

**BS ISO 9874:2006**

Milk. Determination of total phosphorus content. Method using molecular absorption spectrometry

AW/5

**BS ISO 10835:2007**

Direct reduced iron and hot briquetted iron. Sampling and sample preparation

ISE/58

**BS ISO 11625:2007**

Gas cylinders. Safe handling

PVE/3/7

**BS ISO 11870:2009**

Milk and milk products. Determination of fat content. General guidance on the use of butyrometric methods

AW/5

To order visit  
[www.bsigroup.com/shop](http://www.bsigroup.com/shop)

**BS ISO 11999-9:2016**

PPE for firefighters. Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires occurring in structures. Fire hoods

PH/14

**BS ISO 12406:2010**

Surface chemical analysis. Secondary-ion mass spectrometry. Method for depth profiling of arsenic in silicon

CIU/60

**BS ISO 12492:2012**

Rubber, raw. Determination of water content by Karl Fischer method

PRI/50

**BS ISO 13065:2015**

Sustainability criteria for bioenergy

PTI/20

**BS ISO/IEC 13249-1:2016**

Information technology. Database languages. SQL multimedia and application packages. Framework

IST/40

**BS ISO 14237:2010**

Surface chemical analysis. Secondary-ion mass spectrometry. Determination of boron atomic concentration in silicon using uniformly doped materials

CIU/60

**BS ISO 15106-4:2008**

Plastics. Film and sheeting. Determination of water vapour transmission rate. Gas-chromatographic detection sensor method

PRI/75

**BS ISO 15870:2000**

Powered industrial trucks. Safety signs and hazard pictorials. General principles

MHE/7

**BS ISO 15901-1:2016**

Evaluation of pore size distribution and porosity of solid materials by mercury porosimetry and gas adsorption. Mercury porosimetry

LBI/37

**BS ISO 17183:2016**

Soil quality. Screening soils for isopropanol-extractable organic compounds by determining emulsification index by light attenuation

EH/4

**BS ISO 17493:2016**

Clothing and equipment for protection against heat. Test method for convective heat resistance using a hot air circulating oven

PH/3/2

**BS ISO 18188:2016**

Specification of polypropylene drinking straws

PRI/75

**BS ISO/IEC 18384-1:2016**

Information technology. Reference Architecture for Service Oriented Architecture (SOA RA). Terminology and concepts for SOA

IST/38

**BS ISO/IEC 18384-2:2016**

Information technology. Reference Architecture for Service Oriented Architecture (SOA RA). Reference Architecture for SOA Solutions

IST/38

**BS ISO/IEC 18384-3:2016**

Information technology. Reference Architecture for Service Oriented Architecture (SOA RA). Service Oriented Architecture ontology

IST/38

**BS ISO 19859:2016**

Gas turbine applications. Requirements for power generation

MCE/16

**BS ISO 19973-3:2015**

Pneumatic fluid power. Assessment of component reliability by testing. Cylinders with piston rod

MCE/18

**BS ISO 20998-1:2006**

Measurement and characterization of particles by acoustic methods. Concepts and procedures in ultrasonic attenuation spectroscopy

LBI/37

**BS ISO 23559:2011**

Plastics. Film and sheeting. Guidance on the testing of thermoplastic films

PRI/75

**BS ISO 23600:2007**

Assistive products for persons with vision impairments and persons with vision and hearing impairments. Acoustic and tactile signals for pedestrian traffic lights

CH/173

**BS ISO 28079:2009**

Hardmetals. Palmqvist toughness test

ISE/65

**BS ISO 29783-3:2016**

Prosthetics and orthotics. Vocabulary. Pathological gait (excluding prosthetic gait)

CH/168

**BS 4060:2006**

Pressed wool felts. Specification

TCI/24

**BS 4401-2:1980**

(ISO 937-1978)

Methods of test for meat and meat products. Determination of nitrogen content (reference method)

AW/6

**BS 4401-15:1981**

(ISO 5553-1981)

Methods of test for meat and meat products. Detection of polyphosphates

AW/6

**BS 5852-2:1982**

Fire tests for furniture. Methods of test for the ignitability of upholstered composites for seating by flaming sources

FW/6

**BS 5852:2006**

Methods of test for assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources

FW/6

**BS 6000-1:2005**

Guide to the selection and usage of acceptance sampling systems for inspection of discrete items in lots. General guide to acceptance sampling

SS/5

**BS 6000-3:2005**

Guide to the selection and usage of acceptance sampling systems for inspection of discrete items in lots. Guide to sampling by variables

SS/5

**BS 6807:2006**

Methods of test for assessment of ignitability of mattresses, upholstered divans and upholstered bed bases with flaming types of primary and secondary sources of ignition

FW/6

**BS 6002-3:2005**

Sampling procedures for inspection by variables. Guide to double sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

SS/5

**BS 7176:2007+A1:2011**

Specification for resistance to ignition of upholstered furniture for non-domestic seating by testing composites

FW/6

**BS 7177:2008+A1:2011**

Specification for resistance to ignition of mattresses, mattress pads, divans and bed bases

FW/6

**BS 8453:2011**

Compliance framework for regulated financial services firms. Specification

SVS/6/2

**PD ISO/TR 17177:2015**

Petroleum and natural gas industries. Guidelines for the marine interfaces of hybrid LNG terminals

PSE/17

#### PD ISO/TS 24533:2012

Intelligent transport systems. Electronic information exchange to facilitate the movement of freight and its intermodal transfer. Road transport information exchange methodology

EPL/278

### 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 by **31 December 2021**.

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

#### BS 3506:1969

Specification for unplasticized PVC pipe for industrial uses

PRI/88

*This standard is proposed for withdrawal as it is out of date and no UK manufacturers produce to this standard*

### BRITISH STANDARDS WITHDRAWN

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

#### BS EN 415-3:1999+A1:2009

Safety of packaging machines. Form, fill and seal machines

MCE/3/3

*Formerly BS EN 415-3:2000.. Superseded by BS EN 415-3:2021*

#### BS EN 508-1:2014

Roofing and cladding products from metal sheet. Specification for self-supporting of steel, aluminium or stainless steel sheet. Steel

B/542/6

*Superseded by BS EN 508-1:2021*

#### BS EN 508-3:2008

Roofing products from metal sheet. Specification for self-supporting products of steel, aluminium or stainless steel sheet. Stainless steel

B/542/5

*Superseded by BS EN 508-3:2021*

#### BS EN 877:1999+A1:2006

Cast iron pipes and fittings, their joints and accessories for the evacuation of water from buildings. Requirements, test methods and quality assurance

PSE/10

*Superseded by BS EN 877:2021*

#### BS EN IEC 61000-6-3:2021

Electromagnetic compatibility (EMC). Generic standards. Emission standard for equipment in residential environments

GEL/210/11

*Withdrawn without replacement*

#### BS EN IEC 61788-23:2018

Superconductivity. Residual resistance ratio measurement. Residual resistance ratio of Nb superconductors

L/-/90

*Superseded by BS EN IEC 61788-23:2021*

#### BS EN 1045:1997

Brazing. Fluxes for brazing. Classification and technical delivery conditions

WEE/19

*Superseded by BS EN ISO 18496:2021*

#### BS EN ISO 1973:1996

Textile fibres. Determination of linear density. Gravimetric method and vibroscope method

TCI/24

*Superseded by BS EN ISO 1973:2021*

#### BS EN ISO 3691-6:2015

Industrial trucks. Safety requirements and verification. Burden and personnel carriers

MHE/7

*Superseded by BS EN ISO 3691-6:2021*

#### BS EN ISO 3834-5:2015

Quality requirements for fusion welding of metallic materials. Documents with which it is necessary to conform to claim conformity to the quality requirements of ISO 3834-2, ISO 3834-3 or ISO 3834-4

WEE/-/1

*Superseded by BS EN ISO 3834-5:2021*

#### BS EN 4613:2009

Aerospace series. Spherical plain bearings in corrosion resisting steel with self-lubricating liner, narrow series. Dimensions and loads. Inch series

ACE/12

*Superseded by BS EN 4613:2021*

#### BS EN 4614:2009

Aerospace series. Spherical plain bearings in corrosion resisting steel with self-lubricating liner, wide series. Dimensions and loads. Inch series

ACE/12

*Superseded by BS EN 4614:2021*

#### BS EN ISO 4674-2:1998

Rubber- or plastics-coated fabrics. Determination of tear resistance. Ballistic pendulum method

TCI/24

*Superseded by BS EN ISO 4674-2:2021*

#### BS EN ISO 10535:2006

Hoists for the transfer of disabled persons. Requirements and test methods

CH/173

*Superseded by BS EN ISO 10535:2021*

#### BS EN ISO 11432:2005

Building construction. Sealants. Determination of resistance to compression

B/547

*Superseded by BS EN ISO 11432:2021*

#### BS EN ISO 11807-2:2005

Integrated optics. Vocabulary. Terms used in classification

CPW/172

*Superseded by BS EN ISO 11807-2:2021*

#### BS EN ISO 11855-2:2015

Building environment design. Design, dimensioning, installation and control of embedded radiant heating and cooling systems. Determination of the design heating and cooling capacity

RHE/24

*Superseded by BS EN ISO 11855-2:2021*

#### BS EN 12405-1:2018

Gas meters. Conversion devices. Volume conversion

GSE/25

*Superseded by BS EN 12405-1:2021*

#### BS EN 12809:2001+A1:2004

Residential independent boilers fired by solid fuel. Nominal heat output up to 50 kW. Requirements and test methods

RHE/28

*Superseded by BS EN 16510-1:2018*

#### BS EN 12815:2001+A1:2004

Residential cookers fired by solid fuel. Requirements and test methods

RHE/28

*Superseded by BS EN 16510-1:2018*

#### BS EN 13019:2001+A1:2008

Machines for road surface cleaning. Safety requirements

B/513

*Superseded by BS EN 17106-1:2021; BS EN 17106-2:2021; BS EN 17106-3-1:2021; BS EN 17106-3-2:2021; and BS E*

#### BS EN 13021:2003+A1:2008

Winter service machines. Safety requirements

B/513

*Superseded by BS EN 17106-1:2021; BS EN 17106-2:2021; BS EN 17106-3-1:2021; BS EN 17106-3-2:2021; and BS E*

**BS EN 13138-1:2014**

Buoyant aids for swimming instruction. Safety requirements and test methods for buoyant aids to be worn

SW/136/8

Superseded by BS EN 13138-1:2021

**BS EN 13138-2:2014**

Buoyant aids for swimming instruction. Safety requirements and test methods for buoyant aids to be held

SW/136/8

Superseded by BS EN 13138-2:2021

**BS EN 13138-3:2014**

Buoyant aids for swimming instruction. Safety requirements and test methods for swim seats to be worn

SW/136/8

Superseded by BS EN 13138-3:2021

**BS EN 13229:2001+A2:2004**

Inset appliances including open fires fired by solid fuels. Requirements and test methods

RHE/28

Superseded by BS EN 16510-1:2018

**BS EN 13240:2001+A2:2004**

Room heaters fired by solid fuel. Requirements and test methods

RHE/28

Superseded by BS EN 16510-1:2018

**BS EN 13477-2:2010**

Non-destructive testing. Acoustic emission. Equipment characterisation. Verification of operating characteristic

WEE/46

Superseded by BS EN 13477-2:2021

**BS EN 13523-0:2014**

Coil coated metals. Test methods. General introduction

STI/21

Superseded by BS EN 13523-0:2021

**BS EN 13523-2:2014**

Coil coated metals. Test methods. Gloss

STI/21

Superseded by BS EN 13523-2:2021

**BS EN 13523-3:2014**

Coil coated metals. Test methods. Colour difference. Instrumental comparison

STI/21

Superseded by BS EN 13523-3:2021

**BS EN 13523-7:2014**

Coil coated metals. Test methods. Resistance to cracking on bending (T-bend test)

STI/21

Superseded by BS EN 13523-7:2021

**BS EN 13523-15:2015**

Coil coated metals. Test methods. Metamerism

STI/21

Superseded by BS EN 13523-3:2021

**BS EN 13524:2003+A2:2014**

Highway maintenance machines. Safety requirements

B/513/-16

Superseded by BS EN 17106-1:2021;; BS EN 17106-2:2021;; BS EN 17106-3-1:2021;; BS EN 17106-3-2:2021; and BS E

**BS EN ISO 14065:2013**

Greenhouse gases. Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

SES/17

Superseded by BS EN ISO 14065:2021

**BS EN ISO 14922-1:1999**

Thermal spraying. Quality requirements of thermally sprayed structures. Guidance for selection and use

STI/40

Superseded by BS EN ISO 14922:2021

**BS EN ISO 14922-2:1999**

Thermal spraying. Quality requirements of thermally sprayed structures. Comprehensive quality requirements

STI/40

Superseded by BS EN ISO 14922:2021

**BS EN ISO 14922-3:1999**

Thermal spraying. Quality requirements of thermally sprayed structures. Standard quality requirements

STI/40

Superseded by BS EN ISO 14922:2021

**BS EN ISO 14922-4:1999**

Thermal spraying. Quality requirements of thermally sprayed structures. Elementary quality requirements

STI/40

Superseded by BS EN ISO 14922:2021

**BS EN 15199-4:2015**

Petroleum products. Determination of boiling range distribution by gas chromatography method. Light fractions of crude oil

PTI/13

Superseded by BS EN 15199-4:2021

**BS EN 15302:2008+A1:2010**

Railway applications. Method for determining the equivalent concity

RAE/1/-8

Superseded by BS EN 15302:2021

**BS EN 15421:2007**

Packaging. Flexible aluminium tubes. Determination of the adhesion of the internal and external protective lacquering

PKW/0

Superseded by BS EN 15421:2021

**BS EN ISO 15614-12:2014**

Specification and qualification of welding procedures for metallic materials. Welding procedure test. Spot, seam and projection welding

WEE/36

Superseded by BS EN ISO 15614-12:2021

**BS EN 16480:2016**

Pumps. Minimum required efficiency of rotodynamic water pumps

MCE/6

Superseded by BS EN 16480:2021

**BS EN 16602-60-13:2015**

Space product assurance. Requirements for the use of COTS components

ACE/68

Withdrawn without replacement

**BS EN ISO 16672:2015**

Ophthalmic implants. Ocular endotamponades

CH/172/7

Superseded by BS EN ISO 16672:2021

**BS EN 17032:2018+A1:2019**

Blast chillers and freezers cabinets for professional use. Classification, requirements and test conditions

RHE/19

Superseded by BS EN ISO 22042:2021

**BS EN 10132-1:2000**

Cold rolled narrow steel strip for heat treatment. Technical delivery conditions. General

ISE/105

Superseded by BS EN 10132:2021

**BS EN 10132-2:2000**

Cold rolled narrow steel strip for heat treatment. Technical delivery conditions. Case hardening steels

ISE/105

Superseded by BS EN 10132:2021

**BS EN 10132-4:2000**

Cold rolled narrow steel strip for heat treatment. Technical delivery conditions. Spring steels and other applications

ISE/105

Superseded by BS EN 10132:2021

**BS EN ISO 22475-1:2006**

Geotechnical investigation and testing. Sampling methods and groundwater measurements. Technical principles for execution

B/526/3

Superseded by BS EN ISO 22475-1:2021

**BS EN ISO 27789:2013**

Health informatics. Audit trails for electronic health records

IST/35

Superseded by BS EN ISO 27789:2021



**BS EN ISO 29461-1:2013**

Air intake filter systems for rotary machinery.  
Test methods. Static filter elements

MCE/21

*Superseded by BS EN ISO 29461-1:2021*

**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 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 60332-3-21:2009**

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

GEL/20/18

*Superseded by BS EN IEC 60332-3-21:2018*

**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 60695-2-13:2010+A1:2014**

Fire hazard testing. Glowing/hot-wire based test  
methods. Glow-wire ignition temperature  
(GWIT) test method for materials

GEL/89

*Superseded by BS EN IEC 60695-2-13:2021*

**BS EN 60695-9-2:2014**

Fire hazard testing. Surface spread of flame.  
Summary and relevance of test methods

GEL/89

*Superseded by BS EN IEC 60695-9-2:2021*

**BS EN 60704-1:2010+A11:2012**

Fibre optic sensors. Electric current  
measurement. Polarimetric method

CPL/59

*Superseded by BS EN IEC 60704-1:2021*

**BS EN 60958-3:2006+A2:2015**

Digital audio interface. Consumer applications

EPL/100

*Superseded by BS EN IEC 60958-3:2021*

**BS EN 61010-2-051:2015**

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

EPL/66

*Superseded by BS EN IEC 61010-2-051:2021+A11:2021*

**BS EN 61010-2-061:2015**

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

EPL/66

*Superseded by BS EN IEC 61010-2-061:2021*

**BS EN 61169-54:2016**

Radio-frequency connectors. Sectional specification for coaxial connectors with 10 mm inner diameter of outer conductor, nominal characteristic impedance 50 Ω, series 4,3-10

EPL/46

Superseded by BS EN IEC 61169-54:2021

**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 61760-3:2010**

Surface mounting technology. Standard method for the specification of components for through hole reflow (THR) soldering

EPL/501

Superseded by BS EN IEC 61760-3:2021

**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 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 62244:2011**

Radiation protection instrumentation. Installed radiation monitors for the detection of radioactive and special nuclear materials at national borders

NCE/2

Formerly BS IEC 62244:2006.. Superseded by BS EN IEC 62244:2021

**BS EN 62321-2:2014**

Determination of certain substances in electrotechnical products. Disassembly, disjointment and mechanical sample preparation

GEL/111

Superseded by BS EN IEC 62321-2:2021

**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 60086-5:2016**

Primary batteries. Safety of batteries with aqueous electrolyte

CPL/35

Superseded by BS EN IEC 60086-5:2021

**BS EN 80001-1:2011**

Application of risk management for IT-networks incorporating medical devices. Roles, responsibilities and activities

CH/62/1

Superseded by BS EN IEC 80001-1:2021

**BS EN 123000:1992**

Harmonized system of quality assessment for electronic components. Generic specification: printed boards

EPL/501

Formerly BS CECC 23000:1989

**BS IEC/IEEE 62271-37-013:2015**

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

PEL/17

Superseded by BS IEC/IEEE 62271-37-013:2021

**BS IEC 62153-4-16:2016**

Metallic communication cable test methods. Electromagnetic compatibility (EMC). Extension of the frequency range to higher frequencies for transfer impedance and to lower frequencies for screening attenuation measurements using the triaxial set-up

EPL/46

Superseded by BS EN IEC 62153-4-16:2021

**BS ISO 3031:2000**

Rolling bearings. Thrust needle roller and cage assemblies, thrust washers. Boundary dimensions and tolerances

MCE/7

Superseded by BS ISO 3031:2021

**BS ISO 4000-2:2013**

Passenger car tyres and rims. Rims

AUE/4

Superseded by BS ISO 4000-2:2021

**BS ISO 4138:2012**

Passenger cars. Steady-state circular driving behaviour. Open-loop test methods

AUE/15

Superseded by BS ISO 4138:2021

**BS ISO 4695:2015**

Iron ores for blast furnace feedstocks. Determination of the reducibility by the rate of reduction index

ISE/58

Superseded by BS ISO 4695:2021

**BS ISO 6469-3:2018+A1:2020**

Electrically propelled road vehicles. Safety specifications. Electrical safety. updated

PEL/69

Superseded by BS ISO 6469-3:2021

**BS ISO/IEC 7350:1991**

Information technology. Registration of repertoires of graphic characters from ISO/IEC 10367

ICT/1

Withdrawn without replacement

**BS ISO 7870-4:2011**

Control charts. Cumulative sum charts

SS/4

*Also numbered BS 5703:2011. Superseded by BS ISO 7870-4:2021***BS ISO 9286:1997**

Abrasive grains and crude. Chemical analysis of silicon carbide

MTE/13

*Superseded by BS ISO 9286:2021***BS ISO/IEC/IEEE 29119-2:2013**

Software and systems engineering. Software testing. Test processes

IST/15

*Superseded by BS ISO/IEC/IEEE 29119-2:2021***BS ISO/IEC/IEEE 29119-3:2013**

Software and systems engineering. Software testing. Test documentation

IST/15

*Superseded by BS ISO/IEC/IEEE 29119-3:2021***BS ISO/IEC/IEEE 29119-4:2015**

Software and systems engineering. Software testing. Test techniques

IST/15

*Superseded by BS ISO/IEC/IEEE 29119-4:2021***BS ISO 11452-9:2012**

Road vehicles. Component test methods for electrical disturbances from narrowband radiated electromagnetic energy. Portable transmitters

AUE/16

*Superseded by BS ISO 11452-9:2021***BS ISO/IEC 11770-3:2015+A1:2017**

Information technology. Security techniques. Key management. Mechanisms using asymmetric techniques

IST/33/2

*Superseded by BS ISO/IEC 11770-3:2021***BS ISO 13457:2008**

Agricultural irrigation equipment. Water-driven chemical injector pumps

AGE/30

*Superseded by BS ISO 13457:2021***BS ISO 13775-1:2015**

Thermoplastic tubing and hoses for automotive use. Non-fuel applications

PRI/66

*Superseded by BS ISO 13775-1:2021***BS ISO 13837:2008**

Road vehicles. Safety glazing materials. Method for the determination of solar transmittance

AUE/1

*Superseded by BS ISO 13837:2021***BS ISO 14400:2005**

Road vehicles. Wheels and rims. Use, general maintenance and safety requirements and out-of-service conditions

AUE/4

*Superseded by BS ISO 14400:2021***BS ISO 18947:2013**

Imaging materials. Photographic reflection prints. Determination of abrasion resistance of photographic images

CPW/42

*Superseded by BS ISO 18947-1:2021; and BS ISO 18947-2:2021***BS ISO/IEC 18014-2:2009**

Information technology. Security techniques. Time-stamping services. Mechanisms producing independent tokens

IST/33/2

*Superseded by BS ISO/IEC 18014-2:2021***BS ISO 19050:2015**

Rubber, raw, vulcanized. Determination of metal content by ICP-OES

PRI/22

*Superseded by BS ISO 19050:2021***BS ISO 19242:2015**

Rubber. Determination of total sulfur content by ion chromatography

PRI/22

*Superseded by BS ISO 19242:2021***BS ISO 19259:2015**

Plain bearings. Bearings with embedded solid lubricants

MCE/12

*Superseded by BS ISO 19259:2021***BS ISO 21807:2004**

Microbiology of food and animal feeding stuffs. Determination of water activity

AW/9

*Superseded by BS ISO 18787:2017***BS ISO 25518:2009**

Single-use rubber gloves for general applications. Specification

CH/205/3

*Superseded by BS ISO 25518:2021***BS ISO/IEC 27036-1:2014**

Information technology. Security techniques. Information security for supplier relationships. Overview and concepts

IST/33/4

*Superseded by BS ISO/IEC 27036-1:2021***BS ISO 37106:2018**

Sustainable cities and communities. Guidance on establishing smart city operating models for sustainable communities

SDS/2

*Superseded by BS ISO 37106:2021***BS 1016-108.1:1996**

(ISO 616:1995)

Methods for analysis and testing of coal and coke. Tests special to coke. Determination of shatter indices

PTI/16

*Superseded by BS ISO 616:2021***BS 4163:2014**

Health and safety for design and technology in educational and similar establishments. Code of practice

GME/27

*Superseded by BS 4163:2021***BS 5895:1980**

(ISO 4803-1978)

Specification for borosilicate glass tubing for laboratory apparatus

LBW/12

*Superseded by BS ISO 4803:2021***BS 7251-1:1990**

Orthopaedic joint prostheses. Specification for general requirements

CH/150/4

*Withdrawn without replacement as per CH/150/4 committee decision***BS 7941-1:1999**

Methods for measuring the skid resistance of pavement surfaces. Side-way force coefficient routine investigation machine

B/510/5

*Superseded by BS 7941-1:2006***BS 8546:2016**

Travel adaptors compatible with UK plug and socket system. Specification

PEL/23

*Superseded by BS 8546:2016+A1:2018***DD CEN/TS 14038-2:2011**

Electrochemical re-alkalization and chloride extraction treatments for reinforced concrete. Chloride extraction

GEL/603

*Superseded by BS EN 14038-2:2020***Help Us to Help You!****Always quote your Customer Number****Don't know your number?****Contact Customer Services 020 8996 9001****who will be happy to check it for you**

**DD ISO/TS 3716:2006**

Hydrometry. Functional requirements and characteristics of suspended-sediment samplers  
CPI/113  
*Superseded by BS ISO 3716:2021*

**PD CEN/TS 16981:2016**

Photocatalysis. Glossary of terms  
RPI/13  
*Superseded by BS EN 16981:2021*

**PD CEN/TS 17305:2019**

Molecular in vitro diagnostic examinations. Specifications for pre-examination processes for saliva. Isolated human DNA  
CH/212  
*Superseded by BS EN ISO 4307:2021*

**PD CEN ISO/TR 16178:2012**

Footwear. Critical substances potentially present in footwear and footwear components  
TCI/69  
*Superseded by PD CEN ISO/TR 16178:2021*

**PD CLC/TR 50510:2012**

Fibre optic access to end-user. A guideline to building of FTTH fibre optic network  
GEL/86/1  
*Superseded by PD CLC/TR 50510:2021*

**PD IEC/TR 62000:2011**

Guideline for combining different single-mode fibres types  
GEL/86/1  
*Superseded by PD IEC TR 62000:2021*

**PD IEC/TR 62039:2007**

Selection guide for polymeric materials for outdoor use under HV stress  
GEL/112  
*Superseded by PD IEC TR 62039:2021*

**PD ISO/IEC TR 20000-4:2010**

Information technology. Service management. Process reference model  
IST/60  
*This standard is withdrawn as its withdrawn by ISO*

**PD ISO/IEC TR 20000-9:2015**

Information technology. Service management. Guidance on the application of ISO/IEC 20000-1 to cloud services  
IST/60/2  
*This standard is withdrawn as its withdrawn by ISO*

**PD ISO/IEC TR 20000-11:2015**

Information technology. Service management. Guidance on the relationship between ISO/IEC 20000-1:2011 and service management frameworks: ITIL'  
IST/60/2  
*Superseded by PD ISO/IEC TS 20000-11:2021*

**PD ISO/IEC TR 20000-12:2016**

Information technology. Service management. Guidance on the relationship between ISO/IEC 20000-1:2011 and service management frameworks: CMMI-SVC'  
IST/60/2  
*This standard is withdrawn as its withdrawn by ISO*

**PD ISO/IEC TS 22237-1:2018**

Information technology. Data centre facilities and infrastructures. General concepts  
TCT/7/3  
*Superseded by BS ISO/IEC 22237-1:2021*

**PD ISO/IEC TS 22237-3:2018**

Information technology. Data centre facilities and infrastructures. Power distribution  
TCT/7/3  
*Superseded by BS ISO/IEC 22237-3:2021*

**PD ISO/TR 20078-4:2019**

Road vehicles. Extended vehicle (ExVe) web services. Control  
AUE/16  
*Superseded by PD ISO/TR 20078-4:2021*

**PD ISO/IEC TR 90006:2013**

Information technology. Guidelines for the application of ISO 9001:2008 to IT service management and its integration with ISO/IEC 20000-1:2011  
IST/60  
*This standard is withdrawn as its withdrawn by ISO*

**PAS 41:2003**

Directional sounders. Requirements and tests  
FSH/12/5  
*This standard is withdrawn as reviewed by Standard Services (Ops) as no longer to be maintained*

**PAS 51:2004**

Guide to industry best practice for organizing outdoor events  
ZZ/1  
*Withdrawn without replacement*

**PAS 85:2000**

A quality management system to ensure the integrity and traceability of primary products in the agri-food chain  
AW/90  
*This standard is withdrawn as this PAS was reviewed by Standard Services (Ops) as no longer to be maintained*

**PAS 90:2006**

Specification for safe working practice for on-site maintenance and repair of industrial trucks  
ZZ/1  
*This standard is withdrawn as this PAS was reviewed by Standard Services (Ops) and determined as no longer to be maintained*

**PAS 124:2011**

Defining, implementing and managing website policies and standards. Code of practice  
ZZ/1  
*This standard is withdrawn as this PAS has undergone review by Standard Services (Ops) and is no longer required*

**PAS 137:2013**

Nanomaterials and nanotechnology-based products. Guide to regulation and standards  
ZZ/4  
*This standard is withdrawn as this PAS was reviewed by Standard Services (Ops) and determined as no longer to be maintained*

**PAS 156:2015**

Specification for the maintenance of financial services customer data  
ZZ/3  
*This standard is withdrawn as it has been reviewed by Standard Services and marked as no longer required*

**PAS 180:2014**

Smart cities. Vocabulary  
ZZ/1  
*This standard is withdrawn as its Superseded by ISO 37100*

**PAS 500:2008**

National specification for travel plans  
ZZ/1  
*Withdrawn without replacement*

**PAS 8401:2014**

Implementing an inside sales management methodology. Guide  
ZZ/4  
*Withdrawn as no longer to be maintained*

**BRITISH STANDARDS UNDER REVIEW**

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

Comments should be sent to Debbie Stead, Associate Director of Operations, BSI Group, 389 Chiswick High Road, London W4 4AL or via email to BSUKoperations.review@bsigroup.com by **31 December 2021**, in order to be considered by the relevant UK Committee.

**ISO 43:2016**

Aircraft. Jacking pads  
ACE/57



**ISO 96-1:2016**

Textile machinery and accessories. Rings and travellers for ring spinning and ring twisting frames. Flange rings T and SF and their travellers

TCI/33

**ISO 235:2016**

Parallel shank jobber and stub series drills and Morse taper shank drills

MTE/18

**ISO 238:2016**

Reduction sleeves and extension sockets for tools with Morse taper shanks

MTE/18

**ISO 622:2016**

Solid mineral fuels. Determination of phosphorus content. Reduced molybdophosphate photometric method

PTI/16

**ISO/CIE 28077:2016**

Photocarcinogenesis action spectrum (non-melanoma skin cancers)

EL/1

**ISO 1085:2016**

Assembly tools for screws and nuts. Double-ended wrenches. Size pairing

MTE/15

**ISO 1135-3:2016**

Transfusion equipment for medical use. Blood-taking sets for single use

CH/212

**ISO 1213-2:2016**

Solid mineral fuels. Vocabulary. Terms relating to sampling, testing and analysis

PTI/16

**ISO 1920-2:2016**

Testing of concrete. Properties of fresh concrete

B/517/1

**ISO 2540:2016**

Centre drills for centre holes with protecting chamfer. Type B

MTE/18

**ISO 2541:2016**

Centre drills for centre holes with radius form. Type R

MTE/18

**ISO 2584:2016**

Cylindrical cutters with plain bore and key drive. Metric series

MTE/18

**ISO 2698:2016**

Diesel engines. Clamp-mounted fuel injectors, types 7 and 28

MCE/22

**ISO 3078:2016**

Shipbuilding. Cargo winches

SME/32

**ISO 3291:2016**

Extra-long Morse taper shank twist drills

MTE/18

**ISO 3292:2016**

Extra-long parallel shank twist drills

MTE/18

**ISO 3310-1:2016**

Test sieves. Technical requirements and testing. Test sieves of metal wire cloth

LBI/37

**ISO 3318:2016**

Assembly tools for screws and nuts. Open-ended wrenches, box wrenches and combination wrenches. Maximum widths of heads

MTE/15

**ISO 3691-3:2016**

Industrial trucks. Safety requirements and verification. Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads

MHE/7

**ISO 3848:2016**

Essential oil of citronella, Java type

AW/54

**ISO 3864-2:2016**

Graphical symbols. Safety colours and safety signs. Design principles for product safety labels

PH/8/1

**ISO 3964:2016**

Dentistry. Coupling dimensions for handpiece connectors

CH/106/4

**ISO 4202:2016**

Reduction sleeves with external 7/24 taper for tools with Morse taper shanks

MTE/18

**ISO 4204:2016**

Countersinks, 90°, with Morse taper shanks and detachable pilots

MTE/18

**ISO 4205:2016**

Countersinks, 90°, with parallel shanks and solid pilots

MTE/18

**ISO 4206:2016**

Counterbores with parallel shanks and solid pilots

MTE/18

**ISO 4207:2016**

Counterbores with Morse taper shanks and detachable pilots

MTE/18

**ISO 4230:2016**

Hand- and machine-operated circular screwing dies for taper pipe threads. R series

MTE/18

**ISO 4231:2016**

Hand- and machine-operated circular screwing dies for parallel pipe threads. G series

MTE/18

**ISO 5127:2017**

Information and documentation. Foundation and vocabulary

IDT/2

**ISO 5006:2017**

Earth-moving machinery. Operators field of view. Test method and performance criteria

B/513/1

**ISO 6553:2016**

Automatic steam traps. Marking

PSE/18

**ISO 6789-1:2017**

Assembly tools for screws and nuts. Hand torque tools. Requirements and methods for design conformance testing and quality conformance testing: minimum requirements for declaration of conformance

MTE/15

**ISO 6789-2:2017**

Assembly tools for screws and nuts. Hand torque tools. Requirements for calibration and determination of measurement uncertainty

MTE/15

**ISO 7079:2016**

Core drills with parallel shanks and with Morse taper shanks

MTE/18

**ISO 7153-1:2016**

Surgical instruments. Materials. Metals

CH/170

**ISO 7718-1:2016**

Aircraft. Passenger doors interface requirements for connection of passenger boarding bridge or passenger transfer vehicle. Main deck doors

ACE/57

**ISO 7718-2:2016**

Aircraft. Passenger doors interface requirements for connection of passenger boarding bridge or passenger transfer vehicle. Upper deck doors

ACE/57

**ISO 8000-61:2016**

Data quality. Data quality management: Process reference model

AMT/4

**ISO 8535-1:2016**

Diesel engines. Steel tubes for high-pressure fuel injection pipes. Requirements for seamless cold-drawn single-wall tubes

MCE/22

**ISO 8536-6:2016**

Infusion equipment for medical use. Freeze drying closures for infusion bottles

CH/212

**ISO 8536-14:2016**

Infusion equipment for medical use. Clamps and flow regulators for transfusion and infusion equipment without fluid contact

CH/212

**ISO 8575:2016**

Aerospace. Fluid systems. Hydraulic system tubing

ACE/69

**ISO 8820-4:2016**

Road vehicles. Fuse-links. Fuse-links with female contacts (type A) and bolt-in contacts (type B) and their test fixtures

AUE/16

**ISO 8871-5:2016**

Elastomeric parts for parenterals and for devices for pharmaceutical use. Functional requirements and testing

CH/212

**ISO/IEC 9075-3:2016**

Information technology. Database languages. SQL. Call-Level Interface (SQL/CLI)

IST/40

**ISO/IEC 9075-10:2016**

Information technology. Database languages. SQL. Object language bindings (SQL/OLB)

IST/40

**ISO 9173-1:2016**

Dentistry. Extraction forceps. General requirements

CH/106/4

**ISO 9244:2008**

Earth-moving machinery. Machine safety labels. General principles

B/513/1

**ISO 9344:2016**

Microscopes. Graticules for eyepieces

CPW/172

**ISO 9856:2016**

Conveyor belts. Determination of elastic and permanent elongation and calculation of elastic modulus

PR/67

**ISO 9934-1:2016**

Non-destructive testing. Magnetic particle testing. General principles

WEE/46

**ISO 9974-4:2016**

Connections for general use and fluid power. Ports and stud ends with ISO 261 threads with elastomeric or metal-to-metal sealing. Dimensions, design, test methods and requirements for external hex and internal hex port plugs

MCE/18/-/4

**ISO/IEC/IEEE 8802-1BA:2016**

Information technology. Telecommunications and information exchange between systems. Local and metropolitan area networks. Specific requirements. Audio video bridging (AVB) systems

IST/6

**ISO/IEC/IEEE 8802-1BR:2016**

Information technology. Telecommunications and information exchange between systems. Local and metropolitan area networks. Specific requirements. Virtual bridged local area networks. Bridge port extension

IST/6

**ISO/IEC/IEEE 29119-5:2016**

Software and systems engineering. Software testing. Keyword-Driven Testing

IST/15

**ISO 10253:2016**

Water quality. Marine algal growth inhibition test with *Skeletonema* sp. and *Phaeodactylum tricornutum*

EH/3/5

**ISO 10322-1:2016**

Ophthalmic optics. Semi-finished spectacle lens blanks. Specifications for single-vision and multifocal lens blanks

CH/172/3

**ISO 10322-2:2016**

Ophthalmic optics. Semi-finished spectacle lens blanks. Specifications for progressive-power and degressive-power lens blanks

CH/172/3

**ISO 10537:2016**

Space data and information transfer systems. Encapsulation service

ACE/68

**ISO 10545-13:2016**

Ceramic tiles. Determination of chemical resistance

B/539

**ISO 10685-2:2016**

Ophthalmic optics. Spectacle frames and sunglasses electronic catalogue and identification. Commercial information

CH/172

**ISO 10928:2016**

Plastics piping systems. Glass-reinforced thermosetting plastics (GRP) pipes and fittings. Methods for regression analysis and their use

PR/88/2

**ISO 10993-6:2016**

Biological evaluation of medical devices. Tests for local effects after implantation

CH/194

**ISO 11040-8:2016**

Prefilled syringes. Requirements and test methods for finished prefilled syringes

CH/212

**ISO 11111-2:2005**

Textile machinery. Safety requirements. Spinning preparatory and spinning machines

TCI/33

**ISO 11111-3:2005**

Textile machinery. Safety requirements. Nonwoven machinery

TCI/33

**ISO 11111-4:2005**

Textile machinery. Safety requirements. Yarn processing, cordage and rope manufacturing machinery

TCI/33

**ISO 11111-5:2005**

Textile machinery. Safety requirements. Preparatory machinery to weaving and knitting

TCI/33

**ISO 11418-1:2016**

Containers and accessories for pharmaceutical preparations. Drop-dispensing glass bottles

CH/212

**ISO 11418-2:2016**

Containers and accessories for pharmaceutical preparations. Screw-neck glass bottles for syrups

CH/212

**ISO 11418-3:2016**

Containers and accessories for pharmaceutical preparations. Screw-neck glass bottles (veral) for solid and liquid dosage forms

CH/212

**ISO/TS 11665-12:2018**

Measurement of radioactivity in the environment. Air: radon-222. Determination of the diffusion coefficient in waterproof materials: membrane one-side activity concentration measurement method

NCE/2

**ISO 11723:2016**

Solid mineral fuels. Determination of arsenic and selenium. Eschka's mixture and hydride generation method

PT/16

**ISO/IEC 11770-6:2016**

Information technology. Security techniques. Key management. Key derivation

IST/33/2

**ISO 11898-2:2016**

Road vehicles. Controller area network (CAN). High-speed medium access unit

AUE/16

**ISO 12197:2016**

Woodruff keyseat cutters. Dimensions

MTE/18

**ISO 12505-2:2016**

Skin barrier for ostomy aids. Test methods. Wet integrity and adhesive strength

CH/173

**ISO 12625-5:2016**

Tissue paper and tissue products. Determination of wet tensile strength

PAI/11

**ISO 12625-6:2016**

Tissue paper and tissue products. Determination of grammage

PAI/11

**ISO 12647-7:2016**

Graphic technology. Process control for the production of halftone colour separations, proof and production prints. Proofing processes working directly from digital data

PAI/43

**ISO 12756:2016**

Drawing and writing instruments. Ball point pens and roller ball pens. Vocabulary

TPR/11-2

**ISO 12828-2:2016**

Validation methods for fire gas analyses. Interlaboratory validation of quantification methods

FSH/16

**ISO 12947-2:2016**

Textiles. Determination of the abrasion resistance of fabrics by the Martindale method. Determination of specimen breakdown

TCI/24

**ISO 13061-13:2016**

Physical and mechanical properties of wood. Test methods for small clear wood specimens. Determination of radial and tangential shrinkage

B/543

**ISO 13061-14:2016**

Physical and mechanical properties of wood. Test methods for small clear wood specimens. Determination of volumetric shrinkage

B/543

**ISO 13140-1:2016**

Electronic fee collection. Evaluation of on-board and roadside equipment for conformity to ISO 13141. Test suite structure and test purposes

EPL/278

**ISO 13140-2:2016**

Electronic fee collection. Evaluation of on-board and roadside equipment for conformity to ISO 13141. Abstract test suite

EPL/278

**ISO 13143-2:2016**

Electronic fee collection. Evaluation of on-board and roadside equipment for conformity to ISO 12813. Abstract test suite

EPL/278

**ISO 13296:2016**

Diesel engines. High-pressure fuel injection pipe assemblies. General requirements and dimensions

MCE/22

**ISO/TS 13399-202:2015**

Cutting tool data representation and exchange. Creation and exchange of 3D models. Irregular inserts

MTE/18

**ISO/TS 13399-315:2018**

Cutting tool data representation and exchange. Creation and exchange of 3D models. Modelling of machine operated feed out tools

MTE/18

**ISO/TS 13399-403:2018**

Cutting tool data representation and exchange. Creation and exchange of 3D models. Modelling of driven tool units

MTE/18

**ISO 13400-3:2016**

Road vehicles. Diagnostic communication over Internet Protocol (DoIP). Wired vehicle interface based on IEEE 802.3

AUE/16

**ISO 13948-2:2016**

Diesel engines. Fuel injection pumps and fuel injector low-pressure connections. Non-threaded (push-on) connections

MCE/22

**ISO 14405-1:2016**

Geometrical product specifications (GPS). Dimensional tolerancing. Linear sizes

TPR/1

**ISO 14405-3:2016**

Geometrical product specifications (GPS). Dimensional tolerancing. Angular sizes

TPR/1

**ISO 14490-7:2016**

Optics and photonics. Test methods for telescopic systems. Test methods for limit of resolution

CPW/172

**ISO 14577-4:2016**

Metallic materials. Instrumented indentation test for hardness and materials parameters. Test method for metallic and non-metallic coatings

ISE/101/5

**ISO 14705:2016**

Fine ceramics (advanced ceramics, advanced technical ceramics). Test method for hardness of monolithic ceramics at room temperature

RPI/13

**ISO 14990-1:2016**

Earth-moving machinery. Electrical safety of machines utilizing electric drives and related components and systems. General requirements

B/513/1

**ISO 14990-2:2016**

Earth-moving machinery. Electrical safety of machines utilizing electric drives and related components and systems. Particular requirements for externally-powered machines

B/513/1

**ISO 14990-3:2016**

Earth-moving machinery. Electrical safety of machines utilizing electric drives and related components and systems. Particular requirements for self-powered machines

B/513/1

**ISO 15082:2016**

Road vehicles. Tests for rigid plastic safety glazing materials

AUE/1

**ISO 15236-1:2016**

Steel cord conveyor belts. Design, dimensions and mechanical requirements for conveyor belts for general use

PR/67

**ISO 15237:2016**

Solid mineral fuels. Determination of total mercury content of coal

PTI/16

**ISO 15238:2016**

Solid mineral fuels. Determination of total cadmium content of coal

PTI/16

**ISO/TS 15311-2:2018**

Graphic technology. Print quality requirements for printed matter. Commercial print applications utilizing digital printing technologies

PAI/43

**ISO 15501-1:2016**

Road vehicles. Compressed natural gas (CNG) fuel systems. Safety requirements

GSE/40

**ISO 15501-2:2016**

Road vehicles. Compressed natural gas (CNG) fuel systems. Test methods

GSE/40

**ISO 15550:2016**

Internal combustion engines. Determination and method for the measurement of engine power. General requirements

MCE/14

**ISO 15614-7:2016**

Specification and qualification of welding procedures for metallic materials. Welding procedure test. Overlay welding

WEE/36

**ISO 15673:2016**

Guidelines for the simplified design of structural reinforced concrete for buildings

B/525/2

**ISO 15741:2016**

Paints and varnishes. Friction-reduction coatings for the interior of on- and offshore steel pipelines for non-corrosive gases

STI/21

**ISO/TS 16195:2018**

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

NTI/1

**ISO 16293-4:2016**

Glass in building. Basic soda lime silicate glass products. Wired patterned glass

B/520

**ISO 16293-5:2016**

Glass in building. Basic soda lime silicate glass products. Patterned glass

B/520

**ISO 16312-1:2016**

Guidance for assessing the validity of physical fire models for obtaining fire effluent toxicity data for fire hazard and risk assessment. Criteria

FSH/16

**ISO 16355-2:2017**

Applications of statistical and related methods to new technology and product development process. Non-quantitative approaches for the acquisition of voice of customer and voice of stakeholder

MS/6

**ISO 16355-4:2017**

Applications of statistical and related methods to new technology and product development process. Analysis of non-quantitative and quantitative Voice of Customer and Voice of Stakeholder

MS/6

**ISO 16355-5:2017**

Applications of statistical and related methods to new technology and product development process. Solution strategy

MS/6

**ISO 16440:2016**

Petroleum and natural gas industries. Pipeline transportation systems. Design, construction and maintenance of steel cased pipelines

PSE/17/2

**ISO 16610-28:2016**

Geometrical product specifications (GPS). Filtration. Profile filters: End effects

TPR/1

**ISO 16610-31:2016**

Geometrical product specifications (GPS). Filtration. Robust profile filters: Gaussian regression filters

TPR/1

**ISO 16707:2016**

Ships and marine technology. Marine evacuation systems. Determination of capacity

SME/32

**ISO 16757-2:2016**

Data structures for electronic product catalogues for building services. Geometry

B/555

**ISO 16762:2016**

Graphic technology. Post-press. General requirements for transfer, handling and storage

PAI/43

**ISO 16845-1:2016**

Road vehicles. Controller area network (CAN) conformance test plan. Data link layer and physical signalling

AUE/16

**ISO 16847:2016**

Textiles. Test method for assessing the matting appearance of napped fabrics after cleansing

TCI/82

**ISO 16890-1:2016**

Air filters for general ventilation. Technical specifications, requirements and classification system based upon particulate matter efficiency (ePM)

MCE/21

**ISO 16923:2016**

Natural gas fuelling stations. CNG stations for fuelling vehicles

GSE/40

**ISO 16924:2016**

Natural gas fuelling stations. LNG stations for fuelling vehicles

GSE/40

**ISO 17034:2016**

General requirements for the competence of reference material producers

CAS/1

**ISO 17064:2016**

Wood-based panels. Fibreboard, particleboard and oriented strand board (OSB). Vocabulary

B/541

**ISO/TS 17466:2015**

Use of UV-Vis absorption spectroscopy in the characterization of cadmium chalcogenide colloidal quantum dots

NTI/1

**ISO 17488:2016**

Road vehicles. Transport information and control systems. Detection-response task (DRT) for assessing attentional effects of cognitive load in driving

AUE/12

**ISO 17540:2016**

Space systems. Liquid rocket engines and test stands. Terms and definitions

ACE/68

**ISO 17635:2016**

Non-destructive testing of welds. General rules for metallic materials

WEE/46

**ISO 17637:2016**

Non-destructive testing of welds. Visual testing of fusion-welded joints

WEE/46

**ISO 17638:2016**

Non-destructive testing of welds. Magnetic particle testing

WEE/46

**ISO 17666:2016**

Space systems. Risk management

ACE/68

**ISO 17776:2016**

Petroleum and natural gas industries. Offshore production installations. Major accident hazard management during the design of new installations

PSE/17/-6

**ISO/IEC 17839-3:2016**

Information technology. Identification cards. Biometric System-on-Card. Logical information interchange mechanism

IST/17

**ISO 17892-4:2016**

Geotechnical investigation and testing. Laboratory testing of soil. Determination of particle size distribution

B/526/3

**ISO 17987-6:2016**

Road vehicles. Local Interconnect Network (LIN). Protocol conformance test specification

AUE/16

**ISO 17987-7:2016**

Road vehicles. Local Interconnect Network (LIN). Electrical Physical Layer (EPL) conformance test specification

AUE/16



**ISO 18063-1:2016**

Rough-terrain trucks. Visibility. Test methods and their verification. Variable-reach trucks  
MHE/7

**ISO/TS 18178:2018**

Glass in building. Laminated solar photovoltaic glass for use in buildings  
B/520

**ISO 18189:2016**

Ophthalmic optics. Contact lenses and contact lens care products. Cytotoxicity testing of contact lenses in combination with lens care solution to evaluate lens/solution interactions  
CH/172/9

**ISO 18190:2016**

Anaesthetic and respiratory equipment. General requirements for airways and related equipment  
CH/121/5

**ISO 18203:2016**

Steel. Determination of the thickness of surface-hardened layers  
ISE/101/7

**ISO 18257:2016**

Space systems. Semiconductor integrated circuits for space applications. Design requirements  
ACE/68

**ISO 18300:2016**

Electrically propelled vehicles. Test specifications for lithium-ion battery systems combined with lead acid battery or capacitor  
PEL/69

**ISO/IEC 18305:2016**

Information technology. Real time locating systems. Test and evaluation of localization and tracking systems  
IST/34

**ISO/IEC 18328-3:2016**

Identification cards. ICC-managed devices. Organization, security and commands for interchange  
IST/17

**ISO/TS 18339:2015**

Endotherapy devices. Eyepiece cap and light guide connector  
CPW/172

**ISO/IEC 18367:2016**

Information technology. Security techniques. Cryptographic algorithms and security mechanisms conformance testing  
IST/33/3

**ISO/IEC 18370-1:2016**

Information technology. Security techniques. Blind digital signatures. General  
IST/33/2

**ISO 18375:2016**

Heavy commercial vehicles and buses. Test method for yaw stability. Sine with dwell test  
AUE/15

**ISO 18418-1:2016**

Gasoline engines. Medium pressure liquid fuel supply connections. 60° female cone connectors  
MCE/22

**ISO 18440:2016**

Space data and information transfer systems. Space link extension. Internet protocol for transfer services  
ACE/68

**ISO 18442:2016**

Space data and information transfer systems. Space link extension. Application program interface for return all frames service  
ACE/68

**ISO 18443:2016**

Space data and information transfer systems. Space link extension. Application program interface for return channel frames service  
ACE/68

**ISO 18444:2016**

Space data and information transfer systems. Space link extension. Application program interface for return operational control fields service  
ACE/68

**ISO 18445:2016**

Space data and information transfer systems. Space link extension. Application program interface for the forward CLTU service  
ACE/68

**ISO 18446:2016**

Space data and information transfer systems. Space link extension. Application program interface for the forward space packet service  
ACE/68

**ISO 18466:2016**

Stationary source emissions. Determination of the biogenic fraction in CO<sub>2</sub> in stack gas using the balance method  
EH/2/1

**ISO/IEC 18477-9:2016**

Information technology. Scalable compression and coding of continuous-tone still images. Alpha channel coding  
IST/37

**ISO 18522:2016**

Paper and board. Automated off-line testing of physical properties for CD (cross direction) profiles  
PAI/11

**ISO 18523-1:2016**

Energy performance of buildings. Schedule and condition of building, zone and space usage for energy calculation. Non-residential buildings  
B/540/8

**ISO 18616-1:2016**

Transport packaging. Reusable, rigid plastic distribution boxes. General purpose application  
PKW/0

**ISO 18616-2:2016**

Transport packaging. Reusable, rigid plastic distribution boxes. General specifications for testing  
PKW/0

**ISO 18674-2:2016**

Geotechnical investigation and testing. Geotechnical monitoring by field instrumentation. Measurement of displacements along a line: Extensometers  
B/526/3

**ISO 18682:2016**

Intelligent transport systems. External hazard detection and notification systems. Basic requirements  
EPL/278

**ISO 18828-2:2016**

Industrial automation systems and integration. Standardized procedures for production systems engineering. Reference process for seamless production planning  
AMT/4

**ISO 18846:2016**

Solid biofuels. Determination of fines content in samples of pellets  
PTI/17

**ISO 19030-1:2016**

Ships and marine technology. Measurement of changes in hull and propeller performance. General principles  
SME/32

**ISO 19030-2:2016**

Ships and marine technology. Measurement of changes in hull and propeller performance. Default method  
SME/32

**ISO 19030-3:2016**

Ships and marine technology. Measurement of changes in hull and propeller performance. Alternative methods  
SME/32

**ISO 19044:2016**

Test methods for fibre-reinforced cementitious composites. Load-displacement curve using notched specimen  
B/517

**ISO 19080:2016**

Intelligent transport systems. Communications access for land mobiles (CALM). CoAP facility  
EPL/278

**ISO 19110:2016**

Geographic information. Methodology for feature cataloguing  
IST/36

**ISO 19208:2016**

Framework for specifying performance in buildings  
CB/101

**ISO 19291:2016**

Lubricants. Determination of tribological quantities for oils and greases. Tribological test in the translatory oscillation apparatus  
PTI/13

**ISO 19354:2016**

Ships and marine technology. Marine cranes. General requirements  
SME/32

**ISO 19355:2016**

Ships and marine technology. Marine cranes. Structural requirements  
SME/32

**ISO 19357:2016**

Ships and marine technology. Marine cranes. Design requirements for low temperature operation  
SME/32

**ISO 19360:2016**

Ships and marine technology. Marine cranes. Technical requirements for rigging applications  
SME/32

**ISO 19364:2016**

Passenger cars. Vehicle dynamic simulation and validation. Steady-state circular driving behaviour  
AUE/15

**ISO 19487:2016**

Metallic and other inorganic coatings. Electrodeposited nickel-ceramics composite coatings  
STI/33

**ISO/IEC TS 19570:2018**

Programming Language. Technical Specification for C++ Extensions for Parallelism  
IST/5

**ISO/IEC 19592-1:2016**

Information technology. Security techniques. Secret sharing. General  
IST/33/2

**ISO 19598:2016**

Metallic coatings. Electroplated coatings of zinc and zinc alloys on iron or steel with supplementary Cr(VI)-free treatment  
STI/33

**ISO 19603:2016**

Fine ceramics (advanced ceramics, advanced technical ceramics). Test method for determining elastic modulus and bending strength of thick ceramic coatings  
RPI/13

**ISO/IEC TS 19608:2018**

Guidance for developing security and privacy functional requirements based on ISO/IEC 15408  
IST/33/3

**ISO 19689:2016**

Motorcycles and mopeds. Communication between vehicle and external equipment for diagnostics. Diagnostic connector and related electrical circuits, specification and use  
AUE/14

**ISO 19697:2016**

Ships and marine technology. Navigation and ship operations. Electronic inclinometers  
EPL/80

**ISO 19709-1:2016**

Transport packaging. Small load container systems. Common requirements and test methods  
PKW/0

**ISO/TS 19858:2015**

Forestry machines. Portable chainsaws. Test method for evaluating saw chain oil lubricity  
AGE/29

**ISO/IEC 10118-1:2016**

Information technology. Security techniques. Hash-functions. General  
IST/33/2

**ISO 20251:2016**

Textile floor coverings. Water impermeability test  
PRI/3

**ISO 20253:2016**

Textile floor coverings. Blade test. Flocked textile floor covering  
PRI/3

**ISO 20326:2016**

Resilient floor coverings. Specification for floor panels/assembly for loose laying  
PRI/60

**ISO 20581:2016**

Workplace air. General requirements for the performance of procedures for the measurement of chemical agents  
EH/2/2

**ISO/IEC 20802-1:2016**

Information technology. Open data protocol (OData) v4.0. Core  
ICT/1

**ISO/IEC 20802-2:2016**

Information technology. Open data protocol (OData) v4.0. OData JSON Format  
ICT/1

**ISO 20957-4:2016**

Stationary training equipment. Strength training benches, additional specific safety requirements and test methods  
SW/136/4

**ISO 20957-5:2016**

Stationary training equipment. Stationary exercise bicycles and upper body crank training equipment, additional specific safety requirements and test methods  
SW/136/4

**ISO 20957-9:2016**

Stationary training equipment. Elliptical trainers, additional specific safety requirements and test methods  
SW/136/4

**ISO/IEC 21000-20:2016**

Information technology. Multimedia framework (MPEG-21). Contract Expression Language  
IST/37

**ISO 21067-1:2016**

Packaging. Vocabulary. General terms  
PKW/0

**ISO 21323:2016**

Space data and information transfer systems. CCSDS Bundle protocol specification  
ACE/68

**ISO 21324:2016**

Space data and information transfer systems. Space data link security protocol  
ACE/68

**ISO/TS 21476:2018**

Road vehicles. Displacement calibration method of IR-TRACC devices  
AUE/7

**ISO 21549-7:2016**

Health informatics. Patient healthcard data. Medication data  
IST/35

**ISO 22197-1:2016**

Fine ceramics (advanced ceramics, advanced technical ceramics). Test method for air-purification performance of semiconducting photocatalytic materials. Removal of nitric oxide  
RPI/13

**ISO 22262-3:2016**

Air quality. Bulk materials. Quantitative determination of asbestos by X-ray diffraction method

EH/2/3

**ISO 22316:2017**

Security and resilience. Organizational resilience. Principles and attributes

CAR/1

**ISO 22325:2016**

Security and resilience. Emergency management. Guidelines for capability assessment

SSM/11-/B3

**ISO 22489:2016**

Microbeam analysis. Electron probe microanalysis. Quantitative point analysis for bulk specimens using wavelength dispersive X-ray spectroscopy

CII/9

**ISO 22645:2016**

Space data and information transfer systems. TM (telemetry) space data link protocol

ACE/68

**ISO 22664:2016**

Space data and information transfer systems. TC (telecommand) space data link protocol

ACE/68

**ISO 22666:2016**

Space data and information transfer systems. AOS (advanced orbiting systems) space data link protocol

ACE/68

**ISO 22765:2016**

Nuclear fuel technology. Sintered (U,Pu)O<sub>2</sub> pellets. Guidance for ceramographic preparation for microstructure examination

NCE/9

**ISO/TS 22835:2018**

Health informatics. Information model of combination of decoction pieces in Chinese medicines

IST/35

**ISO 22870:2016**

Point-of-care testing (POCT). Requirements for quality and competence

CH/212

**ISO 22879:2016**

Castors and wheels. Requirements for castors for furniture

MHE/7-/1

**ISO 22880:2016**

Castors and wheels. Requirements for castors for swivel chairs

MHE/7-/1

**ISO 22882:2016**

Castors and wheels. Requirements for castors for hospital beds

MHE/7-/1

**ISO 23509:2016**

Bevel and hypoid gear geometry

MCE/5

**ISO 23748:2016**

Aerospace series. O-ring grooves. Dimensions

ACE/69

**ISO/IEC 23006-2:2016**

Information technology. Multimedia service platform technologies. MPEG extensible middleware (MXM) API

IST/37

**ISO/IEC 23006-3:2016**

Information technology. Multimedia service platform technologies. Conformance and reference software

IST/37

**ISO 24431:2016**

Gas cylinders. Seamless, welded and composite cylinders for compressed and liquefied gases (excluding acetylene). Inspection at time of filling

PVE/3/7

**ISO 24516-1:2016**

Guidelines for the management of assets of water supply and wastewater systems. Drinking water distribution networks

CB/503

**ISO 24617-8:2016**

Language resource management. Semantic annotation framework (SemAF). Semantic relations in discourse, core annotation schema (DR-core)

TS/1

**ISO/TR 25901-1:2016**

Welding and allied processes. Vocabulary. General terms

WEE/1

**ISO/TR 25901-3:2016**

Welding and allied processes. Vocabulary. Welding processes

WEE/1

**ISO/TR 25901-4:2016**

Welding and allied processes. Vocabulary. Arc welding

WEE/1

**ISO/IEC 26557:2016**

Software and systems engineering. Methods and tools for variability mechanisms in software and systems product line

IST/15

**ISO/IEC 27000:2018**

Information technology. Security techniques. Information security management systems. Overview and vocabulary

IST/33/1

**ISO/IEC 27034-6:2016**

Information technology. Security techniques. Application security. Case studies

IST/33/4

**ISO 27769:2016**

Wood-based panels. Wet process fibreboard

B/541

**ISO 27913:2016**

Carbon dioxide capture, transportation and geological storage. Pipeline transportation systems

PSE/265

**ISO/IEC 27004:2016**

Information technology. Security techniques. Information security management. Monitoring, measurement, analysis and evaluation

IST/33/1

**ISO/TS 28038:2018**

Determination and use of polynomial calibration functions

SS/6

**ISO/IEC 29110-3-3:2016**

Systems and software engineering. Lifecycle profiles for Very Small Enterprises (VSEs). Certification requirements for conformity assessments of VSE profiles using process assessment and maturity models

IST/15

**ISO/IEC 29155-4:2016**

Systems and software engineering. Information technology project performance benchmarking framework. Guidance for data collection and maintenance

IST/15

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

**ISO/IEC 29500-1:2016**

Information technology. Document description and processing languages. Office Open XML File Formats. Fundamentals and Markup Language Reference

IST/41

**ISO/IEC 29500-4:2016**

Information technology. Document description and processing languages. Office Open XML File Formats. Transitional Migration Features

IST/41

**ISO 29945:2016**

Refrigerated non-petroleum based liquefied gaseous fuels. Dimethylether (DME). Method of manual sampling onshore terminals

PTI/12

**ISO/IEC 33071:2016**

Information technology. Process assessment. An integrated process capability assessment model for Enterprise processes

ICT/1

**ISO 37100:2016**

Sustainable cities and communities. Vocabulary

SDS/2

**ISO 37001:2016**

Anti-bribery management systems. Requirements with guidance for use

G/1

**ISO/IEC 30116:2016**

Information technology. Automatic identification and data capture techniques. Optical Character Recognition (OCR) quality testing

IST/34

**PD ISO/TS 17929:2014**

Biomechanical effects on amusement ride passengers

MCE/3/4

**NEW WORK STARTED**

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

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

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

**BSI Flex 1890 v4**

Connected and automated vehicles. Vocabulary

will supersede None

ZZ/4

**EN WI 00205368**

Respiratory infection prevention devices for self- and third party protection. Requirements for different performance classes and test methods

will supersede None

CH/205/1

**EN ISO 293**

Plastics. Compression moulding of test specimens of thermoplastic materials

will supersede BS EN ISO 293:2005

PRI/82

**EN ISO 374-6**

Protective gloves against dangerous chemicals and micro-organisms. Protective gloves for hairdressers

will supersede None

PH/3

**EN 415-8**

Safety of packaging machines. Strapping machines

will supersede None

MCE/3/3

**EN ISO 888**

Fasteners. Bolts, screws and studs. Nominal lengths and thread lengths

will supersede BS EN ISO 888:2018

FME/9

**EN ISO/IEC 7811-9**

Identification cards. Recording technique. Tactile identifier mark

will supersede None

IST/17

**EN ISO/IEC 9594-12**

Information technology. Open systems interconnection. The Directory. Public key infrastructure establishment and maintenance

will supersede None

IST/6

**EN ISO/IEC 10373-1:2020/A1**

Cards and security devices for personal identification. Test methods. General characteristics

will supersede None

IST/17

**EN ISO/IEC 10373-6**

Cards and security devices for personal identification. Test methods. Contactless proximity objects

will supersede None

IST/17

**EN ISO/IEC 12113**

Information technology. Runtime 3D asset delivery format. Khronos glTF 2.0

will supersede None

ICT/1

**EN ISO/IEC 17839-2**

Information technology. Biometric System-on-Card. Physical characteristics

will supersede None

IST/17

**EN ISO/IEC 18584-1**

Information technology. Identification cards conformance test requirements for on-card biometric comparison applications. General principles and specifications

will supersede None

IST/17

**EN ISO/IEC 18584-2**

Information technology. Identification cards conformance test requirements for on-card biometric comparison applications. Work-sharing mechanism

will supersede None

IST/17

**EN ISO/IEC 18013-2:2020/A1**

Personal identification. ISO-compliant driving licence. Machine-readable technologies

will supersede None

IST/17

**EN ISO/IEC 18013-3:2017/A2**

Information technology. Personal identification. ISO-compliant driving licence. Access control, authentication and integrity validation

will supersede None

IST/17

**EN ISO/IEC 24787-1**

Information technology. Identification cards on-card biometric comparison. General principles and specifications

will supersede None

IST/17

**EN ISO/IEC 24787-2**

Information technology. Identification cards on-card biometric comparison. Work-sharing mechanism

will supersede None

IST/17

**EN IEC 60966-3**

Radio frequency and coaxial cable assemblies. Sectional specification for semi-flexible coaxial cable assemblies

will supersede None

EPL/46

**EN IEC 60966-3-1**

Radio frequency and coaxial cable assemblies. Blank detail specification for semi-flexible coaxial cable assemblies

will supersede None

EPL/46



**EN IEC 60966-4**

Radio frequency and coaxial cable assemblies. Sectional specification for semi-rigid coaxial cable assemblies

will supersede None

EPL/46

**EN IEC 61810-7-8**

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

will supersede None

EPL/94

**EN IEC 61810-7-48**

All-or-nothing electrical relays. Tests and Measurements. Contact reliability test

will supersede None

EPL/94

**EN IEC 61810-7-49**

All-or-nothing electrical relays. Tests and Measurements. Long term stability of sealing

will supersede None

EPL/94

**EN IEC 61810-7-50**

All-or-nothing electrical relays. Tests and Measurements. Momentary drop in supply voltage

will supersede None

EPL/94

**EN IEC 61810-7-52**

All-or-nothing electrical relays. Tests and Measurements. Coil overvoltage

will supersede None

EPL/94

**EN IEC 62648**

Graphical symbols for use on equipment. Guidelines for the inclusion of graphical symbols in IEC publications

will supersede None

GEL/3

**EN XXX**

Furniture. Circularity. Requirement and evaluation tools for dis/re-assembly

will supersede None

FW/0

**EN XXX**

Leather. Chemicals- Quality control

will supersede None

TCI/69

**EN XXX**

Antimicrobial wound dressings. Requirements and test methods

will supersede None

CH/205/1

**EN XXX-1**

Carrier cycles. Terms and definitions

will supersede None

GME/25

**EN XXX-2**

Carrier Cycles. Lightweight single track carrier cycles. Mechanical aspects

will supersede None

GME/25

**EN XXX-3**

Carrier Cycles. Lightweight multi track carrier cycles. Mechanical aspects

will supersede None

GME/25

**EN ISO 1135-4**

Transfusion equipment for medical use. Transfusion sets for single use, gravity feed

will supersede BS EN ISO 1135-4:2015

CH/212

**EN ISO 1135-5**

Transfusion equipment for medical use. Transfusion sets for single use with pressure infusion apparatus

will supersede BS EN ISO 1135-5:2015

CH/212

**EN 1396**

Aluminium and aluminium alloys. Coil coated sheet and strip for general applications. Specifications

will supersede None

NFE/35

**EN ISO 1401**

Rubber hoses for agricultural spraying

will supersede None

PRU/66

**EN ISO 1675**

Plastics. Liquid resins. Determination of density by the pycnometer method

will supersede None

PRU/21

**EN ISO 2398**

Rubber hoses, textile-reinforced, for compressed air. Specification

will supersede None

PRU/66

**EN ISO 3262-5**

Extenders for paints. Specifications and methods of test. Natural crystalline calcium carbonate

will supersede BS EN ISO 3262-5:1998 (R05)

STI/1

**EN ISO 3262-6**

Extenders. Specifications and methods of test. Precipitated calcium carbonate

will supersede None

STI/1

**EN ISO 3262-7**

Extenders for paints. Specifications and methods of test. Dolomite

will supersede BS EN ISO 3262-7:1998 (R05)

STI/1

**EN ISO 3262-8**

Extenders for paints. Specifications and methods of test. Natural clay

will supersede BS EN ISO 3262-8:2000

STI/1

**EN ISO 3262-9**

Extenders for paints. Specifications and methods of test. Calcined clay

will supersede BS EN ISO 3262-9:1998 (R05)

STI/1

**EN ISO 3262-13**

Extenders for paints. Specifications and methods of test. Natural quartz (ground)

will supersede BS EN ISO 3262-13:1998 (R05)

STI/1

**EN ISO 3262-14**

Extenders for paints. Specifications and methods of test. Cristobalite

will supersede BS EN ISO 3262-14:2000

STI/1

**EN ISO 3262-15**

Extenders for paints. Specifications and methods of test. Vitreous silica

will supersede BS EN ISO 3262-15:2000

STI/1

**EN ISO 3262-16**

Extenders for paints. Specifications and methods of test. Aluminium hydroxides

will supersede BS EN ISO 3262-16:2000

STI/1

**EN ISO 3262-18**

Extenders for paints. Specifications and methods of test. Precipitated sodium aluminium silicate

will supersede BS EN ISO 3262-18:2000

STI/1

**EN ISO 3262-21**

Extenders for paints. Specifications and methods of test. Silica sand (unground natural quartz)

will supersede BS EN ISO 3262-21:2000

STI/1

**EN ISO 3506-3**

Mechanical properties of corrosion-resistant stainless steel fasteners. Set screws and similar fasteners not under tensile stress

will supersede BS EN ISO 3506-3:2009

FME/9

**EN ISO 3506-4**

Mechanical properties of corrosion-resistant stainless steel fasteners. Tapping screws

will supersede BS EN ISO 3506-4:2009

FME/9

**EN 4165-023**

Aerospace series. Connectors, electrical, rectangular, modular. Operating temperature 175 °C continuous. Tooling for assembly of receptacle coding component. Product standard will supersede None  
ACE/6

**EN 4165-024**

Aerospace series. Connectors, electrical, rectangular, modular. Operating temperature 175 °C continuous. Single module plug. Product standard will supersede None  
ACE/6

**EN 4165-025**

Aerospace series. Connectors, electrical, rectangular, modular. Operating temperature 175 °C continuous. Module receptacle. Product Standard will supersede None  
ACE/6

**EN 4165-016**

Aerospace series. Connectors, electrical, rectangular, modular. Operating temperature 175 °C continuous. Double oval chimney for accessory (1 per 2 modules). Product standard will supersede None  
ACE/6

**EN 4165-013**

Aerospace series. Connectors, electrical, rectangular, modular. Operating temperature 175 °C continuous. Cable clamp 2 and 4 modules for connectors, series 2 and series 3. Product standard will supersede None  
ACE/6

**EN 4165-017**

Aerospace series. Connectors, electrical, rectangular, modular. Operating temperature 175 °C continuous. Blank chimney for accessory (1 per module cavity). Product standard will supersede None  
ACE/6

**EN 4500-003**

Aerospace series. Metallic materials. Rules for drafting and presentation of material standards. Specific rules for heat resisting alloys will supersede None  
ACE/61

**EN 4500-001**

Aerospace series. Metallic materials. Rules for drafting and presentation of material standards. General rules will supersede None  
ACE/61

**EN 4500-005**

Aerospace series. Metallic materials. Rules for drafting and presentation of material standards. Specific rules for steels will supersede None  
ACE/61

**EN 4500-004**

Aerospace series. Metallic materials. Rules for drafting and presentation of material standards. Specific rules for titanium and titanium alloys will supersede None  
ACE/61

**EN 4500-002**

Aerospace series. Metallic materials. Rules for drafting and presentation of material standards. Specific rules for aluminium, aluminium alloys and magnesium alloys will supersede None  
ACE/61

**EN ISO 4545-1**

Metallic materials. Knoop hardness test. Test method will supersede BS EN ISO 4545-1:2018  
ISE/101/5

**EN ISO 4641**

Rubber hoses and hose assemblies for water suction and discharge. Specification will supersede None  
PRI/66

**EN 4877-002**

Aerospace series. Filler metals for welding. Authorized filler metals will supersede None  
ACE/61

**EN 4877-001**

Aerospace series. Filler metals for welding. Technical specification will supersede None  
ACE/61

**EN 4008-020**

Aerospace series. Elements of electrical and optical connection. Crimping tools and associated accessories. Positioner for crimping tool M22520/2-01 Product standard will supersede None  
ACE/6

**EN ISO 5771**

Rubber hoses and hose assemblies for transferring anhydrous ammonia. Specification will supersede None  
PRI/66

**EN ISO 5774**

Plastics hoses. Textile-reinforced types for compressed-air applications. Specification will supersede None  
PRI/66

**EN ISO 5832-1**

Implants for surgery. Metallic materials. Wrought stainless steel will supersede BS EN ISO 5832-1:2019  
CH/150/1

**EN ISO 5832-7**

Implants for surgery. Metallic materials. Forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy will supersede BS EN ISO 5832-7:2019  
CH/150/1

**EN ISO 6186**

Plastics. Determination of pourability will supersede None  
PRI/21

**EN ISO 6224**

Thermoplastics hoses, textile-reinforced, for general-purpose water applications. Specification will supersede None  
PRI/66

**EN ISO 6401**

Plastics. Poly(vinyl chloride). Determination of residual vinyl chloride monomer. Gas-chromatographic method will supersede None  
PRI/21

**EN ISO 6506-1**

Metallic materials. Brinell hardness test. Test method will supersede BS EN ISO 6506-1:2014  
ISE/101/5

**EN ISO 6506-2**

Metallic materials. Brinell hardness test. Verification and calibration of testing machines will supersede BS EN ISO 6506-2:2014  
ISE/101/5

**EN ISO 6506-3**

Metallic materials. Brinell hardness test. Calibration of reference blocks will supersede BS EN ISO 6506-3:2014  
ISE/101/5

**EN ISO 6507-1**

Metallic materials. Vickers hardness test. Test method will supersede BS EN ISO 6507-1:2018  
ISE/101/5

**EN ISO 6508-3**

Metallic materials. Rockwell hardness test. Calibration of reference blocks will supersede BS EN ISO 6508-3:2015  
ISE/101/5

**EN ISO 6909**

Machine tools Safety. Press brakes will supersede None  
MTE/1/1

**EN ISO 7889**

Yogurt. Enumeration of characteristic microorganisms. Colony-count technique will supersede BS ISO 7889:2003  
AW/5

**EN 9104-3**

Aerospace series. Quality management systems. Requirements for Aviation, Space, and Defence Auditor Training, Development, Competence, and Authentication

will supersede None

ACE/1

**EN ISO 9324**

Railway applications. General rules for rolling stock gauges in international railway traffic

will supersede None

RAE/4

**EN ISO 9351**

Galvanic anodes for cathodic protection in seawater and saline mud

will supersede None

ISENFE/8

**EN ISO 9012**

Gas welding equipment. Air-aspirated hand blowpipes. Specifications and tests

will supersede BS EN ISO 9012:2011

WEE/18

**EN 10204**

Metallic products. Types of inspection documents

will supersede None

ISE/100

**EN ISO 10991**

Micro process engineering. Vocabulary

will supersede None

LBI/1/2

**EN ISO 11357-1**

Plastics. Differential scanning calorimetry (DSC). General principles

will supersede None

PRI/21

**EN ISO 12736-1**

Petroleum and natural gas industries. Wet thermal insulation systems for pipelines and subsea equipment. Validation of materials and insulation systems

will supersede BS EN ISO 12736:2014

PSE/17/2

**EN ISO 12736-2**

Petroleum and natural gas industries. Wet thermal insulation systems for pipelines and subsea equipment. Qualification processes for production and application procedures

will supersede BS EN ISO 12736:2014

PSE/17/2

**EN ISO 12736-3**

Petroleum and natural gas industries. Wet thermal insulation systems for pipelines and subsea equipment. Interfaces between systems, field joint system, field repairs and prefabricated insulation

will supersede BS EN ISO 12736:2014

PSE/17/2

**EN 12758:2019/A1**

Glass in building. Glazing and airborne sound insulation. Product descriptions, determination of properties and extension rules

will supersede None

B/520

**EN 13123-1**

Windows, doors and shutters. Explosion resistance. Requirements and classification. Shock tube

will supersede None

B/538/1

**EN 13124-1**

Windows, doors and shutters. Explosion resistance. Test method. Shock tube

will supersede None

B/538/1

**EN ISO 13132**

Laboratory glassware. Petri dishes

will supersede None

LBI/1/2

**EN 13200-4**

Spectator facilities. Seats. Product characteristics

will supersede None

B/552

**EN 13274-7:2019/A1**

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

will supersede None

PH/4

**EN ISO 14245:2021/A1**

Gas cylinders. Specifications and testing of LPG cylinder valves. Self-closing

will supersede BS EN ISO 14245:2021

PVE/3/1

**EN ISO 14356**

Dentistry. Duplicating material

will supersede BS EN ISO 14356:2003

CH/106/2

**EN 14366-1**

Laboratory measurement of airborne and structure-borne sound from service equipment. Application rules for waste water installations

will supersede None

EH/1/6

**EN ISO 14456**

Gas cylinders. Gas properties and associated classification (FTSC) codes

will supersede BS EN ISO 14456:2016+A1:2019

PVE/3/1

**EN 14499**

Textile floor coverings. Minimum requirements for carpet underlays

will supersede None

PRI/3

**EN 15194:2017/A2**

Cycles. Electrically power assisted cycles. EPAC Bicycles

will supersede None

GME/25

**EN 15195**

Liquid petroleum products. Determination of ignition delay and derived cetane number (DCN) of middle distillate fuels by combustion in a constant volume chamber

will supersede None

PTI/2

**EN ISO 15382**

Radiological protection. Procedures for monitoring the dose to the lens of the eye, the skin and the extremities

will supersede BS EN ISO 15382:2017

NCE/2

**EN ISO 15854**

Dentistry. Casting and baseplate waxes

will supersede BS EN ISO 15854:2021

CH/106/2

**EN ISO 15995:2021/A1**

Gas cylinders. Specifications and testing of LPG cylinder valves. Manually operated

will supersede BS EN ISO 15995:2021

PVE/3/1

**EN 16056**

Influence of metallic materials on water intended for human consumption. Method to evaluate the passive behaviour of stainless steels and other passive alloys

will supersede None

EH/6

**EN ISO 16140-4:2020/A1**

Microbiology of the food chain. Method validation. Protocol for method validation in a single laboratory

will supersede BS EN ISO 16140-4:2020

AW/9

**EN 16687**

Construction products. Assessment of release of dangerous substances. Terminology

will supersede None

B/557

**EN 16905-4**

Gas-fired endothermic engine driven heat pumps. Test methods

will supersede None

GSE/37

**EN ISO 17099**

Radiological protection. Performance criteria for laboratories using the cytokinesis block micronucleus (CBMN) assay in peripheral bloodlymphocytes for biological dosimetry

will supersede BS EN ISO 17099:2017

NCE/2

**EN ISO 17225-8**

Solid biofuels. Fuel specifications and classes. Graded thermally treated and densified biomass fuels

will supersede PD ISO/TS 17225-8:2016

PTI/17

**EN 17306**

Liquid petroleum products. Determination of distillation characteristics at atmospheric pressure. Micro-distillation

will supersede None

PTI/13

**EN 17818**

Devices for in-situ generation of biocides. Active chlorine generated from sodium chloride by electrolysis

will supersede None

B/504/-/13

**EN 17821**

Frost resistant outdoor taps for outdoor use. general technical specification

will supersede None

B/504/-/14

**EN 17822**

Forestry machinery. Requirements for sling gear and deflection pulleys for forestal hauling operations

will supersede None

AGE/6

**EN ISO 17829**

Solid Biofuels. Determination of length and diameter of pellets

will supersede BS EN ISO 17829:2015

PTI/17

**EN ISO 17855-2**

Plastics. Polyethylene (PE) moulding and extrusion materials. Preparation of test specimens and determination of properties

will supersede BS EN ISO 17855-2:2016

PRI/82

**EN ISO 18314-3**

Analytical colorimetry. Special indices

will supersede None

STI/1

**EN ISO 19069-2**

Plastics. Polypropylene (PP) moulding and extrusion materials. Preparation of test specimens and determination of properties

will supersede BS EN ISO 19069-2:2016

PRI/82

**EN 10021**

General technical delivery conditions for steel products

will supersede None

ISE/100

**EN 10051**

Continuously hot-rolled strip and plate/sheet cut from wide strip of non-alloy and alloy steels. Tolerances on dimensions and shape

will supersede None

ISE/103

**EN 10168**

Steel products. Inspection documents. List of information and description

will supersede None

ISE/100

**EN ISO 20553**

Radiation protection. Monitoring of workers occupationally exposed to a risk of internal contamination with radioactive material

will supersede BS EN ISO 20553:2017

NCE/2

**EN ISO 21068-1**

Chemical analysis of raw materials and refractory products containing silicon carbide, silicon nitride, silicon oxynitride and sialon. General information and sample preparation

will supersede None

RPI/1

**EN ISO 21068-2**

Chemical analysis of raw materials and refractory products containing silicon carbide, silicon nitride, silicon oxynitride and sialon. Determination of loss on ignition, total carbon, free carbon and silicon carbide, total and free silica an

will supersede None

RPI/1

**EN ISO 21068-3**

Chemical analysis of raw materials and refractory products containing silicon carbide, silicon nitride, silicon oxynitride and sialon. Determination of nitrogen, oxygen and metallic and oxidic constituents

will supersede None

RPI/1

**EN ISO 21068-4**

Chemical analysis of raw materials and refractory products containing silicon carbide, silicon nitride, silicon oxynitride and sialon. XRD methods

will supersede None

RPI/1

**EN ISO 21068-5**

Chemical analysis of raw materials and refractory products containing silicon carbide, silicon nitride, silicon oxynitride and sialon. XRF methods

will supersede None

RPI/1

**EN ISO 22036**

Soil, treated biowaste and sludge. Determination of trace elements in extracts of soil by inductively coupled plasma. atomic emission spectrometry (ICP. OES)

will supersede None

EH/4

**EN ISO 23555-3**

Gas pressure safety and control devices for use in gas transmission, distribution and installations for inlet pressures up to and including 10 MPa. Safety shut-off devices

will supersede None

GSE/22

**EN ISO 25119-1:202X/A1**

Tractors and machinery for agriculture and forestry. Safety-related parts of control systems. General principles for design and development

will supersede None

AGE/6

**EN ISO 26986:2010/A1**

Resilient floor coverings. Expanded (cushioned) poly(vinyl chloride) floor covering. Specification

will supersede BS EN ISO 26986:2012

PRI/60

**EN ISO 20140-5**

Automation systems and integration. Evaluating energy efficiency and other factors of manufacturing systems that influence the environment. Environmental performance evaluation data

will supersede None

AMT/5

**EN 50723**

Measurement method for assessing the compatibility of induction hob and cookware

will supersede None

CPL/59

**EN 50726**

Emergency and danger Systems. Emergency- and danger-response-systems. Basic requirements, duties, responsibilities and activities

will supersede None

GW/1

**EN ISO 50005**

Energy management systems. Guidelines for a phased implementation

will supersede None

SEM/1

**EN 60228**

Conductors of insulated cables

will supersede BS EN 60228:2005

GEL/20/16

**EN 60317-93**

Specifications for particular types of winding wires. Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular copper wire; class 220

will supersede None

L/-/99



**EN 60335-2-104**

Household and similar electrical appliances. Safety. Particular requirements for appliances to recover and/or recycle refrigerant from air conditioning and refrigeration equipment

will supersede None

CPL/61/4

**EN 60335-2-122**

Household and similar electrical appliances. Safety Particular requirements for commercial electric washing machines

will supersede BS EN 50571:2013+A1:2018

CPL/61

**EN 60502-2/A1**

Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1, 2 kV) up to 30 kV (Um = 36 kV). ) Cables for rated voltages from 6 kV (Um = 7, 2 kV) up to 30 kV (Um = 36 kV

will supersede None

GEL/20/16

**EN 60601-2-43**

Medical electrical equipment. Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures

will supersede BS EN 60601-2-43:2010+A2:2020

CH/62/2

**EN 60730-1:2016/AA**

Automatic electrical controls. General requirements

will supersede None

CPL/72

**EN 60730-2-25**

Automatic electrical controls. Particular requirements for current sensing controls

will supersede None

CPL/72

**EN 60966-2-1**

Radio frequency and coaxial cable assemblies. Sectional specification for flexible coaxial cable assemblies

will supersede None

EPL/46

**EN 60966-2-2**

Radio frequency and coaxial cable assemblies. Blank detail specification for flexible coaxial cable assemblies

will supersede None

EPL/46

**EN 60966-4-1**

Radio frequency and coaxial cable assemblies. Blank detail specification for semi-rigid coaxial cable assemblies

will supersede None

EPL/46

**EN 61000-4-29**

Electromagnetic compatibility (EMC). Testing and measurement techniques. Voltage dips; short interruptions and voltage variations on d.c. input power port immunity tests

will supersede None

GEL/210

**EN 61000-4-30**

Electromagnetic compatibility (EMC). Testing and measurement techniques. Power quality measurement methods

will supersede None

GEL/210

**EN 61000-5-6**

Electromagnetic Compatibility (EMC). Installation and mitigation guidelines. Mitigation of external EM influences

will supersede None

GEL/210

**EN 61010-1:2010+A1:2019/A2**

Safety requirements for electrical equipment for measurement; control; and laboratory use. General requirements

will supersede None

EPL/66

**EN 61095 Ed 3.0**

Electromechanical contactors for household and similar purposes

will supersede BS EN 61095:2009

PEL/121/1

**EN 61683**

Photovoltaic systems. Power conditioners. Procedure for measuring efficiency

will supersede None

GEL/82

**EN 61810-7-2**

All-or-nothing electrical relays. Tests and Measurements. Mechanical tests and weighing

will supersede None

EPL/94

**EN 61810-7-5**

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

will supersede None

EPL/94

**EN 61810-7-35**

All-or-nothing electrical relays. Tests and Measurements. Resistance to cleaning solvents

will supersede None

EPL/94

**EN 61810-7-36**

All-or-nothing electrical relays. Tests and Measurements. Fire hazard

will supersede None

EPL/94

**EN 61810-7-39**

All-or-nothing electrical relays. Tests and Measurements. Insertion and withdrawal force (mating relay and socket)

will supersede None

EPL/94

**EN 61869-9:2019/A1**

Instrument transformers. Digital interface for instrument transformers

will supersede BS EN IEC 61869-9:2019

PEL/38

**EN 61892-1**

Mobile and fixed offshore units. Electrical installations. General requirements and conditions

will supersede None

JPEL/18

**EN 61892-2**

Mobile and fixed offshore units. Electrical installations. System design

will supersede None

JPEL/18

**EN 61892-3**

Mobile and fixed offshore units. Electrical installations. Equipment

will supersede None

JPEL/18

**EN 61892-4**

Mobile and fixed offshore units. Electrical installations. Cables

will supersede None

JPEL/18

**EN 61892-5**

Mobile and fixed offshore units. Electrical installations. Mobile units

will supersede None

JPEL/18

**EN 61892-6**

Mobile and fixed offshore units. Electrical installations. Installation

will supersede None

JPEL/18

**EN 61892-7**

Mobile and fixed offshore units. Electrical installations. Hazardous areas

will supersede None

JPEL/18

**EN 62116**

Utility-interconnected photovoltaic inverters. Test procedure of islanding prevention measures

will supersede None

GEL/82

**EN 62149-12**

Fibre optic active components and devices. Performance standards. Distributed feedback laser diode device for analogue radio over fibre systems

will supersede None  
GEL/86/3

**EN 62281:2017/A2**

Safety of primary and secondary lithium cells and batteries during transport

will supersede BS EN IEC 62281:2019+A1:2021  
CPL/35

**EN 62282-8-201**

Fuel cell technologies. Energy storage systems using fuel cell modules in reverse mode. Test procedures for the performance of power-to-power systems

will supersede BS EN IEC 62282-8-201:2020  
GEL/105

**EN 62488-1**

Power line communication systems for power utility applications. Planning of analogue and digital power line carrier systems operating over EHV/HV/MV electricity grids

will supersede BS EN 62488-1:2013  
PEL/57

**EN 62629-62-12**

3D Display Devices. Measurement methods for virtual-image type. Image Quality

will supersede None  
EPL/47

**EN 62688**

Concentrator photovoltaic (CPV) modules and assemblies. Safety qualification

will supersede None  
GEL/82

**EN 62769-1**

Field Device Integration (FDI). Overview

will supersede None  
GEL/65/5

**EN 62769-2**

Field Device Integration (FDI). FDI Client

will supersede None  
GEL/65/5

**EN 62769-3**

Field Device Integration (FDI). Server

will supersede None  
GEL/65/5

**EN 62769-4**

Field Device Integration (FDI). FDI Packages

will supersede None  
GEL/65/5

**EN 62769-5**

Field Device Integration (FDI). Information Model

will supersede None  
GEL/65/5

**EN 62769-7**

Field Device Integration (FDI). Communication Devices

will supersede None  
GEL/65/5

**EN 62769-8**

Field Device Integration (FDI). EDD to OPC-UA Mapping

will supersede None  
GEL/65/5

**EN 62769-100**

Field device integration (FDI). Profiles. Generic protocols

will supersede None  
GEL/65/5

**EN 62769-101-1**

Field device Integration (FDI). Profiles. Foundation Fieldbus H1

will supersede None  
GEL/65/5

**EN 62769-101-2**

Field Device Integration (FDI). Profiles. Foundation Fieldbus HSE

will supersede None  
GEL/65/5

**EN 62769-102-2**

Field Device Integration(FDI). Profiles. EtherNet/IP

will supersede None  
GEL/65/5

**EN 62769-103-1**

Field Device Integration (FDI). Profiles. PROFIBUS

will supersede None  
GEL/65/5

**EN 62769-103-4**

Field Device Integration (FDI). Profiles. PROFINET

will supersede None  
GEL/65/5

**EN 62769-109-1**

Field device integration (FDI). Profiles. HART® and WirelessHART®

will supersede None  
GEL/65/5

**EN 62769-150-1**

Field device integration (FDI). Profiles. ISA100 WIRELESS

will supersede None  
GEL/65/5

**EN 62769-151-1**

Field Device Integration (FDI). Profiles. OPC UA

will supersede None  
GEL/65/5

**EN 62894**

Photovoltaic inverters. Data sheet and name plate

will supersede None  
GEL/82

**EN 62899-401**

Printed electronics. Printability. Overview

will supersede BS IEC 62899-401:2017  
AMT/9

**EN 63418**

Fixed accessories intended for household and similar purposes that supply power through an interface

will supersede None  
PEL/23

**EN 60086-4**

Primary batteries. Safety of lithium batteries

will supersede BS EN IEC 60086-4:2019  
CPL/35

**EN 60068-2-14**

Environmental testing. Tests. Test N; Change of temperature

will supersede BS EN 60068-2-14:2009  
GEL/104

**EN 60079-0**

Explosive atmospheres. Equipment. General requirements

will supersede None  
EXL/31

**EN 60079-1**

Explosive atmospheres. Equipment protection by flameproof enclosures d

will supersede None  
EXL/31

**EN 60079-5:2015/A1**

Explosive atmospheres. Equipment protection by powder filling q

will supersede None  
EXL/31

**EN 60079-32-2**

Explosive atmospheres. Electrostatics hazards. Tests

will supersede None  
EXL/31

**EN 60079-42**

Explosive atmospheres. Electrical safety devices for the control of potential ignition sources for Ex-Equipment

will supersede None  
EXL/31

**EN 60079-46**

Explosive atmospheres. Equipment assemblies

will supersede None  
EXL/31

**HD 60269-3**

Low-voltage fuses. Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household or similar applications). Examples of standardized systems of fuses A to F

will supersede BS HD 60269-3:2013/A2

PEL/32

**ISO 171**

Plastics. Determination of bulk factor of moulding materials

will supersede None

PRI/21

**ISO 249:2016/A1**

Rubber, raw natural. Determination of dirt content

will supersede BS ISO 249:2016

PRI/50

**ISO 404:2013/A1**

Steel and steel products. General technical delivery requirements

will supersede None

ISE/100

**ISO 817**

Refrigerants. Designation and safety classification

will supersede BS ISO 817:2014+A2:2021

RHE/18

**ISO 1138**

Rubber compounding ingredients. Carbon black. Determination of sulfur content

will supersede BS ISO 1138:2007+A1:2012

PRI/50

**ISO 3136**

Rubber latex. Styrene-butadiene. Determination of bound styrene content

will supersede BS 6057-3.17:1990 (R10)

PRI/50

**ISO 3506-7**

Fasteners. Mechanical properties of corrosion-resistant stainless-steel fasteners. Flat washers with specified grades and property class

will supersede None

FME/9

**ISO 3900**

Rubber. Nitrile latex. Determination of bound acrylonitrile content

will supersede BS 6057-3.21:1996 (R10)

PRI/50

**ISO 3918**

Milking machine installations. Vocabulary

will supersede None

AGE/32

**ISO 4020**

Road vehicles. Fuel filters for diesel engines. Test methods

will supersede None

MCE/22

**ISO 4669-2**

Document Management. Information classification. Functional and technical requirements for ICMH solutions

will supersede None

IDT/1

**ISO 4917-5**

Design of Nuclear Power Plants against Seismic Events. Seismic Instrumentation

will supersede None

NCE/2

**ISO 5707**

Milking machine installations. Construction and performance

will supersede None

AGE/32

**ISO 5727**

Accessibility and usability of the built environment. Accessibility of immovable cultural heritage. General criteria and methodology for interventions

will supersede None

B/559

**ISO 5976**

Rare earth. Determination of loss on ignition in rare earth products. Gravimetric method

will supersede None

REI/1

**ISO 6331**

Chromium ores and concentrates. Determination of chromium content. Titrimetric method

will supersede None

ISE/102

**ISO 6519**

Diesel engines. Fuel injection pumps. Tapers for shaft ends and hubs

will supersede None

MCE/22

**ISO 6529**

Protective clothing. Protection against chemicals. Determination of resistance of protective clothing materials to permeation by liquids and gases

will supersede None

PH/3

**ISO 6534**

Forestry machinery. Portable chain-saw hand-guards. Mechanical strength

will supersede None

AGE/29

**ISO 6760-2**

Optics and photonics. Test method for temperature coefficient of refractive index of optical glasses. Interferometric method

will supersede None

CPW/172

**ISO 6804**

Rubber and plastics inlet hoses and hose assemblies for washing-machines and dishwashers. Specification

will supersede None

PRI/66

**ISO 7059**

Caprolactam for industrial use. Determination of absorbance at a wavelength of 290 nm

will supersede None

PRI/21

**ISO 7481**

Aerospace. Nuts, self-locking, with maximum operating temperature less than or equal to 425 degrees C. Test methods

will supersede BS 2A 295:2000

ACE/12

**ISO 7673-1**

Agricultural Irrigation. Data Exchange. Core Concepts

will supersede None

AGE/6

**ISO 7673-2**

Agricultural Irrigation. Data Exchange. Operations

will supersede None

AGE/6

**ISO 7673-3**

Agricultural Irrigation. Data Exchange. Operations

will supersede None

AGE/6

**Help Us to Help  
You!**

**Always quote your  
Customer Number**

**Don't know your  
number?**

**Contact  
Customer Services  
020 8996 9001**

**who will be happy to check it for you**

**ISO 7681**

Natural rubber field latex. Determination of dry rubber content

will supersede None

PRI/50

**ISO 7692**

Ferrotitanium. Determination of titanium content. Titrimetric method

will supersede BS 6200-3.32.4:1985 (R00)

ISE/102

**ISO 7801**

Metallic materials. Wire. Reverse bend test

will supersede None

ISE/101/1

**ISO 7914**

Forestry machinery. Portable chain-saws. Minimum handle clearance and sizes

will supersede None

AGE/29

**ISO 7967-3**

Reciprocating internal combustion engines. Vocabulary of components and systems. Valves, camshaft drives and actuating mechanisms

will supersede BS ISO 7967-3:2010

MCE/14

**ISO 8112**

Caprolactam for industrial use. Determination of colour of 50 % aqueous caprolactam solution, expressed in Hazen units (platinum-cobalt scale). Spectrometric method

will supersede None

PRI/21

**ISO 8513**

Plastics piping systems. Glass-reinforced thermosetting plastics (GRP) pipes. Test methods for the determination of the initial longitudinal tensile strength

will supersede None

PRI/88/2

**ISO 8639**

Glass-reinforced thermosetting plastics (GRP) pipes and fittings. Test methods for leak tightness and proof of structural design of flexible joints

will supersede None

PRI/88/2

**ISO 8933-1**

Ships and Marine Technology. Energy efficiency. Energy efficiency of individual

will supersede None

SME/32

**ISO 8933-2**

Ships and Marine Technology. Energy efficiency. Energy efficiency of maritime functional units

will supersede None

SME/32

**ISO 8939**

Decommissioning of medical cyclotron

will supersede None

NCE/9

**ISO 9111**

Water reuse in urban areas. Guideline for benefit evaluation of reclaimed water use

will supersede None

B/505/50

**ISO/IEC 9234**

Information technology. Information modelling for VR/AR/MR based education and training systems

will supersede None

ICT/1

**ISO 9322**

Material used for producing wrappings for cigarette filters, cigarettes and other tobacco products. Determination of acetate and citrate. Method using ion chromatographic analysis

will supersede None

AW/40

**ISO 9462**

Alpine ski-bindings. Requirements and test methods

will supersede None

SW/136

**ISO 9466**

Railway Application. Painting of passenger rail vehicles

will supersede None

RAE/4

**ISO 9467**

Manually portable (hand-held) powered lawn and garden equipment and forest machinery. Multi position small engine powered equipment. Exhaust system caused fire risk

will supersede None

AGE/29

**ISO 9468**

Tourism and related services. Online travel agency (OTA). Guidelines for online accommodation booking platform services

will supersede None

SVS/2

**ISO 9490**

Space systems. Space Traffic Coordination

will supersede None

ACE/68

**ISO 9523**

Touring ski-boots for adults. Interface with touring ski-bindings. Requirements and test methods

will supersede None

SW/136

**ISO 9621**

Space systems. Methods to decide thermal vacuum test cycles of recurring production according to precipitation efficiency and reliability

will supersede None

ACE/68

**ISO 9649**

Metallic materials. Wire. Reverse torsion test

will supersede BS ISO 9649:2016

ISE/101/1

**ISO 9784**

Guidelines for deep purification of secondary effluent for non-potable reuse using biological filtration systems

will supersede None

B/505/50

**ISO 9795**

Lignins. Determination of inorganics content in kraft lignin, soda lignin and hydrolysis lignin

will supersede None

PAI/11

**ISO 9812**

Corrosion of metals and alloys- Corrosion test method for disinfectant-Spray test method

will supersede None

ISENFE/8

**ISO 9813**

Corrosion of metals and alloys-Performance test method for corrosion inhibitors of industry equipment chemical cleaning

will supersede None

ISENFE/8

**ISO 9838**

Alpine and touring ski-bindings. Test soles for ski-binding tests

will supersede None

SW/136

**ISO/IEC 9868**

Remote biometric identification systems. Design, development, and audit

will supersede None

ICT/1

**ISO 9924-3**

Rubber and rubber products. Determination of the composition of vulcanizates and uncured compounds by thermogravimetry. Hydrocarbon rubbers, halogenated rubbers and polysiloxane rubbers after extraction

will supersede None

PRI/22

**ISO 10303-1**

Industrial automation systems and integration. Product data representation and exchange. Overview and fundamental principles

will supersede None

AMT/4



**ISO 10468**

Glass-reinforced thermosetting plastics (GRP) pipes. Determination of the ring creep properties under wet or dry conditions

will supersede None

PRI/88/2

**ISO 11088**

Alpine ski/binding/boot (S-B-B) system. Assembly, adjustment and inspection

will supersede None

SW/136

**ISO 12261**

Aerospace. Screws, pan head, internal offset cruciform ribbed or unribbed drive, pitch diameter shank, long length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1 100 MPa. Dimensions

will supersede BS ISO 12261:2016

ACE/12

**ISO 12641-1**

Graphic technology. Prepress digital data exchange. Colour targets for input scanner calibration. Colour targets for input scanner calibration

will supersede None

PAI/43

**ISO/IEC 15067-3-30**

ED1 Information technology, Äi Home Electronic System (HES) application model. EMA functional requirements and interfaces

will supersede None

TCT/7

**ISO 15500-2**

Road vehicles. Compressed natural gas (CNG) fuel system components. Performance and general test methods

will supersede None

GSE/40

**ISO 15830-3**

Road vehicles. Design and performance specifications for the WorldSID 50th percentile male side-impact dummy. Mechanical requirements for electronic subsystems

will supersede None

AUE/7

**ISO 16313-2**

Laboratory test of dust collection systems utilizing porous filter media online cleaned using pulses of compressed gas. Systems utilizing integrated fans

will supersede None

MCE/21

**ISO 16578**

Molecular biomarker analysis. Requirements for microarray detection of specific nucleic acid sequences

will supersede BS ISO 16578:2013

AW/275

**ISO 16620-4**

Plastics. Biobased content. Determination of biobased mass content

will supersede None

PRI/89

**ISO 16943**

Thermoplastic pipes for the conveyance of fluids. Inspection of polyethylene electrofusion socket joints using phased array ultrasonic testing

will supersede None

PRI/88/4

**ISO 17514**

Time-measuring instruments. Photoluminescent deposits. Test methods and requirements

will supersede None

STI/53

**ISO 17536-1**

Road vehicles. Aerosol separator performance test for internal combustion engines. General

will supersede None

MCE/22

**ISO 17546**

Space systems. Lithium ion battery for space vehicles. Design and verification requirements

will supersede None

ACE/68

**ISO 18639-4:2018/A1**

PPE ensembles for firefighters undertaking specific rescue activities. Gloves

will supersede None

PH/14

**ISO 19043**

Natural rubber latex concentrate. Determination of total phosphate content by spectrophotometric method

will supersede BS ISO 19043:2015

PRI/50

**ISO 19880-8**

Gaseous hydrogen. Fuelling stations. Fuel quality control

will supersede BS ISO 19880-8:2019+A1:2021

PVE/3/8

**ISO 20966**

Automatic milking installations. Requirements and testing

will supersede None

AGE/32

**ISO 21634**

Rubber flaps for tyres. Technical requirements and test methods

will supersede None

AUE/4

**ISO 21826-1**

Iron ores. Determination of total iron content. EDTA photometric titration method. Title missing

will supersede PD ISO/TS 21826:2020

ISE/58

**ISO 21018-1**

Hydraulic fluid power. Monitoring the level of particulate contamination of the fluid. General principles

will supersede BS ISO 21018-1:2008

MCE/18/-/6

**ISO 22028-3**

Photography and graphic technology. Extended colour encodings for digital image storage, manipulation and interchange. Reference input medium metric RGB colour image encoding (RIMM RGB)

will supersede PD ISO/TS 22028-3:2012

CPW/42

**ISO 22171**

Soil quality. Determination of potential cation exchange capacity (CEC) and exchangeable cations buffered at pH 7, using a molar ammonium acetate solution

will supersede None

EH/4

**ISO 22499**

Thermoplastic pipes for the conveyance of fluids. Inspection of polyethylene butt fusion joints using phased array ultrasonic testing

will supersede None

PRI/88/4

**ISO 22553-15**

Paints and varnishes. Electro-deposition coatings. Permeate residue

will supersede None

STI/10

**ISO 22553-16**

Paints and varnishes. Electro-deposition coatings. Pigment-binder ratio

will supersede None

STI/10

**ISO 23217**

Injection systems intended for self-administration by paediatric patients. Guidance for design

will supersede None

CH/84

**ISO 23337**

Rubber, vulcanized or thermoplastic. Determination of abrasion resistance using the Improved Lambourn test machine

will supersede None

PRI/22

**ISO 23369**

Hydraulic fluid power. Multi-pass method of evaluating filtration performance of a filter element under cyclic flow conditions

will supersede BS ISO 23369:2021

MCE/18/-/6

**ISO 24138**

Information and documentation. International Standard Content Code

will supersede None

IDT/2/18

**ISO 24394**

Welding for aerospace applications. Qualification test for welders and welding operators. Fusion welding of metallic components

will supersede BS ISO 24394:2018

WEE/-/1

**ISO 24548**

Rare earth. Determination of moisture content in rare earth products. Gravimetric method

will supersede None

RE/1

**ISO 28005-1**

Ships and marine technology. Electronic port clearance (EPC). Application protocol interface and message structures

will supersede None

SME/32

**ISO 37005**

Governance of organizations. Selecting, Creating and Using Indicators. Guidance for Governing Bodies

will supersede None

G/1

**ISO 37006**

Indicators of Effective Organizational Governance. Guidance

will supersede None

G/1

**ISO 37004**

Governance of organizations. Governance maturity model

will supersede None

G/1

**ISO/IEC 30115-1**

Information technology. Redfish scalable platforms management API specification. Redfish Specification

will supersede None

ICT/1

**ISO/IEC 30115-2**

Information technology. Redfish scalable platforms management API specification. Redfish Schema Supplement

will supersede None

ICT/1

**BS 5385-3**

Wall and floor tiling. Design and installation of internal and external ceramic and mosaic floor tiling in normal conditions. Code of practice

will supersede BS 5385-3:2014

B/539

**BS 5410-3**

Code of practice for liquid fuel firing. Installations for liquid fuelled standby generators, furnaces, kilns, ovens and other industrial purposes

will supersede BS 5410-3:2016

RHE/13

**BS 8635**

Hydraulic Interface Unit. Specification

will supersede None

RHE/30

**BS 2869+A1**

Fuel oils for agricultural, domestic and industrial engines and boilers

will supersede BS 2869:2017

PTI/2/-/7

**BS 7288+A1**

Specification for residual current devices with or without overcurrent protection for socket-outlets for household and similar uses

will supersede BS 7288:2016

PEL/23/1

**CEN ISO/IEC TR 25060**

Systems and software engineering. Systems and software product Quality Requirements and Evaluation (SQuaRE). Common Industry Format (CIF) for usability. General framework for usability-related information

will supersede None

PH/9

**CEN/TR WI 00248652**

Textiles and textile products. Textiles with integrated electronics and ICT. Definitions, categorisation, applications and standardisation needs

will supersede None

TCI/100/1

**CEN/TR 16598-2**

Collection of rationales for EN 1176. Requirements

will supersede None

SW/65

**CEN/TS 14383-2**

Crime Prevention through building design, urban planning and city maintenance. Principles and process

will supersede None

B/562

**CEN/TS 17814**

Building hardware. Technical specification for master key system data protection

will supersede None

B/538/1

**IEC/TS 60904-1-2**

Photovoltaic devices. Measurement of current-voltage characteristics of bifacial photovoltaic (PV) devices

will supersede None

GEL/82

**IEC/TS 62565-3-5**

Nanomanufacturing. Material specifications. Graphene-based material. Sectional blank detail specification. Graphene powder and dispersion

will supersede None

NTI/1

**IEC/TS 62804-1**

Photovoltaic (PV) modules. Test methods for the detection of potential-induced degradation. Crystalline silicon

will supersede None

GEL/82

**IEC/TR 63086-3-XX**

Household and similar electrical air cleaning appliances. Methods for measuring the performance. Measurement of electrical power for air cleaners

will supersede None

CPL/59

**IEC/TR 63179-1**

Guidelines for planning of HVDC systems

will supersede PD IEC TR 63179-1:2020

GEL/8

**IEC/TR 63222-100**

Power quality management. Impact of poor power quality on electric equipment and power system

will supersede None

GEL/8

**IEC/TS 63266**

Representation of communication in power utility automation

will supersede None

GEL/3

**IEC/TR 63415**

Nuclear Power plants. Instrumentation and control systems. Use of formal security models for I&C security architecture design and assessment

will supersede None

NCE/8

**IEC/TS 63416**

Ethical considerations of AI when Applied in the Active Assisted Living (AAL) context

will supersede None

ICT/2

**IEC/TS 63417**

Guide and plan to develop a unified IEC Smart energy Ontology

will supersede None

L/13

**IEC/TR 60071-4**

Insulation co-ordination. Computational guide to insulation co-ordination and modelling of electrical networks

will supersede PD IEC/TR 60071-4:2004

PEL/99

**IEC/TS 60079-32-1**

Explosive atmospheres. Electrostatic hazards; guidance

will supersede None

EXL/31

**ISO/TS 5044**

Health Informatics. Information model of representation for quality control of Chinese patent drugs

will supersede None

IST/35

**ISO/TS 5617**

Method of tea classification by chemical analysis

will supersede None

AW/8

**ISO/TR 5914**

Railway Applications. Interior Passive Safety

will supersede None

RAE/11-/18

**ISO/TR 6026**

Electronic fee collection. Pre-study on the use of vehicle licence plate information and automatic number plate recognition (ANPR) technologies

will supersede None

EPL/278

**ISO/TS 6201**

Health Informatics. Personalized Digital Health. Framework

will supersede None

IST/35

**ISO/TR 8101-10**

Fire safety on lifts. Comparison of worldwide safety standards on lifts for firefighters

will supersede None

MHE/4

**ISO/TS 8392**

Genomics Informatics. Description Rules for Genomic Data for Genetic Detection Products and Services

will supersede None

IST/35

**ISO/TS 9472**

Health informatics. Personalized health navigation. Reference architecture

will supersede None

IST/35

**ISO/TR 11594**

Guidelines for the creation/evaluation of fingerprint analysis in accordance with ISO 28199-1 to 3

will supersede None

STI/10

**ISO/TR 11797**

Ophthalmic optics. Spectacle lenses. Power and prism measurements

will supersede None

CH/172/3

**ISO/TR 11826**

Ophthalmic optics. Spectacle lenses. 3D spectacle lens measuring

will supersede None

CH/172/3

**ISO/TS 17117-3**

Health informatics. Terminological resources. Terminology Implementation maturity model (TIMM)

will supersede None

IST/35

**ISO/TS 17929**

Biomechanical effects on amusement ride passengers

will supersede None

MCE/3/4

**ISO/TS 18621-31**

Graphic technology. Image quality evaluation methods for printed matter. Evaluation of the perceived resolution of printing systems with the Contrast Resolution chart

will supersede None

PAI/43

**ISO/TS 20791-3**

Photography. Photographic reflection prints. Evaluation of glossiness

will supersede None

CPW/42

**ISO/TS 21719-2**

Electronic fee collection. Personalization of on-board equipment (OBE). Using dedicated short-range communication

will supersede None

EPL/278

**ISO/TR 21734-3**

Public transport. Performance testing for connectivity and safety functions of automated driving bus. Service framework and use cases

will supersede None

EPL/278

**ISO/IEC/TR 24030**

Information technology. Artificial intelligence (AI). Use cases

will supersede None

ART/1

**ISO/TS 30436**

Human Resource Management. Diversity and Inclusion Metrics Technical Specification

will supersede None

HCS/1/2

**ISO/TS 30437**

Human Resource Management. Learning and Development Metrics

will supersede None

HCS/1/2

**ISO/IEC/TR 30174**

Internet of Things (IoT). Socialized IoT system resembling human social interaction dynamics

will supersede None

IOT/1

**ISO/IEC/TR 30176**

Internet of Things (IoT).- Integration of IoT and DLT/blockchain. Use cases

will supersede None

IOT/1

**ISO/TS 55010**

Asset management. Guidance on the alignment of financial and non-financial functions in asset management

will supersede None

AMS/1

## 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).

**21/30412431 DC**

BS 7657 Specification for cut out assemblies up to 100 A rating, for power supply to buildings

PEL/121/1

*Comments for the above document are required by 3 January, 2022*

**21/30440227 DC**

BS 559-1 Design, manufacture and installation of signs. Specification

CPL/34/11

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

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

Comments on all Draft British Standards are welcome and should be sent to Debbie Stead, 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.

**21/30377404 DC**

BS EN ISO 11403-2 Plastics. Acquisition and presentation of comparable multipoint data. Thermal and processing properties

PRI/21

Comments for the above document are required by 20 November, 2021

**21/30382331 DC**

BS ISO 14100 Guidance on environmental criteria for projects, assets and activities to support the development of green finance

SES/1

Comments for the above document are required by 30 November, 2021

**21/30384293 DC**

BS ISO 18077 Reload startup physics tests for pressurized water reactors

NCE/2

Comments for the above document are required by 30 November, 2021

**21/30385416 DC**

BS EN ISO 4943 Steel and cast iron. Determination of copper content. Flame atomic absorption spectrometric method

ISE/102

Comments for the above document are required by 20 December, 2021

**21/30385900 DC**

BS EN ISO 14644-4 Cleanrooms and associated controlled environments. Design, construction and start-up

LBI/30

Comments for the above document are required by 4 December, 2021

**21/30386856 DC**

BS EN ISO 15189 Medical laboratories. Requirements for quality and competence

CH/212

Comments for the above document are required by 12 December, 2021

**21/30388064 DC**

BS ISO 11684 Tractors, machinery for agriculture and forestry, powered lawn and garden equipment. Safety signs and hazard pictorials. General principles

AGE/6

Comments for the above document are required by 21 December, 2021

**21/30389585 DC**

BS ISO 22872 Rolling bearings. Geometrical product specifications (GPS). Symbols, terms and definitions associated with GPS

MCE/7

Comments for the above document are required by 19 December, 2021

**21/30391450 DC**

BS ISO 45002 Occupational health and safety management systems. General guidelines for the implementation of ISO 45001:2018

HS/1

Comments for the above document are required by 5 December, 2021

**21/30393111 DC**

BS ISO 12238 Pneumatic fluid power. Directional control valves. Measurement of shifting time

MCE/18/-/5

Comments for the above document are required by 27 December, 2021

**21/30393373 DC**

BS EN ISO 4210-1 Cycles. Safety requirements for bicycles. Terms and definitions

GME/25

Comments for the above document are required by 29 December, 2021

**21/30393377 DC**

BS EN ISO 4210-2 Cycles. Safety requirements for bicycles. Requirements for city and trekking, young adult, mountain and racing bicycles

GME/25

Comments for the above document are required by 29 December, 2021

**21/30393381 DC**

BS EN ISO 4210-3 Cycles. Safety requirements for bicycles. Common test methods

GME/25

Comments for the above document are required by 29 December, 2021

**21/30393389 DC**

BS EN ISO 4210-4 Cycles. Safety requirements for bicycles. Braking test methods

GME/25

Comments for the above document are required by 29 December, 2021

**21/30393393 DC**

BS EN ISO 4210-5 Cycles. Safety requirements for bicycles. Steering test methods

GME/25

Comments for the above document are required by 29 December, 2021

**21/30393397 DC**

BS EN ISO 4210-6 Cycles. Safety requirements for bicycles. Frame and fork test methods

GME/25

Comments for the above document are required by 29 December, 2021

**21/30393401 DC**

BS EN ISO 4210-7 Cycles. Safety requirements for bicycles. Wheels and rims test methods

GME/25

Comments for the above document are required by 29 December, 2021

**21/30393405 DC**

BS EN ISO 4210-8 Cycles. Safety requirements for bicycles. Pedal and drive system test methods

GME/25

Comments for the above document are required by 29 December, 2021

**21/30393409 DC**

BS EN ISO 4210-9 Cycles. Safety requirements for bicycles. Saddles and seat-post test methods

GME/25

Comments for the above document are required by 29 December, 2021

**21/30393417 DC**

BS EN ISO 8098 Cycles. Safety requirements for bicycles for young children

GME/25

Comments for the above document are required by 1 January, 2022



**21/30396599 DC**

BS EN IEC 62087-2 Audio, video, and related equipment. Determination of power consumption. Signals and media (TA 19)

EPL/100

*Comments for the above document are required by 24 November, 2021*

**21/30396603 DC**

BS EN 62087-3 Audio, video, and related equipment. Determination of power consumption. Television sets (TA 19)

EPL/100

*Comments for the above document are required by 24 November, 2021*

**21/30397457 DC**

BS EN ISO 7380-1 Fasteners. Button head screws with reduced loadability. Hexagon socket button head screws

FME/9

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

**21/30397460 DC**

BS EN ISO 7380-2 Fasteners. Button head screws with reduced loadability. Hexagon socket button head screws with collar

FME/9

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

**21/30397540 DC**

BS EN ISO 14581 Fasteners. Hexalobular socket countersunk flat head screws (common head style) with reduced loadability

FME/9

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

**21/30398688 DC**

BS ISO 20766-7 Road vehicles. Liquefied petroleum gas (LPG) fuel system components. Remotely controlled service valve with excess flow valve

GSE/40

*Comments for the above document are required by 27 December, 2021*

**21/30398691 DC**

BS ISO 20766-8 Road vehicles. Liquefied petroleum gas (LPG) fuel system components. Fuel pump

GSE/40

*Comments for the above document are required by 21 December, 2021*

**21/30398732 DC**

BS ISO 10576-1 Statistical methods. Guidelines for the evaluation of conformity with specified requirements

SS/6

*Comments for the above document are required by 4 December, 2021*

**21/30399907 DC**

BS EN ISO 14284 Steel and iron. Sampling and preparation of samples for the determination of chemical composition

ISE/102

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

**21/30399958 DC**

BS ISO 24161 Waste collection and transportation management. Vocabulary

AUE/13

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

**21/30402404 DC**

BS ISO/IEC 20071-5 Information technology. User interface component accessibility. Accessible user interface for accessibility settings on information devices

ICT/2

*Comments for the above document are required by 6 December, 2021*

**21/30402422 DC**

BS ISO 15500-21 Road vehicles. Compressed natural gas (CNG) fuel system components. Discharge line closures

GSE/40

*Comments for the above document are required by 30 November, 2021*

**21/30402997 DC**

BS ISO 23979 Ergonomics. Accessible design. Ease of operation

PH/9/-/4

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

**21/30403058 DC**

BS ISO 21629-2 Bamboo floorings. Outdoor use

B/541

*Comments for the above document are required by 21 November, 2021*

**21/30403693 DC**

BS EN ISO 6683 Earth-moving machinery. Seat belts and seat belt anchorages. Performance requirements and tests

B/513/1

*Comments for the above document are required by 30 November, 2021*

**21/30403727 DC**

BS ISO 24285 Thermal insulation for building equipment and industrial installations. Cellular glass products. Specification

B/540/8

*Comments for the above document are required by 18 December, 2021*

**21/30403837 DC**

BS ISO/IEC 30107-3 Information technology. Biometric presentation attack detection. Testing and reporting

IST/44/-/3

*Comments for the above document are required by 21 December, 2021*

**21/30403940 DC**

BS EN 16306 Natural stone test methods. Determination of resistance of marble to thermal and moisture cycles

B/545

*Comments for the above document are required by 30 November, 2021*

**21/30404423 DC**

BS ISO 20766-17 Road vehicles. Liquefied petroleum gas (LPG) fuel system components. Gas dosage unit

GSE/40

*Comments for the above document are required by 21 December, 2021*

**21/30404426 DC**

BS ISO 20766-21 Road vehicles. Liquefied petroleum gas (LPG) fuel system components. Pressure and/or temperature sensors

GSE/40

*Comments for the above document are required by 21 December, 2021*

**21/30404749 DC**

BS ISO/IEC 29168-2 Information technology. Open systems interconnection. Procedures for the object identifier resolution system operational agency

IST/6

*Comments for the above document are required by 20 December, 2021*

**21/30405147 DC**

BS ISO 23669 Corrosion of metals and alloys. Guidelines for localised corrosion and environmentally assisted cracking testing of additively manufactured metals and alloys

ISENFE/8

*Comments for the above document are required by 1 January, 2022*

**21/30405161 DC**

BS ISO 18314-5 Analytical colorimetry. Procedure for colorimetric determination of colour differences of object colours according to equidistant colour spaces

STI/1

*Comments for the above document are required by 13 December, 2021*

**21/30407247 DC**

BS EN ISO 7704 Water quality. Requirements for the performance testing of membrane filters used for direct enumeration of microorganisms by culture methods

EH/3/4

*Comments for the above document are required by 30 November, 2021*

**21/30407273 DC**

BS ISO 4698 Iron ore pellets for blast furnace feedstocks. Determination of the free-swelling index

ISE/58

*Comments for the above document are required by 12 December, 2021*

**21/30408093 DC**

BS ISO 24356 General requirements for tethered unmanned aircraft systems

ACE/20/2

Comments for the above document are required by 23 November, 2021

**21/30408318 DC**

BS ISO 3079 A two-electrode method using acetic acid to measure pitting potential of aluminium and aluminium alloys in chloride solutions

ISENFE/8

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

**21/30408326 DC**

BS ISO 13284 Industrial trucks. Fork arm extensions and telescopic fork arms. Technical characteristics and strength requirements

MHE/7

Comments for the above document are required by 19 December, 2021

**21/30408856 DC**

BS ISO 5057 Industrial trucks. Inspection and repair of fork arms in service on fork-lift trucks

MHE/7

Comments for the above document are required by 22 December, 2021

**21/30409831 DC**

BS ISO/IEC 23859-1 Information technology. User interfaces. Guidance on making written text easy to read and easy to understand

ICT/2

Comments for the above document are required by 3 January, 2022

**21/30410847 DC**

BS ISO 16840-3 Wheelchair seating. Determination of static, impact and repetitive load strengths for postural support devices

CH/173/1

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

**21/30410977 DC**

BS EN ISO 14389 Textiles. Determination of the phthalate content. Tetrahydrofuran method

TCI/80

Comments for the above document are required by 21 December, 2021

**21/30412498 DC**

BS ISO 4212 Corrosion of Metals and Alloys. Method of oxalic acid etching test for intergranular corrosion of austenitic stainless steel

ISENFE/8

Comments for the above document are required by 4 December, 2021

**21/30412540 DC**

BS ISO/IEC 27005 Information security, cybersecurity and privacy protection. Guidance on managing information security risks

IST/33/1

Comments for the above document are required by 1 January, 2022

**21/30412851 DC**

BS ISO 3548-3 Plain bearings. Thin-walled half bearings with or without flange. Measurement of peripheral length

MCE/12

Comments for the above document are required by 20 December, 2021

**21/30414056 DC**

BS EN IEC 60034-27-7 Rotating electrical machines. Insulation systems used in rotating electrical machines for sealed and moisture resistant winding type and quality control tests

PEL/2

Comments for the above document are required by 8 December, 2021

**21/30414969 DC**

BS EN ISO 4484-1 Textiles and textile products. Microplastics from textile sources. Determination of material loss from fabrics during washing

TCI/100

Comments for the above document are required by 22 December, 2021

**21/30414994 DC**

BS EN 17549-2 Building information modelling. Information structure based on EN ISO 16739 1 to exchange data templates and data sheets for construction objects. Configurable construction objects and requirements

£18.00 members, £36.00 non-members

B/555

Comments for the above document are required by 28 December, 2021

**21/30416098 DC**

BS ISO/IEC 23094-3 Information technology. General video coding. Conformance and Reference Software for Low Complexity Enhancement Video Coding

IST/37

Comments for the above document are required by 30 November, 2021

**21/30419313 DC**

BS ISO 20716 Oolong tea. Definition and basic requirements

AW/8

Comments for the above document are required by 28 December, 2021

**21/30419352 DC**

BS ISO 4344 Steel wire ropes for lifts. Minimum requirements

MHE/2

Comments for the above document are required by 19 December, 2021

**21/30419620 DC**

BS EN ISO 25649-3 Floating leisure articles for use on and in the water. Additional specific safety requirements and test methods for Class A devices

SW/136

Comments for the above document are required by 24 November, 2021

**21/30419624 DC**

BS EN ISO 25649-4 Floating leisure articles for use on and in the water. Additional specific safety requirements and test methods for Class B devices

SW/136

Comments for the above document are required by 24 November, 2021

**21/30419754 DC**

BS ISO 24543 Non-destructive testing. Acoustic emission testing. Verification of the receiving sensitivity spectra of piezoelectric acoustic emission sensors

WEE/46/9

Comments for the above document are required by 1 January, 2022

**21/30420211 DC**

BS EN 13501-6 AMD1 Fire classification of construction products and building elements. Classification using data from reaction to fire tests on power, control and communication cables

FSH/211-18

Comments for the above document are required by 7 December, 2021

**21/30420707 DC**

BS EN ISO 3691-3 AMD1 Industrial trucks. Safety requirements and verification. Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads

MHE/7

Comments for the above document are required by 22 December, 2021

**21/30421289 DC**

BS EN ISO 11615 AMD1 Health informatics. Identification of medicinal products. Data elements and structures for the unique identification and exchange of regulated medicinal product information

IST/35

Comments for the above document are required by 7 December, 2021

**21/30421388 DC**

BS ISO 10791-2 Test conditions for machining centres. Geometric tests for machines with vertical spindle (vertical Z-axis)

£18.00 members, £36.00 non-members

MTE/1/2

Comments for the above document are required by 12 December, 2021

**21/30421989 DC**

BS ISO 5015-2 Unmanned aircraft systems. Operation of vertiports for unmanned aircraft (UA)

ACE/20/3

*Comments for the above document are required by 19 December, 2021*

**21/30421002 DC**

BS ISO 24021-1 Light gauge metal containers. Terminology and classification. Open-top cans and ends

PKW/0

*Comments for the above document are required by 4 December, 2021*

**21/30422770 DC**

BS ISO 22328-3 Security and resilience. Emergency management. Guidelines for the implementation of a community-based tsunami early warning system

SSM/1

*Comments for the above document are required by 13 December, 2021*

**21/30423422 DC**

BS ISO 21940-21 Mechanical vibration. Rotor balancing. Description and evaluation of balancing machines

GME/21/5

*Comments for the above document are required by 21 November, 2021*

**21/30423478 DC**

BS EN ISO 5099 Light gauge metal containers. Easy open ends and peel off ends. Dimensions

PKW/0

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

**21/30423556 DC**

BS EN ISO 22361 Security and resilience. Crisis management. Guidelines for a strategic capability

CAR/1/2

*Comments for the above document are required by 25 December, 2021*

**21/30423925 DC**

BS EN 13763-1 Explosives for civil uses. Detonators and detonating cord relays. Requirements

CI/61

*Comments for the above document are required by 21 December, 2021*

**21/30425616 DC**

BS ISO 26324 Information and documentation. Digital object identifier system

IDT/2/18

*Comments for the above document are required by 30 November, 2021*

**21/30425778 DC**

BS EN ISO 3691-2 Industrial trucks. Safety requirements and verification. Self-propelled variable-reach trucks

MHE/7

*Comments for the above document are required by 15 December, 2021*

**21/30426305 DC**

BS ISO 11712 Anaesthetic and respiratory equipment. Supralaryngeal airways and connectors

CH/121/5

*Comments for the above document are required by 18 December, 2021*

**21/30426354 DC**

BS ISO 16976-4 Respiratory protective devices. Human factors. Work of breathing and breathing resistance. Physiologically based limits

PH/4

*Comments for the above document are required by 28 December, 2021*

**21/30426357 DC**

BS ISO 16976-6 Respiratory protective devices. Human factors. Psycho-physiological effects

PH/4

*Comments for the above document are required by 28 December, 2021*

**21/30426360 DC**

BS ISO 16976-8 Respiratory protective devices. Human factors. Ergonomic factors

PH/4

*Comments for the above document are required by 28 December, 2021*

**21/30426408 DC**

BS EN 14336 Heating systems in buildings. Installation and commissioning of water based heating systems

RHE/24

*Comments for the above document are required by 4 January, 2022*

**21/30426752 DC**

BS ISO 24477 Vacuum technology. Vacuum gauges. Specifications, calibration and measurement uncertainties for spinning rotor gauges

MCE/8/-/4

*Comments for the above document are required by 6 December, 2021*

**21/30427659 DC**

BS ISO 11745 Brazing for aerospace applications. Qualification test for brazers and brazing operators. Brazing of metallic components

WEE/-/1

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

**21/30427754 DC**

BS 10125 Automotive services. Specification for vehicle damage repair processes

SVS/20

*Comments for the above document are required by 14 January, 2022*

**21/30427975 DC**

BS EN 17634 Electronic cigarettes and e-liquids. Determination of nicotine delivery consistency over defined puff sequences of a number of e-cigarettes of identical type

CH/437

*Comments for the above document are required by 14 December, 2021*

**21/30428807 DC**

BS EN 63351 Nuclear Facilities. Human Factors Engineering. Application to the Design of Human Machine Interfaces

NCE/8

*Comments for the above document are required by 15 December, 2021*

**21/30428817 DC**

BS EN IEC 60034-2-1 Rotating electrical machines. Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)

PEL/2

*Comments for the above document are required by 29 December, 2021*

**21/30428821 DC**

BS EN IEC 60034-2-2 Rotating electrical machines. Specific methods for determining separate losses of large machines from tests. Supplement to IEC 60034-2-1

PEL/2

*Comments for the above document are required by 29 December, 2021*

**21/30428825 DC**

BS EN IEC 60034-2-3 Rotating electrical machines. Specific test methods for determining losses and efficiency of converter-fed AC motors

PEL/2

*Comments for the above document are required by 29 December, 2021*

**21/30428829 DC**

BS EN IEC 61400-3-2 Wind energy generation systems. Design requirements for floating offshore wind turbines

£18.00 members, £36.00 non-members

PEL/88

*Comments for the above document are required by 8 December, 2021*

**21/30429380 DC**

BS EN 50419 Marking of electrical and electronic equipment (EEE) in respect to separate collection of waste EEE (WEEE)

GEL/111

*Comments for the above document are required by 1 December, 2021*

**21/30429461 DC**

BS EN ISO 16610-62 Geometrical product specifications (GPS). Filtration. Linear areal filters. Spline filters

TPR/1

Comments for the above document are required by 13 December, 2021

**21/30429499 DC**

BS ISO 10008 Quality management. Customer satisfaction. Guidance for business-to-consumer electronic commerce transactions

QS/1/3

Comments for the above document are required by 30 November, 2021

**21/30429550 DC**

BS ISO 13914 Soil, treated biowaste and sludge. Determination of dioxins and furans and dioxin-like polychlorinated biphenyls by gas chromatography with high resolution mass selective detection (HR GC-MS)

EH/4

Comments for the above document are required by 30 November, 2021

**21/30429652 DC**

BS EN ISO 12417-1 Cardiovascular implants and extracorporeal systems. Vascular device-drug combination products. General requirements

CH/150/2

Comments for the above document are required by 18 December, 2021

**21/30429738 DC**

BS EN 17748-1 Foundational Body of Knowledge for the ICT Profession (ICT BoK). Body of Knowledge

IST/43

Comments for the above document are required by 21 December, 2021

**21/30430322 DC**

BS ISO 5712 Fine ceramics (advanced ceramics, advanced technical ceramics). Method for measuring the power generation characteristics of piezoelectric resonant device for stand-alone power source

RPI/13

Comments for the above document are required by 7 December, 2021

**21/30430340 DC**

BS ISO 24335 Laminate floor coverings. Determination of impact resistance

PRI/60

Comments for the above document are required by 19 December, 2021

**21/30430372 DC**

BS ISO/IEC 23090-20 Information technology. Coded representation of immersive media. Conformance for V-PCC

IST/37

Comments for the above document are required by 4 December, 2021

**21/30430940 DC**

BS EN ISO 11127-6 Preparation of steel substrates before application of paints and related products. Test methods for non-metallic blast-cleaning abrasives. Determination of water-soluble contaminants by conductivity measurement

STI/21

Comments for the above document are required by 13 December, 2021

**21/30431223 DC**

BS EN 1755 Industrial Trucks. Safety requirements and verification. Supplementary requirements for operation in potentially explosive atmospheres

MHE/7

Comments for the above document are required by 21 December, 2021

**21/30431229 DC**

BS EN 16121 Non-domestic storage furniture. Requirements for safety, strength, durability and stability

FW/0/2

Comments for the above document are required by 21 December, 2021

**21/30431383 DC**

BS EN ISO 12311 Personal protective equipment. Test methods for sunglasses and related eyewear

PH/2/2

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

**21/30431522 DC**

BS EN 15544 One off Kachelgrund'fen/Putzgrund'fen (tiled/mortared stoves). Dimensioning

RHE/28

Comments for the above document are required by 30 November, 2021

**21/30431761 DC**

BS EN ISO 10256-1 Protective equipment for use in ice hockey. General requirements

PH/6

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

**21/30431765 DC**

BS EN ISO 10256-2 Protective equipment for use in ice hockey. Head protection for skaters

PH/6

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

**21/30431769 DC**

BS EN ISO 10256-3 Protective equipment for use in ice hockey. Face and eye protectors for skaters

PH/6

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

**21/30431773 DC**

BS EN ISO 10256-4 Protective equipment for use in ice hockey. Head and face protection for goalkeepers

PH/6

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

**21/30431799 DC**

BS EN 50160 Voltage characteristics of electricity supplied by public distribution networks

GEL/8

Comments for the above document are required by 22 December, 2021

**21/30431917 DC**

BS ISO 3779 Road vehicles. Vehicle identification number (VIN). Content and structure

AUEI-1

Comments for the above document are required by 20 December, 2021

**21/30431920 DC**

BS ISO 3780 Road vehicles. World manufacturer identifier (WMI) code

AUEI-1

Comments for the above document are required by 19 December, 2021

**21/30431923 DC**

BS ISO 13004 Sterilization of health care products. Radiation. Substantiation of selected sterilization dose. Method  $VD_{max}^{SD}$

CH/198

Comments for the above document are required by 12 December, 2021

**21/30431933 DC**

BS ISO 4437-4 Plastics piping systems for the supply of gaseous fuels. Polyethylene (PE). Valves

PRI/88/2

Comments for the above document are required by 22 December, 2021

**21/30433073 DC**

BS EN IEC 60601-2-16 Medical electrical equipment. Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment

CH/62/4

Comments for the above document are required by 24 November, 2021

**21/30433077 DC**

BS EN IEC 60601-2-39 Medical electrical equipment. Particular requirements for basic safety and essential performance of peritoneal dialysis equipment

CH/62/4

Comments for the above document are required by 24 November, 2021



**21/30433200 DC**

BS ISO 34-2 Rubber, vulcanized or thermoplastic. Determination of tear strength. Small (Delft) test pieces

PR1/22

*Comments for the above document are required by 13 December, 2021*

**21/30433329 DC**

BS EN IEC 60268-23 Sound system equipment. TVs and monitors. Loudspeaker systems

EPL/100

*Comments for the above document are required by 29 December, 2021*

**21/30433542 DC**

BS EN 62282-8-301 Fuel cell technologies. Energy storage systems using fuel cell modules in reverse mode. Power to methane energy systems based on solid oxide cells including reversible operation. Performance test methods

GEL/105

*Comments for the above document are required by 24 November, 2021*

**21/30433711 DC**

BS EN 50631-1 Household appliances network and grid connectivity. General requirements, Generic data modelling and neutral messages £18.00 members, £36.00 non-members

CPL/59

*Comments for the above document are required by 15 December, 2021*

**21/30433714 DC**

BS EN 50631-2 Household appliances network and grid connectivity. product specific mappings, details, requirements and deviations

CPL/59

*Comments for the above document are required by 15 December, 2021*

**21/30433717 DC**

BS EN 50631-3-1 Household appliances network and grid connectivity. Specific Data Model Mapping. SPINE

£18.00 members, £36.00 non-members

CPL/59

*Comments for the above document are required by 22 December, 2021*

**21/30433720 DC**

BS EN 50631-4-1 Household appliances network and grid connectivity. Communication Protocol Specific Aspects. SHIP 1.1

£18.00 members, £36.00 non-members

CPL/59

*Comments for the above document are required by 22 December, 2021*

**21/30433776 DC**

BS ISO/IEC 29138-3 Information technology. User interface accessibility. Guidance on user needs mapping

ICT/2

*Comments for the above document are required by 7 December, 2021*

**21/30433856 DC**

BS EN ISO 19168-2 Geographic information. Geospatial API for features. Coordinate Reference Systems by Reference

IST/36

*Comments for the above document are required by 27 December, 2021*

**21/30433889 DC**

BS ISO 12151-2 Connections for hydraulic fluid power and general use. Hose fittings. Hose fittings with ISO 8434-1 24° cone connector ends with O-rings

MCE/18/-14

*Comments for the above document are required by 18 December, 2021*

**21/30433917 DC**

BS ISO/IEC 21000-23 Information technology. Multimedia framework (MPEG-21). Smart Contracts for Media

IST/37

*Comments for the above document are required by 7 December, 2021*

**21/30434652 DC**

BS ISO 6621-4 Internal combustion engines. Piston rings. General specifications

MCE/22

*Comments for the above document are required by 13 December, 2021*

**21/30434687 DC**

BS EN ISO 11268-2 Soil quality. Effects of pollutants on earthworms. Determination of effects on reproduction of *Eisenia fetida/Eisenia andrei*

EH/4

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

**21/30434759 DC**

BS EN 17750 Agricultural and forestry machinery. Light-signalling devices and installation on mounted implements

AGE/32

*Comments for the above document are required by 30 November, 2021*

**21/30434779 DC**

BS EN 16611 Furniture. Assessment of the surface resistance to microscratching

FW/01

*Comments for the above document are required by 21 December, 2021*

**21/30434782 DC**

BS EN 13721 Furniture. Assessment of the surface reflectance

FW/01

*Comments for the above document are required by 21 December, 2021*

**21/30435354 DC**

BS EN 1417 Plastics and rubber machines. Two-roll mills. Safety requirements

MCE/3/2

*Comments for the above document are required by 30 November, 2021*

**21/30435531 DC**

BS EN IEC 62803-2 Transmitting and receiving equipment for radiocommunication. Frequency response of optical-to-electric conversion device in high-frequency radio over fibre systems.

Measurement method of common-mode rejection ratio of optical coherent detection device for radio over fibre transmitter

EPL/103

*Comments for the above document are required by 29 December, 2021*

**21/30435599 DC**

BS EN IEC 62561-5 Lightning protection system components (LPSC). Requirements for earth electrode inspection housings and earth electrode seals

GEL/81

*Comments for the above document are required by 10 November, 2021*

**21/30435721 DC**

BS 8484 Provision of lone worker services. Code of practice

GW/1

*Comments for the above document are required by 3 January, 2022*

**21/30435774 DC**

BS ISO/IEC 23090-8 AMD2 Information technology. Coded representation of immersive media. Network based media processing

IST/37

*Comments for the above document are required by 6 December, 2021*

**21/30435777 DC**

BS ISO/IEC 23090-10 AMD1 Information technology. Coded representation of immersive media. Carriage of visual volumetric video-based coding data

IST/37

*Comments for the above document are required by 8 December, 2021*

**21/30435780 DC**

BS ISO/IEC 23003-4 AMD1 Information technology. MPEG audio technologies. Dynamic range control

IST/37

*Comments for the above document are required by 27 November, 2021*

**21/30435806 DC**

BS EN ISO 11127-7 Preparation of steel substrates before application of paints and related products. Test methods for non-metallic blast-cleaning abrasives. Determination of water-soluble chlorides

STI/21

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

**21/30435943 DC**

BS EN 16307-3 Industrial trucks. Safety requirements and verification. Supplementary requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (additional requirements to EN 16307-1)

MHE/7

*Comments for the above document are required by 21 December, 2021*

**21/30435946 DC**

BS EN 16307-2 Industrial trucks. Safety requirements and verification. Supplementary requirements for self-propelled variable-reach trucks

MHE/7

*Comments for the above document are required by 14 December, 2021*

**21/30435970 DC**

BS EN 15987 Leather. Terminology. Key definitions for the leather trade

TCI/69

*Comments for the above document are required by 4 January, 2022*

**21/30435016 DC**

BS EN 12978 Industrial, commercial and garage doors and gates and pedestrian doorsets. Protective devices for power operated doors and gates. Requirements and test methods

B/538/1

*Comments for the above document are required by 14 December, 2021*

**21/30436232 DC**

BS EN 16207 Railway applications. Braking. Functional and performance criteria of Magnetic Track Brake systems for use in railway rolling stock

RAE/4/-1

*Comments for the above document are required by 30 November, 2021*

**21/30436560 DC**

BS EN ISO 7933.2 Ergonomics of the thermal environment. Analytical determination and interpretation of heat stress using calculation of the predicted heat strain

PH/9/-1

*Comments for the above document are required by 8 December, 2021*

**21/30436579 DC**

BS EN 12580 Soil improvers and growing media. Determination of a quantity

AW/20

*Comments for the above document are required by 28 December, 2021*

**21/30436582 DC**

BS EN 15238 Soil improvers and growing media. Determination of quantity for materials with particle size greater than 60 mm

AW/20

*Comments for the above document are required by 28 December, 2021*

**21/30436749 DC**

BS ISO 19388 Sludge recovery, recycling, treatment and disposal. Guidelines for the operation of anaerobic digestion facilities

EH/5

*Comments for the above document are required by 5 December, 2021*

**21/30437150 DC**

BS EN 16757 Sustainability of construction works. Environmental product declarations. Product Category Rules for concrete and concrete elements

B/524

*Comments for the above document are required by 7 December, 2021*

**21/30437189 DC**

BS EN 13763-27 Explosives for civil uses. Detonators and detonating cord relays. Risk analysis and test methods for electronic initiation systems

CI/61

*Comments for the above document are required by 21 December, 2021*

**21/30437580 DC**

BS ISO/IEC 29146 AMD1 Information technology. Security techniques. A framework for access management

IST/33

*Comments for the above document are required by 19 December, 2021*

**21/30437902 DC**

BS ISO 21268-5 Soil quality. Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil-like materials. Batch test with forced aerobic or anaerobic conditions

EH/4

*Comments for the above document are required by 13 December, 2021*

**21/30437997 DC**

BS EN IEC 62899-202-10 Printed Electronics. Materials. Resistance measurement method for thermoformable conducting layers

AMT/9

*Comments for the above document are required by 29 December, 2021*

**21/30438592 DC**

BS EN 12697-47 Bituminous mixtures. Test methods. Determination of the ash content of natural asphalts

B/510/1

*Comments for the above document are required by 30 November, 2021*

**21/30438910 DC**

BS EN 61010-2-101 Safety requirements for electrical equipment for measurement, control, and laboratory use. Safety requirements for in vitro diagnostic (IVD) medical equipment

EPL/66

*Comments for the above document are required by 22 December, 2021*

**21/30439053 DC**

BS EN IEC 60350-1 Household electric cooking appliances. Ranges, ovens, steam ovens and grills. Methods for measuring performance

CPL/59

*Comments for the above document are required by 22 December, 2021*

**21/30439057 DC**

BS EN IEC 61591 Cooking fume extractors. Methods for measuring performance

CPL/59

*Comments for the above document are required by 25 November, 2021*

**21/30439611 DC**

BS EN 12377 Packaging. Flexible tubes. Test method for the air tightness of closures

PKW/0/-10

*Comments for the above document are required by 30 November, 2021*

**21/30439614 DC**

BS EN 13048 Packaging. Flexible aluminium tubes. Internal lacquer film thickness measurement method

PKW/0/-10

*Comments for the above document are required by 30 November, 2021*

**21/30439617 DC**

BS EN 12374 Packaging. Flexible tubes. Terminology

PKW/0/-10

*Comments for the above document are required by 30 November, 2021*

**21/30439829 DC**

BS EN ISO 18122 Solid biofuels. Determination of ash content

PTI/17

*Comments for the above document are required by 24 November, 2021*

**21/30439833 DC**

BS ISO 18134-1 Solid biofuels. Determination of moisture content. Oven dry method. Total moisture. Reference method

PTI/17

*Comments for the above document are required by 7 December, 2021*

**21/30439845 DC**

BS ISO 2232 Round non-alloy steel wires for general purpose wire ropes, large diameter wire ropes and mine hoisting wire ropes. Specifications

MHE/2

*Comments for the above document are required by 25 December, 2021*

**21/30439859 DC**

BS ISO 4091 AMD1 Road vehicles. Connectors for the electrical connection of towing and towed vehicles. Definitions, tests and requirements

AUE/32

*Comments for the above document are required by 15 December, 2021*

**21/30440241 DC**

BS EN 12390-19 Testing of hardened concrete. Determination of resistivity

B/517/1

*Comments for the above document are required by 30 November, 2021*

**21/30440300 DC**

BS EN 17740 Requirements for professional profiles related to personal data processing and protection

IST/33/5

*Comments for the above document are required by 14 December, 2021*

**21/30440698 DC**

BS EN ISO 16474-2 AMD1 Paints and varnishes. Methods of exposure to laboratory light sources. Xenon-arc lamps

STI/10

*Comments for the above document are required by 18 December, 2021*

**21/30440712 DC**

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

MCE/22

*Comments for the above document are required by 1 January, 2022*

**21/30441032 DC**

BS EN 30-1-4 Domestic cooking appliances burning gas. Safety. Appliances having one or more burners with an automatic burner control system

GSE/35

*Comments for the above document are required by 14 December, 2021*

**21/30441035 DC**

BS EN 71-13 AMD1 Safety of toys. Olfactory board games, cosmetic kits and gustative games

CW/15

*Comments for the above document are required by 30 November, 2021*

**21/30441043 DC**

BS EN 16904 Plastics piping systems. Environmental product declarations. Product Category rules complementary to EN 15804, for plastic piping systems inside buildings

PRI/88

*Comments for the above document are required by 28 December, 2021*

**21/30441046 DC**

BS EN 16903 Plastics piping systems. Environmental product declarations. Product Category Rules complementary to EN 15804, for buried plastics piping systems

PRI/88

*Comments for the above document are required by 28 December, 2021*

**21/30441062 DC**

BS EN 17746 Electronic cigarettes and e-liquids. Determination of nicotine delivery consistency over defined puff sequences within a single e-cigarette

CH/437

*Comments for the above document are required by 14 December, 2021*

**21/30441328 DC**

BS EN IEC 62471-7 Photobiological safety of lamps and lamp systems. Light sources and luminaires primarily emitting visible radiation

CPU/34

*Comments for the above document are required by 22 December, 2021*

**21/30441543 DC**

BS EN 13496 Thermal insulation products for building applications. Determination of the mechanical properties of glass fibre meshes as reinforcement for External Thermal Insulation Composite Systems with renders (ETICS)

B/540

*Comments for the above document are required by 21 December, 2021*

**21/30441565 DC**

BS EN 13077 Devices to prevent pollution by backflow of potable water. Air gap with non-circular overflow (unrestricted). Family A. Type B

B/504/-14

*Comments for the above document are required by 28 December, 2021*

**21/30441590 DC**

BS EN 45545-2 AMD1 Railway applications. Fire protection on railway vehicles. Requirements for fire behaviour of materials and components

FSH/19

*Comments for the above document are required by 30 November, 2021*

**21/30441607 DC**

BS EN 15634-4 Foodstuffs. Detection of food allergens by molecular biological methods. Peanut (*Arachis hypogaea*). Qualitative detection of a specific DNA sequence in chocolate by real-time PCR

AW/275

*Comments for the above document are required by 4 January, 2022*

**21/30441610 DC**

BS EN 15634-3 Foodstuffs. Detection of food allergens by molecular biological methods. Hazelnut (*Corylus avellana*). Qualitative detection of a specific DNA sequence in chocolate by real-time PCR

AW/275

*Comments for the above document are required by 4 January, 2022*

**21/30441613 DC**

BS EN 15634-5 Foodstuffs. Detection of food allergens by molecular biological methods. Mustard (*Sinapis alba*) and soya (*Glycine max*). Qualitative detection of a specific DNA sequence in cooked sausages by real-time PCR

AW/275

*Comments for the above document are required by 4 January, 2022*

**21/30441619 DC**

BS EN 17763 Centrifuges. Marine fuel centrifuges. Determination of particle separation performance and certified flow rate (CFR) under defined test conditions

PTI/2/-14

*Comments for the above document are required by 30 November, 2021*

**21/30441624 DC**

BS EN 16602-70-61 Space product assurance. High-reliability soldering for surface mount, mixed technology and hand-mounted electrical connections

£18.00 members, £36.00 non-members

ACE/68

*Comments for the above document are required by 30 November, 2021*

**21/30441627 DC**

BS EN 16603-20 Space engineering. Electrical and electronic

£18.00 members, £36.00 non-members

ACE/68

*Comments for the above document are required by 30 November, 2021*

**21/30441630 DC**

BS EN 16602-60-13 Space product assurance. Commercial electrical, electronic and electromechanical (EEE) components

£18.00 members, £36.00 non-members

ACE/68

*Comments for the above document are required by 30 November, 2021*

**21/30441671 DC**

BS EN 16602-60 Space product assurance. Electrical, electronic and electromechanical (EEE) components

£18.00 members, £36.00 non-members

ACE/68

*Comments for the above document are required by 30 November, 2021*

**21/30441936 DC**

BS EN 50173-20 Information technology. Generic cabling systems. Alternative cabling configurations

TCT/7

*Comments for the above document are required by 8 December, 2021*

**21/30441939 DC**

BS EN 50697 Information technology. Measurement of end-to-end links, modular plug terminated links and direct attach cabling

TCT/7

Comments for the above document are required by 8 December, 2021

**21/30441948 DC**

BS ISO/IEC 23008-3 Information technology. High efficiency coding and media delivery in heterogeneous environments. 3D audio  
£40.00 members, £80.00 non-members

IST/37

Comments for the above document are required by 12 December, 2021

**21/30441960 DC**

BS IEC/ISO 14496-10 Information technology. Coding of audio-visual objects. Advanced video coding

£40.00 members, £80.00 non-members

IST/37

Comments for the above document are required by 28 November, 2021

**21/30441963 DC**

BS ISO/IEC 23002 Information technology. MPEG video technologies. Versatile supplemental enhancement information messages for coded video bitstreams

£18.00 members, £36.00 non-members

IST/37

Comments for the above document are required by 28 November, 2021

**21/30441966 DC**

BS ISO/IEC 23090-3 Information technology. Coded representation of immersive media. Versatile video coding

£40.00 members, £80.00 non-members

IST/37

Comments for the above document are required by 28 November, 2021

**21/30442087 DC**

BS EN 15560 Fertilizers. Determination of total nitrogen in calcium cyanamide nitrate free

CII/37

Comments for the above document are required by 4 January, 2022

**21/30442090 DC**

BS EN 15561 Fertilizers. Determination of total nitrogen in calcium cyanamide containing nitrates

CII/37

Comments for the above document are required by 4 January, 2022

**21/30442093 DC**

BS EN 15562 Fertilizers. Determination of cyanamide nitrogen

CII/37

Comments for the above document are required by 4 January, 2022

**21/30442096 DC**

BS EN 12946 Liming materials. Determination of the calcium content and magnesium content. Complexometric method

CII/37

Comments for the above document are required by 4 January, 2022

**21/30442099 DC**

BS EN 1811 Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin

CWI/217

Comments for the above document are required by 28 December, 2021

**21/30442281 DC**

BS EN IEC 63403-1 LED packages for horticultural lighting. Specification sheet

CPL/34

Comments for the above document are required by 29 December, 2021

**21/30442285 DC**

BS EN IEC 63403-2 LED packages for horticultural lighting. Characterization method

CPL/34

Comments for the above document are required by 29 December, 2021

**21/30442309 DC**

BS EN ISO 7817 Building information modelling. Level of information need. Concepts and principles. Concepts and principles

B/555

Comments for the above document are required by 20 December, 2021

**21/30442335 DC**

BS ISO/IEC 23090-5 Information technology. Coded representation of immersive media. Visual volumetric video-based coding (V3C) and video-based point cloud compression (V-PCC)

£33.00 members, £66.00 non-members

IST/37

Comments for the above document are required by 28 November, 2021

**21/30442338 DC**

BS ISO 23498 Graphic technology. Visual opacity of printed white ink

PAI/43

Comments for the above document are required by 30 November, 2021

**21/30442370 DC**

BS EN 19 Industrial valves. Marking of metallic valves

PSE/18/1

Comments for the above document are required by 28 December, 2021

**21/30442395 DC**

BS EN 927-14 Paints and varnishes. Coating materials and coating systems for exterior wood. Determination of tensile properties of coating films

STI/28

Comments for the above document are required by 4 January, 2022

**21/30442401 DC**

BS EN 13489 Wood-flooring and parquet. Multi-layer parquet elements

B/543

Comments for the above document are required by 4 January, 2022

**21/30442419 DC**

BS EN 14363 AMD2 Railway applications. Testing and Simulation for the acceptance of running characteristics of railway vehicles. Running Behaviour and stationary tests

RAE/1/-/8

Comments for the above document are required by 4 January, 2022

**21/30442426 DC**

BS EN 15194 AMD1 Cycles. Electrically power assisted cycles. EPAC Bicycles

GME/25

Comments for the above document are required by 28 December, 2021

**21/30442719 DC**

BS ISO 20766-6 AMD1 Road vehicles. Liquefied petroleum gas (LPG) fuel systems components. Pressure relief valves (PRV)

GSE/40

Comments for the above document are required by 21 December, 2021

**21/30442942 DC**

BS ISO 21420 AMD1 Protective gloves. General requirements and test methods

PH/3

Comments for the above document are required by 26 December, 2021

**21/30443655 DC**

BS EN ISO 2740 Sintered metal materials, excluding hardmetals. Tensile test pieces

ISE/65

Comments for the above document are required by 3 January, 2022

**21/30444893 DC**

BS EN IEC 61810-7-54 All-or-nothing electrical relays. Tests and Measurements. Critical DC load current test

EPL/94

Comments for the above document are required by 3 November, 2021

**21/30444897 DC**

BS EN IEC 61810-7-53 All-or-nothing electrical relays. Tests and Measurements. Slow decrease and increase of supply voltage

EPL/94

Comments for the above document are required by 3 November, 2021



**21/30444901 DC**

BS EN IEC 61810-7-51 All-or-nothing electrical relays. Tests and Measurements. Reset behavior at coil voltage drop

EPL/94

*Comments for the above document are required by 3 November, 2021*

**21/30444905 DC**

BS EN IEC 61810-7-47 All-or-nothing electrical relays. Tests and Measurements. Making and breaking capacities

EPL/94

*Comments for the above document are required by 1 December, 2021*

**21/30444909 DC**

BS EN IEC 61810-7-46 All-or-nothing electrical relays. Tests and Measurements. Surge withstand test

EPL/94

*Comments for the above document are required by 1 December, 2021*

**21/30444913 DC**

BS EN IEC 61810-7-45 All-or-nothing electrical relays. Tests and measurements. Maximum cycling frequency

EPL/94

*Comments for the above document are required by 3 November, 2021*

**21/30444917 DC**

BS EN IEC 61810-7-44 All-or-nothing electrical relays. Tests and Measurements. Salt mist

EPL/94

*Comments for the above document are required by 1 December, 2021*

**21/30445138 DC**

BS HD 60269-3 Low-voltage fuses. Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household or similar applications). Examples of standardized systems of fuses A to F  
£18.00 members, £36.00 non-members

PEL/32

*Comments for the above document are required by 1 December, 2021*

**21/30445169 DC**

BS EN IEC 61810-7-8 All-or-nothing electrical relays. Tests and Measurements. Timing

EPL/94

*Comments for the above document are required by 17 November, 2021*

**21/30445181 DC**

BS EN IEC 62648 Graphical symbols for use on equipment. Guidelines for the inclusion of graphical symbols in IEC publications

GEL/3

*Comments for the above document are required by 8 December, 2021*

**21/30445276 DC**

BS ISO/IEC 11801-6 AMD1 Information technology. Generic cabling for customer premises. Distributed building services

TCT/7

*Comments for the above document are required by 1 December, 2021*

**21/30445449 DC**

BS EN 50059 Electrostatic hand-held spraying equipment. Safety requirements. Hand-held spraying equipment for non-ignitable coating materials

EXL/31/-1

*Comments for the above document are required by 1 December, 2021*

**21/30445574 DC**

BS EN 2944 Series. Inserts, screw thread, helical coil, self-locking, in corrosion resisting steel FE-PA3004

ACE/12

*Comments for the above document are required by 21 December, 2021*

**21/30445592 DC**

BS EN 2882 Aerospace series. Nuts, hexagonal, self-locking, with counterbore and captive washer, in steel, cadmium plated, MoS2 lubricated. Classification. 1 100 MPa (at ambient temperature) / 235 °C

ACE/12

*Comments for the above document are required by 21 December, 2021*

**21/30445611 DC**

BS EN 61810-7-39 All-or-nothing electrical relays. Tests and Measurements. Insertion and withdrawal force (mating relay and socket)

EPL/94

*Comments for the above document are required by 17 November, 2021*

**21/30445615 DC**

BS EN 61810-7-35 All-or-nothing electrical relays. Tests and Measurements. Resistance to cleaning solvents

EPL/94

*Comments for the above document are required by 17 November, 2021*

**21/30445619 DC**

BS EN 61810-7-5 All-or-nothing electrical relays. Tests and Measurements. Insulation resistance

EPL/94

*Comments for the above document are required by 17 November, 2021*

**21/30445647 DC**

BS EN 60079-0 Explosive atmospheres. Equipment. General requirements  
£18.00 members, £36.00 non-members

EXL/31

*Comments for the above document are required by 15 December, 2021*

**21/30445883 DC**

BS ISO 7905-4 Plain bearings. Bearing fatigue. Tests on half-bearings of a metallic multilayer bearing material

MCE/12

*Comments for the above document are required by 11 November, 2021*

**21/30445884 DC**

BS ISO 20671-2.2 Brand evaluation. Implementation and reporting

SVS/12

*Comments for the above document are required by 7 November, 2021*

**21/30445885 DC**

BS EN 61800-9-1 Adjustable speed electrical power drive systems. Ecodesign for motor systems. General requirements for setting energy efficiency standards

PEL/22

*Comments for the above document are required by 11 November, 2021*

**21/30445886 DC**

BS EN 62443-2-2 Security for industrial automation and control systems. IACS Security Protection

GEL/65

*Comments for the above document are required by 11 November, 2021*

**21/30445887 DC**

BS EN IEC 63145-22-20 Eyewear display. Specific measurement methods for AR type. Image quality

EPL/47

*Comments for the above document are required by 10 November, 2021*

**21/30445918 DC**

BS EN IEC 55011 Fragment 2. Miscellaneous, definitions and annexes

GEL/210/11

*Comments for the above document are required by 8 December, 2021*

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**21/30445919 DC**

BS EN IEC 55011 Fragment 3. Requirements for radio beam wireless power transfer (WPTAAD) equipment

GEL/210/11

*Comments for the above document are required by 8 December, 2021*

**21/30445920 DC**

BS EN IEC 55011 Fragment 4 Requirements for measurements of robots

GEL/210/11

*Comments for the above document are required by 8 December, 2021*

**21/30445921 DC**

BS EN IEC 55011 Fragment 5. Requirements for wired network ports

GEL/210/11

*Comments for the above document are required by 8 December, 2021*

**21/30445922 DC**

BS EN IEC 55011 Fragment 6. Requirements for radiated emissions above 1 GHz

GEL/210/11

*Comments for the above document are required by 8 December, 2021*

**21/30445923 DC**

BS EN IEC 55011 Fragment 7 Requirements for radio enabled products

GEL/210/11

*Comments for the above document are required by 8 December, 2021*

**21/30445975 DC**

BS EN IEC 61810-7-52 All-or-nothing electrical relays. Tests and Measurements. Coil overvoltage

EPL/94

*Comments for the above document are required by 24 November, 2021*

**21/30445979 DC**

BS EN IEC 61810-7-50 All-or-nothing electrical relays. Tests and Measurements. Momentary drop in supply voltage

EPL/94

*Comments for the above document are required by 24 November, 2021*

**21/30445983 DC**

BS EN IEC 61810-7-49 All-or-nothing electrical relays. Tests and Measurements. Long term stability of sealing

EPL/94

*Comments for the above document are required by 24 November, 2021*

**21/30445987 DC**

BS EN IEC 61810-7-48 All-or-nothing electrical relays. Tests and Measurements. Contact reliability test

EPL/94

*Comments for the above document are required by 24 November, 2021*

**21/30445991 DC**

BS EN IEC 60966-3 Radio frequency and coaxial cable assemblies. Sectional specification for semi-flexible coaxial cable assemblies

EPL/46

*Comments for the above document are required by 22 December, 2021*

**21/30445995 DC**

BS EN IEC 60966-3-1 Radio frequency and coaxial cable assemblies. Blank detail specification for semi-flexible coaxial cable assemblies

EPL/46

*Comments for the above document are required by 22 December, 2021*

**21/30445999 DC**

BS EN IEC 60966-4 Radio frequency and coaxial cable assemblies. Sectional specification for semi-rigid coaxial cable assemblies

EPL/46

*Comments for the above document are required by 22 December, 2021*

**21/30446059 DC**

BS EN 60966-2-2 Radio frequency and coaxial cable assemblies. Blank detail specification for flexible coaxial cable assemblies

EPL/46

*Comments for the above document are required by 22 December, 2021*

**21/30446173 DC**

BS ISO/ASTM 51539 Guidance for use of radiation-sensitive indicators

NCE/2

*Comments for the above document are required by 12 December, 2021*

**21/30446251 DC**

BS EN 50528 Insulating ladders for use on or near low voltage electrical installations

PEL/78

*Comments for the above document are required by 15 December, 2021*

**21/30446623 DC**

BS EN ISO/CIE 11664-2.2 Colorimetry. CIE standard illuminants

EL/1

*Comments for the above document are required by 17 November, 2021*

**21/30446636 DC**

BS EN IEC 61189-2-808 Test methods for electrical materials, printed board and other interconnection structures and assemblies. Thermal resistance of an assembly by thermal transient method

EPL/501

*Comments for the above document are required by 22 December, 2021*

**21/30446682 DC**

BS ISO/IEC 14763-3 Information technology. Implementation and operation of customer premises cabling. Testing of optical fibre cabling

TCT/7/1

*Comments for the above document are required by 22 December, 2021*

**21/30446689 DC**

BS EN IEC 60598-1 Luminaires. General requirements and tests

£33.00 members, £66.00 non-members

CPL/34/4

*Comments for the above document are required by 29 December, 2021*

**21/30446690 DC**

BS EN IEC 61753-081-02 Fibre optic interconnecting devices and passive components. Performance standard. Non-connectorized single-mode fibre optic middle-scale 1 x N DWDM devices for category C. Controlled environments

GEL/86/2

*Comments for the above document are required by 29 December, 2021*

**21/30446691 DC**

BS EN IEC 62908-22-10 Touch and interactive displays. Measuring methods of fingerprint recognition performance. Under-display optical imaging fingerprint sensing

EPL/47

*Comments for the above document are required by 1 December, 2021*

**21/30446694 DC**

BS ISO/IEC 15067-3-31 Information technology. Home Electronic System (HES) application model. Protocol of Energy Management Agents for demand response energy management and interactions among these agents

TCT/7

*Comments for the above document are required by 1 December, 2021*

**21/30446695 DC**

BS ISO/IEC 15067-3-51 Information technology. Home Electronic System (HES) application model. Framework of an On-Premises Narrow AI Engine for an Energy Management System using Energy Management Agents

IST/6/-12

*Comments for the above document are required by 1 December, 2021*

**21/30446696 DC**

BS ISO/IEC 11801-1:2017 AMD1 Information technology. Generic cabling for customer premises. General requirements

TCT/7

*Comments for the above document are required by 29 December, 2021*

**21/30446697 DC**

BS ISO/IEC 24383 Information technology. Physical network security for the accommodation of customer premises cabling infrastructure and information technology equipment

TCT/7

*Comments for the above document are required by 29 December, 2021*

**21/30446699 DC**

BS ISO/IEC 15067-3-30 Information technology. Home Electronic System (HES) application model. EMA functional requirements and interfaces

TCT/7

*Comments for the above document are required by 1 December, 2021*

**21/30446778 DC**

BS EN IEC 61000-6-3 AMD1 Fragment 4. Electromagnetic compatibility (EMC). Generic standards. Emission standard for equipment in residential environments

GEL/210/11

*Comments for the above document are required by 22 December, 2021*

**21/30446007 DC**

BS EN 60966-2-1 Radio frequency and coaxial cable assemblies. Sectional specification for flexible coaxial cable assemblies

EPL/46

*Comments for the above document are required by 22 December, 2021*

**21/30446003 DC**

BS EN 60966-4-1 Radio frequency and coaxial cable assemblies. Blank detail specification for semi-rigid coaxial cable assemblies

EPL/46

*Comments for the above document are required by 22 December, 2021*

**21/30447221 DC**

BS ISO 8965.2 Logging industry. Technology. Vocabulary

B/543

*Comments for the above document are required by 8 December, 2021*

**21/30440185 DC**

BS ISO/IEC 13818-1 AMD1 Information technology. Generic coding of moving pictures and associated audio information. Systems

IST/37

*Comments for the above document are required by 28 November, 2021*

**21/30400352 DC**

BS ISO 24260 Thermal insulation products. Hemp fiber mat and board. Specification

B/540/8

*Comments for the above document are required by 14 December, 2021*

**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:–  
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**IEC 62769-2**

Field Device Integration (FDI). FDI Client

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GEL/65/5

**IEC 62769-4**

Field Device Integration (FDI). FDI Packages

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**IEC 62769-5**

Field Device Integration (FDI). Information Model

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**IEC 62769-7**

Field Device Integration (FDI). Communication Devices

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**IEC 62769-8**

Field Device Integration (FDI). EDD to OPC-UA Mapping

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GEL/65/5

**IEC 80601-2-26:2019/COR1**

Medical electrical equipment. Particular requirements for the basic safety and essential performance of electro encephalographs

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CH/62/4

**IEC/PAS 63421**

Zhaga Interface Specification Book 18 including Book 1. Outdoor Luminaire Extension Interface

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CPL/34

**IEC 62769-3**

Field Device Integration (FDI). Server

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GEL/65/5

**IEC/PAS 63422**

Zhaga Interface Specification Book 20 including Book 1. Smart interface between indoor luminaires and sensing/communication modules

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CPL/34

**ISO 11271**

Soil quality. Determination of redox potential. Field method

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**IEC 62769-151-1**

Field Device Integration (FDI). Profiles. OPC UA

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GEL/65/5

**ISO 16612-1**

Graphic technology. Variable printing data exchange. Using PPML 2.1 and PDF 1.4 (PPML/VDX-2005)

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PAI/43

**IEC 62769-101-2**

Field Device Integration (FDI). Profiles. Foundation Fieldbus HSE

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GEL/65/5

**ISO 1827**

Rubber, vulcanized or thermoplastic. Determination of shear modulus and adhesion to rigid plates. Quadruple-shear methods

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PR1/22

**ISO 19445**

Graphic technology. Metadata for graphic arts workflow. XMP metadata for image and document proofing

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PAI/43

**ISO 2782-1**

Rubber, vulcanized or thermoplastic. Determination of permeability to gases. Differential-pressure methods  
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PRI/22

**ISO 3302-2**

Rubber. Tolerances for products. Geometrical tolerances  
Committee Service Centre  
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PRI/54

**ISO 4666-3**

Rubber, vulcanized. Determination of temperature rise and resistance to fatigue in flexometer testing. Compression flexometer (constant-strain type)  
Ellena Cullum  
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PRI/22

**ISO 8528-12**

Reciprocating internal combustion engine driven alternating current generating sets. Emergency power supply to safety services  
Committee Service Centre  
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MCE/14

**ISO 1407**

Determination of solvent extract  
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PRI/22

**IEC 60947-3:2020/COR1**

Low-voltage switchgear and controlgear. Switches, disconnectors, switch-disconnectors and fuse-combination units  
Simon Bounds  
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PEL/121/1

**ISO 12640-3**

Graphic technology. Prepress digital data exchange. CIELAB standard colour image data (CIELAB/SCID)  
Delme Stephenson  
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PAI/43

**ISO 9924-1**

Rubber and rubber products. Determination of the composition of vulcanizates and uncured compounds by thermogravimetry. Butadiene, ethylene-propylene copolymer and terpolymer, isobutene-isoprene, isoprene and styrene-butadiene rubbers  
Ellena Cullum  
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PRI/22

**EN 3155-074**

Aerospace series. Electrical contacts used in elements of connection. Contacts, electrical, quadrax, size 8, male, type E, crimp, class R. Product standard  
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ACE/6

**EN 3155-075**

Aerospace series. Electrical contacts used in elements of connection. Contacts, electrical, quadrax, size 8, female, type E, crimp, class R. Product standard  
Committee Service Centre  
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ACE/6

**EN 3745-412**

Aerospace series. Fibres and cables, optical, aircraft use. Test methods. Humidity resistance  
Committee Service Centre  
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ACE/6

**EN 4677-001**

Aerospace series. Welded and brazed assemblies for aerospace constructions. Joints of metallic materials by electron beam welding. Quality of welded assemblies  
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ACE/61

**EN 6059-401**

Aerospace series. Electrical cables, installation. Protection sleeves. Test methods. Expansion range  
Committee Service Centre  
csc@bsigroup.com  
ACE/6

**IEC 60068-3-3:2019/COR1**

Environmental testing. Supporting documentation and guidance. Seismic test methods for equipment  
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GEL/104

**IEC 60079-5:2015/A1**

Explosive atmospheres. Equipment protection by powder filling q  
Christopher Brown  
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EXL/31

**IEC 62769-103-1**

Field Device Integration (FDI). Profiles. PROFIBUS  
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GEL/65/5

**IEC 60601-2-43**

Medical electrical equipment. Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures  
Jacinta Hampton  
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CH/62/2

**IEC 62769-150-1**

Field device integration (FDI). Profiles. ISA100 WIRELESS  
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GEL/65/5

**IEC 62044-3:2000/COR1**

Cores made of soft magnetic materials. Measuring methods. Magnetic properties at high excitation level  
Committee Service Centre  
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EPL/51

**IEC 62271-101:2021/COR1**

High-voltage switchgear and controlgear. Synthetic testing  
Nicola Young  
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PEL/17

**IEC 62281:2019/A2**

Safety of primary and secondary lithium cells and batteries during transport  
Nicola Young  
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CPL/35

**IEC 62769-1**

Field Device Integration (FDI). Overview  
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GEL/65/5

**IEC 62769-100**

Field device integration (FDI). Profiles. Generic protocols  
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GEL/65/5

**IEC 62769-101-1**

Field device Integration (FDI). Profiles. Foundation Fieldbus H1  
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GEL/65/5

**IEC 62769-102-2**

Field Device Integration (FDI). Profiles. EtherNet/IP  
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#### IEC 62769-103-4

Field Device Integration (FDI). Profiles. PROFINET

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GEL/65/5

#### IEC 62769-109-1

Field device integration (FDI). Profiles. HART(r) and WirelessHART®

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GEL/65/5

#### IEC 60335-2-104

Household and similar electrical appliances. Safety. Particular requirements for appliances to recover and/or recycle refrigerant from air conditioning and refrigeration equipment

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CPL/61/4

#### IEC/TS 63266

Representation of communication in power utility automation

Simon Bounds

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GEL/3

*Amendment, November 2021*

### SPECIAL ANNOUNCEMENTS

Comments can be sent by email or by post to named contacts at:-

BSI Group

389 Chiswick High Road

London W4 4AL

#### BS ISO 22967:2010

Forced draught gas burners

This standard has been withdrawn as the scope of the standard conflicts with that of BS EN 676:2020

Contact: Simon Merriman

Email: simon.merriman@bsigroup.com

GSE/27

#### BS ISO 22968:2010

Forced draught oil burners

This standard has been withdrawn as the scope of the standard conflicts with that of BS EN 267:2020

Contact: Simon Merriman

Email: simon.merriman@bsigroup.com

GSE/27

### 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 246:2021

Sanitary tapware. General specifications for aerators

B/504

#### EN 415-3:2021

Safety of packaging machines. Form, fill and seal machines; fill and seal machines

MCE/3/3

#### EN 415-11:2021

Safety of packaging machines. Determination of efficiency and availability

MCE/3/3

#### EN 508-1:2021

Roofing and cladding products from metal sheet. Specification for self-supporting products of steel, aluminium or stainless steel sheet. Steel

B/542/5

#### EN 508-3:2021

Roofing and cladding products from metal sheet. Specification for self-supporting products of steel, aluminium or stainless steel sheet. Stainless steel

B/542/5

#### EN 877:2021

Cast iron pipe systems and their components for the evacuation of water from works. characteristics and test methods

PSE/10

#### EN ISO/IEC 29101:2021

Information technology. Security techniques. Privacy architecture framework

IST/33

*(ISO/IEC 29101:2018)*

#### EN 1034-4:2021

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

MCE/3

#### EN 1439:2021

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

PVE/19

#### EN 2755:2021

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

ACE/12

#### EN ISO 3691-6:2021

Industrial trucks. Safety requirements and verification. Burden and personnel carriers

MHE/7

*(ISO 3691-6:2021)*

#### EN ISO 3834-5:2021

Quality requirements for fusion welding of metallic materials. Documents with which it is necessary to conform to claim conformity to the quality requirements of ISO 3834-2, ISO 3834-3 or ISO 3834-4

WEE/36

*(ISO 3834-5:2021)*

#### EN ISO 4307:2021

Molecular in vitro diagnostic examinations. Specifications for pre-examination processes for saliva. Isolated human DNA

CH/212

*(ISO 4307:2021)*

#### EN ISO 4524-3:2021

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

STI/33

*(ISO 4524-3:2021)*

#### EN 4613:2021

Aerospace series. Spherical plain bearing in corrosion resisting steel with self-lubricating liner, narrow series. Dimensions and loads. Inch series

ACE/12

#### EN 4614:2021

Aerospace series. Spherical plain bearing in corrosion resisting steel with self-lubricating liner, wide series. Dimensions and loads. Inch series

ACE/12

#### EN ISO 4674-2:2021

Rubber- or plastics-coated fabrics. Determination of tear resistance. Ballistic pendulum method

PRU/70

*(ISO 4674-2:2021)*

#### EN ISO 6370-1:2021

Vitreous and porcelain enamels. Determination of the resistance to abrasion. Abrasion testing apparatus

STI/36

*(ISO 6370-1:1991)*

**EN ISO 6370-2:2021**

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

STI/36

(ISO 6370-2:2020)

**EN ISO 6450:2021**

Rubber- or plastics-coated fabrics. Determination of resistance to liquids

TCI/24

(ISO 6450:2021)

**EN ISO 8666:2020/A11:2021**

Small craft. Principal data

GME/33

(ISO 8666:2020)

**EN 9208:2021**

Aerospace series. Programme management. Expression of need. Guidance on and format for (Need) Technical Specification

ACE/1

**EN ISO 10535:2021**

Assistive products. Hoists for the transfer of persons. Requirements and test methods

CHI/173

(ISO 10535:2021)

**EN ISO 10591:2021**

Building and civil engineering sealants. Determination of adhesion/cohesion properties of sealants after immersion in water

B/547

(ISO 10591:2021)

**EN ISO 11114-2:2021**

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

PVE/3

(ISO 11114-2:2021)

**EN ISO 11432:2021**

Building and civil engineering sealants. Determination of resistance to compression

B/547

(ISO 11432:2021)

**EN ISO 11592-2:2021**

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

(ISO 11592-2:2021)

**EN ISO 11807-1:2021**

Integrated optics. Vocabulary. Basic terms and symbols

CPW/172

(ISO 11807-1:2021)

**EN ISO 11807-2:2021**

Integrated optics. Vocabulary. Terms used in classification

CPW/172

(ISO 11807-2:2021)

**EN ISO 11916-3:2021**

Soil quality. Determination of selected explosives and related compounds. Method using liquid chromatography-tandem mass spectrometry (LC-MS/MS)

EH/4

(ISO 11916-3:2021)

**EN 12301:2019/AC:2021**

Plastics and rubber machines. Calenders. Safety requirements

MCE/3/2

**EN 12385-5:2021/AC:2021**

Steel wire ropes. Safety. Stranded ropes for lifts

MHE/2

**EN 12697-48:2021**

Bituminous mixtures. Test methods. Interlayer Bonding

B/510/1

**EN 12732:2021**

Gas infrastructure. Welding steel pipework. Functional requirements

GSE/33

**EN 12873-4:2021**

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

EH/6

**EN 13032-3:2021**

Light and lighting. Measurement and presentation of photometric data of lamps and luminaires. Presentation of data for emergency lighting of workplaces

EL/1/1

**EN 13138-1:2021**

Buoyant aids for swimming instruction. Safety requirements and test methods for buoyant aids to be worn

SW/136/8

**EN 13138-2:2021**

Buoyant aids for swimming instruction. Safety requirements and test methods for buoyant aids to be held

SW/136/8

**EN 13138-3:2021**

Buoyant aids for swimming instruction. Safety requirements and test methods for swim seats into which a user is positioned

SW/136/8

**EN 13286-1:2021**

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

B/510/4

**EN 13286-4:2021**

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

B/510/4

**EN 13286-41:2021**

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

B/510/4

**EN 13286-47:2021**

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

B/510/4

**EN 13477-2:2021**

Non-destructive testing. Acoustic emission testing. Equipment characterisation. Verification of operating characteristics

WEE/46/9

**EN 13480-5:2017/A2:2021**

Metallic industrial piping. Inspection and testing

PVE/10

**EN 13523-0:2021**

Coil coated metals. Test methods. General introduction

STI/21

**EN 13523-2:2021**

Coil coated metals. Test methods. Gloss

STI/21

**EN 13523-3:2021**

Coil coated metals. Test methods. Colour difference and metamerism. Instrumental comparison

STI/21

**EN 13523-7:2021**

Coil coated metals. Test methods. Resistance to cracking on bending (T-bend test)

STI/21

**EN 13624:2021**

Chemical disinfectants and antiseptics. Quantitative suspension test for the evaluation of fungicidal or yeasticidal activity in the medical area. Test method and requirements (phase 2, step 1)

CH/216

**EN ISO 14065:2021**

General principles and requirements for bodies validating and verifying environmental information

SES/17

(ISO 14065:2020)

**EN 14373:2021**

Explosion suppression systems

EXL/23

**EN 14854:2021**

Glass packaging. Dimensions of neck finishes for aerosol and spray glass containers

PKW/0/-7

**EN ISO 14881:2021**

Integrated optics. Interfaces. Parameters relevant to coupling properties

CPW/172

(ISO 14881:2021)

**EN ISO 14922:2021**

Thermal spraying. Quality requirements for manufacturers of thermal sprayed coatings

STI/40

(ISO 14922:2021)

**EN 15216:2021**

Environmental solid matrices. Determination of total dissolved solids (TDS) in water and eluates

EH/4

**EN ISO 15384:2020/A1:2021**

Protective clothing for firefighters. Laboratory test methods and performance requirements for wildland firefighting clothing

PH/14

(ISO 15384:2018/Amd.1:2021)

**EN 15421:2021**

Packaging. Flexible aluminium tubes. Determination of the adhesion of the internal and external protective lacquering

PKW/0/-10

**EN 15502-1:2021**

Gas-fired heating boilers. General requirements and tests

GSE/29

**EN ISO 15614-12:2021**

Specification and qualification of welding procedures for metallic materials. Welding procedure test. Spot, seam and projection welding

WEE/36

(ISO 15614-12:2021)

**EN ISO 15874-3:2013/A2:2021**

Plastics piping systems for hot and cold water installations. Polypropylene (PP). Fittings

PRI/88/2

(ISO 15874-3:2013/Amd 2:2021)

**EN ISO 15875-3:2003/A2:2021**

Plastics piping systems for hot and cold water installations. Crosslinked polyethylene (PE-X). Fittings

PRI/88/2

(ISO 15875-3:2003/Amd 2:2021)

**EN ISO 15876-3:2017/A2:2021**

Plastics piping systems for hot and cold water installations. Polybutene (PB). Fittings

PRI/88/2

(ISO 15876-3:2017/Amd 2:2021)

**EN ISO 15877-3:2009/A2:2021**

Plastics piping systems for hot and cold water installations. Chlorinated poly(vinyl chloride) (PVC-C). Fittings

PRI/88/2

(ISO 15877-3:2009/Amd 2:2021)

**EN 15882-5:2021**

Extended application of results from fire resistance tests for service installations. Combined penetration seals

FSH/22/-/3

**EN 15942:2021**

Sustainability of construction works. Environmental product declarations. Communication format business-to-business

B/558

**EN 16165:2021**

Determination of slip resistance of pedestrian surfaces. Methods of evaluation

B/507/7

**EN ISO 16256:2021**

Clinical laboratory testing and in vitro diagnostic test systems. Broth micro-dilution reference method for testing the in vitro activity of antimicrobial agents against yeast fungi involved in infectious diseases

CH/212

(ISO 16256:2021)

**EN 16285:2021**

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

PKW/0/-10

**EN 16432-3:2021**

Railway applications. Ballastless track systems. Acceptance

RAE/2/-/8

**EN 16480:2021**

Pumps. Rotodynamic pumps. Minimum required efficiency of water pumps and determination of Minimum Efficiency Index (MEI)

MCE/6

**EN 16602-70-16:2021**

Space engineering. Adhesive bonding for spacecraft and launcher applications

ACE/68

**EN ISO 16672:2021**

Ophthalmic implants. Ocular endotamponades

CH/172/7

(ISO 16672:2020)

**EN 16002:2018/AC:2021**

Flexible sheets for waterproofing. Determination of the resistance to wind load of mechanically fastened flexible sheets for roof waterproofing

B/546

**EN 17037:2018/AC:2021**

Entertainment technology. Machinery for stages and other production areas. Safety requirements and inspections

EL/1

**EN 17038-1:2019/AC:2021**

Pumps. Methods of qualification and verification of the Energy Efficiency Index for rotodynamic pump units. General requirements and procedures for testing and calculation of Energy Efficiency Index (EEI)

MCE/6

**EN 17038-2:2019/AC:2021**

Pumps. Methods of qualification and verification of the Energy Efficiency Index for rotodynamic pump units. Testing and calculation of Energy Efficiency Index (EEI) of single pump units

MCE/6

**EN 17106-1:2021**

Road operation machinery. Safety. General requirements

B/513/-/16

**EN 17106-2:2021**

Road operation machinery. Safety. Specific requirements for road surface cleaning machines

B/513/-/16

**EN 17106-3-1:2021**

Road operation machinery. Safety. Winter service machines. Requirements for snow clearing machines with rotating tools and snow ploughs

B/513/-/16

**EN 17106-3-2:2021**

Road operation machinery. Safety. Winter service machines. Specific requirements for spreading machines

B/513/-/16

**EN 17106-4:2021**

Road operation machinery. Safety. Road service area maintenance machines. Requirements for grass and brush cutting machines

B/513/-/16

**EN 17206:2020/AC:2021**

Entertainment technology. Machinery for stages and other production areas. Safety requirements and inspections

MHE/3/13

**EN 17255-3:2021**

Stationary source emissions. Data acquisition and handling systems. Specification of requirements for the performance test of data acquisition and handling systems

EH/2/1

**EN 17290:2021**

Non-destructive testing. Ultrasonic testing. Examination for loss of thickness due to erosion and/or corrosion using the TOFD technique

WEE/46/3

**EN 17371-2:2021**

Provision of services. Services contracts. Guidance for the design, content and structure of contracts

SVS/21

**EN 17463:2021**

Valuation of Energy Related Investments (VALERI)

SEM/1

**EN 17517:2021**

Animal feeding stuffs: Methods of sampling and analysis. Determination of mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons(MOAH) with on-line HPLC-GC-FID analysis

AW/10

**EN 17547:2021**

Animal feeding stuffs: Methods of sampling and analysis. Determination of vitamin A, E and D content. Method using solid phase extraction clean-up and High-performance Liquid Chromatography

AW/10

**EN 17618:2021**

Adhesives. Wood-to-wood adhesive bonds for non-structural applications. Determination of shear strength by compressive loading

PRI/52

**EN 17619:2021**

Classification of wood adhesives for non-structural timber products for exterior use

PRI/52

**EN 17003:2021**

Road vehicles. Roller brake testers for vehicles of more than 3,5 tons GVW. Safety requirements

AUE/15

**EN ISO 18496:2021**

Brazing. Fluxes for brazing. Classification and technical delivery conditions

WEE/19

(ISO 18496:2020)

**EN ISO 19085-15:2021**

Woodworking machines. Safety. Presses

MTE/23

(ISO 19085-15:2021)

**EN ISO 19085-16:2021**

Woodworking machines. Safety. Table band saws and band re-saws

MTE/23

(ISO 19085-16:2021)

**EN ISO 10079-4:2021**

Medical suction equipment. General requirements

CH/121/-/4

(ISO 10079-4:2021)

**EN ISO 20884:2019/A1:2021**

Petroleum products. Determination of sulfur content of automotive fuels. Wavelength-dispersive X-ray fluorescence spectrometry

PTI/13

(ISO 20884:2019/Amd.1:2021)

**EN ISO 21058:2021**

Road vehicles. Dimethyl Ether (DME) refuelling connector

GSE/40

(ISO 21058:2019)

**EN ISO 21857:2021**

Petroleum, petrochemical and natural gas industries. Prevention of corrosion on pipeline systems influenced by stray currents

PSE/17/2

(ISO 21857:2021)

**EN ISO 21922:2021**

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

RHE/18

(ISO 21922:2021)

**EN ISO 21003-3:2008/A1:2021**

Multilayer piping systems for hot and cold water installations inside buildings. Fittings

PRI/88/2

(ISO 21003-3:2008/Amd 1:2021)

**EN ISO 22042:2021**

Blast chiller and freezer cabinets for professional use. Classification, requirements and test conditions

RHE/19

(ISO 22042:2021)

**EN ISO 22391-3:2009/A2:2021**

Plastics piping systems for hot and cold water installations. Polyethylene of raised temperature resistance (PE-RT). Fittings

PRI/88/2

(ISO 22391-3:2009/Amd 2:2021)

**EN ISO 22403:2021**

Plastics. Assessment of the intrinsic biodegradability of materials exposed to marine inocula under mesophilic aerobic laboratory conditions. Test methods and requirements

PRI/-/1

(ISO 22403:2020)

**EN ISO 22404:2021**

Plastics. Determination of the aerobic biodegradation of non-floating materials exposed to marine sediment. Method by analysis of evolved carbon dioxide

PRI/-/1

(ISO 22404:2019)

**EN ISO 22475-1:2021**

Geotechnical investigation and testing. Sampling methods and groundwater measurements. Technical principles for the sampling of soil, rock and groundwater

B/526/3

(ISO 22475-1:2021)

**EN ISO 22526-1:2021**

Plastics. Carbon and environmental footprint of biobased plastics. General principles

PRI/-/1

(ISO 22526-1:2020)

**EN ISO 22526-2:2021**

Plastics. Carbon and environmental footprint of biobased plastics. Material carbon footprint, amount (mass) of CO<sub>2</sub> removed from the air and incorporated intopolymer molecule

PRI/-/1

(ISO 22526-2:2020)

**EN ISO 22526-3:2021**

Plastics. Carbon and environmental footprint of biobased plastics. Process carbon footprint, requirements and guidelines for quantification

PRI/-/1

(ISO 22526-3:2020)

**EN ISO 22553-13:2021**

Paints and varnishes. Electro-deposition coatings. Determination of re-solving behaviour

STI/10

(ISO 22553-13:2021)

**EN ISO 22553-14:2021**

Paints and varnishes. Electro-deposition coatings. Deposition behaviour

STI/10

(ISO 22553-14:2021)

**EN ISO 22766:2021**

Plastics. Determination of the degree of disintegration of plastic materials in marine habitats under real field conditions

PRI/-/1

(ISO 22766:2020)

**EN ISO 23826:2021**

Gas cylinders. Ball valves. Specification and testing

PVE/3/1

(ISO 23826:2021)



**EN ISO 23977-1:2021**

Plastics. Determination of the aerobic biodegradation of plastic materials exposed to seawater. Method by analysis of evolved carbon dioxide

PRU/1

(ISO 23977-1:2020)

**EN ISO 23977-2:2021**

Plastics. Determination of the aerobic biodegradation of plastic materials exposed to seawater. Method by measuring the oxygen demand in closed respirometer

PRU/1

(ISO 23977-2:2020)

**EN ISO 27789:2021**

Health informatics. Audit trails for electronic health records

IST/35

(ISO 27789:2021)

**EN ISO 56005:2021**

Innovation management. Tools and methods for intellectual property management. Guidance

IMS/1

(ISO 56005:2020)

**CEN REPORTS****CEN/TR 17695:2021**

Safety of toys. Mechanical and physical properties. Guidance on categorisation of projectile toys within EN 71-1

CW/15

**CEN/TR 17696:2021**

Railway applications. Vehicle Maintenance. Guide for identification and management of Safety Critical Components for railway vehicles

RAE/11-116

**CEN/TR 17698:2021**

Ergonomics. Demands and availability of anthropometric and strength data of children in Europe

PH/9/-14

**CEN/CLC/TR 17602-70-23:2021**

Space product assurance. Materials, mechanical parts and processes obsolescence management handbook

ACE/68

**CEN/CLC/TR 17602-80-01:2021**

Space product assurance. Reuse of existing software

ACE/68

**CEN/CLC/TR 17602-80-03:2021**

Space product assurance. Software dependability and safety

ACE/68

**CEN/CLC/TR 17602-80-04:2021**

Space product assurance. Software metrication programme definition and implementation

ACE/68

**CEN/CLC/TR 17602-80-11:2021**

Space product assurance. Software process assessment and improvement. Framework

ACE/68

**CEN/CLC/TR 17602-80-12:2021**

Space product assurance. Software process assessment and improvement. Assessor instrument

ACE/68

**CEN/CLC/TR 17603-10-02:2021**

Space engineering. Verification guidelines

ACE/68

**CEN/CLC/TR 17603-10-12:2021**

Space engineering. Calculation of radiation and its effects and margin policy handbook

ACE/68

**CEN/CLC/TR 17603-20-02:2021**

Space engineering. Li-ion battery testing handbook

ACE/68

**CEN ISO/TR 16178:2021**

Footwear. Critical substances potentially present in footwear and footwear components. Lists of critical chemical substances

TCI/69

(ISO/TR 16178:2021)

**CEN TECHNICAL SPECIFICATIONS****CEN/TS 17659:2021**

Design guideline for mechanically fastened roof waterproofing systems

B/546

**CEN/TS 19100-1:2021**

Design of glass structures. Basis of design and materials

B/525/-11

**CEN/TS 19100-2:2021**

Design of glass structures. Design of out-of-plane loaded glass components

B/525/-11

**CEN/TS 19100-3:2021**

Design of glass structures. Design of in-plane loaded glass components and their mechanical joints

B/525/-11

**CEN/TS 19103:2021**

Eurocode 5: Design of Timber Structures. Structural design of timber-concrete composite structures. Common rules and rules for buildings

B/525/5

**CEN ISO/TS 21596:2021**

ENISO 21596

PTI/17

**CEN ISO/TS 22703:2021**

Health informatics. Requirements for medication safety alerts

IST/35

(ISO/TS 22703:2021)

**CEN ISO/TS 23406:2021**

Nuclear sector. Requirements for bodies providing audit and certification of quality management systems for organizations supplying products and services important to nuclear safety (ITNS)

NCE/2

(ISO/TS 23406:2020)

**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 60320-1:2021**

Appliance couplers for household and similar general purposes. General requirements

PEL/23/3

(IEC 60320-1:2021)

**EN IEC 60335-2-25:2021**

Household and similar electrical appliances. Safety. Particular requirements for microwave ovens, including combination microwave ovens

CPL/61/7

(IEC 60335-2-25:2020)

**EN IEC 60335-2-25:2021/A11:2021**

Household and similar electrical appliances. Safety. Particular requirements for microwave ovens, including combination microwave ovens

CPL/61/7

**EN IEC 60335-2-76:2021**

Household and similar electrical appliances. Safety. Particular requirements for electric fence energizers

CPL/61/1

(IEC 60335-2-76:2018 + COR1:2018)

**EN IEC 60335-2-76:2021/A11:2021**

Household and similar electrical appliances. Safety. Particular requirements for electric fence energizers

CPL/61/1

**EN IEC 60444-6:2021**

Measurement of quartz crystal unit parameters. Measurement of drive level dependence (DLD)

EPL/49

(IEC 60444-6:2021)

**EN IEC 60704-1:2021**

Household and similar electrical appliances. Test code for the determination of airborne acoustical noise. General requirements

CPL/59

(IEC 60704-1:2021)

**EN IEC 60839-11-33:2021**

Alarm and electronic security systems. Electronic access control systems. Access control configuration based on Web services

GW/1

(IEC 60839-11-33:2021)

**EN IEC 60958-1:2021**

Digital audio interface. General

EPL/100

**EN IEC 60958-3:2021**

Digital audio interface. Consumer applications

EPL/100

(IEC 60958-3:2021)

**EN IEC 61010-2-032:2021**

Safety requirements for electrical equipment for measurement, control and laboratory use. Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement

EPL/66

(IEC 61010-2-032:2019+COR1:2020)

**EN IEC 61010-2-032:2021/A11:2021**

Safety requirements for electrical equipment for measurement, control and laboratory use. Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement

EPL/66

**EN IEC 61010-2-033:2021**

Safety requirements for electrical equipment for measurement, control, and laboratory use. Particular requirements for hand-held multimeters and other meters, for domestic and professional use, capable of measuring mains voltage

EPL/66

(IEC 61010-2-033:2019)

**EN IEC 61010-2-033:2021/A11:2021**

Safety requirements for electrical equipment for measurement, control, and laboratory use. Particular requirements for hand-held multimeters for domestic and professional use, capable of measuring mains voltage

EPL/66

**EN IEC 61169-54:2021**

Radio frequency connectors. Sectional specification for coaxial connectors with 10 mm inner diameter of outer conductor, nominal characteristic impedance 50Ω, Series 4,3-10

EPL/46

(IEC 61169-54:2021)

**EN IEC 61189-2-807:2021**

Test methods for electrical materials, printed boards and other interconnection structures and assemblies. Test methods for materials for interconnection structures. Decomposition temperature ( $T_d$ ) using TGA

EPL/501

(IEC 61189-2-807:2021)

**EN IEC 61753-101-03:2021**

Fibre optic interconnecting devices and passive components performance standard. Fibre management systems for category OP. Outdoor protected environment

GEL/86/2

(IEC 61753-101-03:2021)

**EN IEC 61753-111-07:2021**

Fibre optic interconnecting devices and passive components. Performance standard. Sealed closures. Category A. Aerial

GEL/86/2

(IEC 61753-111-07:2021)

**EN IEC 61753-111-09:2021**

Fibre optic interconnecting devices and passive components. Performance standard. Sealed closures. Category S. Subterranean

GEL/86/2

(IEC 61753-111-09:2021)

**EN IEC 61753-131-03:2021**

Fibre optic interconnecting devices and passive components. Performance standard. Single-mode mechanical fibre splice for category OP. Outdoor protected environment

GEL/86/2

**EN IEC 61954:2021**

Static VAR compensators (SVC). Testing of thyristor valves

PPL/22

**EN IEC 62321-2:2021**

Determination of certain substances in electrotechnical products. Disassembly, disjointment and mechanical sample preparation

GEL/111

(IEC 62321-2:2021)

**EN IEC 62321-3-3:2021**

Determination of certain substances in electrotechnical products. Screening. Polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by gas chromatography-mass spectrometry using a pyrolyser/thermal desorption accessory (Py/TD-GC-MS)

GEL/111

(IEC 62321-3-3:2021)

**EN IEC 62321-9:2021**

Determination of certain substances in electrotechnical products. Hexabromocyclododecane in polymers by chromatography-mass spectrometry (GC-MS)

GEL/111

(IEC 62321-9:2021)

**EN IEC 62841-4-5:2021**

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for grass shears

CPL/116

(IEC 62841-4-5:2021)

**EN IEC 62841-4-5:2021/A11:2021**

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for grass shears

CPL/116

**EN IEC 62868-1:2021**

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

CPL/34/1

(IEC 62868-1:2020)

**EN IEC 62868-2-1:2021**

Organic light emitting diode (OLED) light sources for general lighting. Safety. Particular requirements. semi-integrated OLED modules

CPL/34/1

(IEC 62868-2-1:2020)

**EN IEC 62868-2-2:2021**

Organic light emitting diode (OLED) light sources for general lighting. Safety. Particular requirements. Integrated OLED modules

CPL/34/1

(IEC 62868-2-2:2020)

**EN IEC 62920:2017/A1:2021**

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

GEL/82

(IEC 62920:2017/A1:2021)

**EN IEC 62922:2016/A1:2021**

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

CPL/34/1

(IEC 62922:2016/AMD1:2021)

**EN IEC 63041-1:2021**

Piezoelectric sensors. Generic specifications

EPL/49

(IEC 63041-1:2021)

**EN IEC 63218:2021**

Secondary cells and batteries containing alkaline or other non-acid electrolytes. Secondary lithium, nickel cadmium and nickel-metal hydride cells and batteries for portable applications. Guidance on environmental aspects

PEL/21

(IEC 63218:2021)

**EN IEC 63244-1:2021**

Semiconductor devices. Semiconductor devices for wireless power transfer and charging. General requirements and specifications

EPL/47

(IEC 63244-1:2021)

**EN IEC 63246-1:2021**

Configurable car infotainment services (CCIS). General

EPL/100

(IEC 63246-1:2021)

**EN IEC 60086-5:2021**

Primary batteries. Safety of batteries with aqueous electrolyte

CPL/35

(IEC 60086-5:2021)

**EN IEC 60068-3-3:2019/AC:2021**

Environmental testing. Supporting documentation and guidance. Seismic test methods for equipment

GEL/104

(IEC 60068-3-3:2019/COR1:2021)

**EN IEC 80601-2-26:2020/AC:2021**

Medical electrical equipment. Particular requirements for the basic safety and essential performance of electroencephalographs

CH/62/4

(IEC 80601-2-26:2019/COR1:2021)

**EN IEC 80001-1:2021**

Application of risk management for IT-networks incorporating medical devices. Safety, effectiveness and security in the implementation and use of connected medical devices or connected health software

CH/62/1

(IEC 80001-1:2021)

**EN 50342-1:2015/A2:2021**

Lead-acid starter batteries. General requirements and methods of test

PEL/21

**EN 50377-14-1:2021**

Connector sets and interconnect components to be used in optical fibre communication systems. Product specifications. Simplex and duplex cords made from simplex plugs with cylindrical ferrules, using EN 60793-2-50 single-mode B-652 ou B-657 fibre for Category C according to EN 61753-1

GEL/86/2

**EN 50527-2-3:2021**

Procedure for the assessment of the exposure to electromagnetic fields of workers bearing active implantable medical devices. Specific assessment for workers with implantable neurostimulators

GEL/106

**EN 50689:2021**

Safety of laser products. Particular Requirements for Consumer Laser Products

EPL/76

**EN 50708-1-2:2021**

Power transformers. Additional European requirements. Common part. Assessment of energy performance

PEL/14

**EN 60335-2-15:2016/A2:2021**

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

CPL/61/7

(IEC 60335-2-15:2012/A2:2018)

**EN 60335-2-21:2021/A1:2021**

Household and similar electrical appliances. Safety. Particular requirements for storage water heaters

CPL/61/7

(IEC 60335-2-21:2012/A1:2018)

**EN 60601-1:2006/A2:2021**

Medical electrical equipment. General requirements for basic safety and essential performance

CH/62/1

(IEC 60601-1:2005/A2:2020)

**EN 60700-1:2015/A1:2021**

Thyristor valves for high voltage direct current (HVDC) power transmission. Electrical testing

PEL/22

(IEC 60700-1:2015/AMD1:2021)

**EN 61000-3-3:2013/A2:2021**

Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current  $\leq 16$  A per phase and not subject to conditional connection

GEL/210/11

(IEC 61000-3-3:2013/A2:2021)

**EN 61009-1:2012/A13:2021**

Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs). Annex N. Additional requirements and tests for RCBOs consisting of one residual current protection function and several independent two-pole overcurrent protection functions

PEL/23/1

**EN 61010-031:2015/A1:2021**

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 61010-031:2015/A1:2018)

**EN 62262:2002/A1:2021**

Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)

GEL/70

(IEC 62262:2002/AMD1:2021)

**EN 62271-1:2017/A1:2021**

High-voltage switchgear and controlgear. Common specifications for alternating current switchgear and controlgear

PEL/17

**EN 62586-2:2017/A1:2021**

Power quality measurement in power supply systems. Functional tests and uncertainty requirements

PEL/85

(IEC 62586-2:2017/AMD1:2021)

**CEN/CLC Guide 38:2021**

Guide for multifuel stations

GSE/-/5

**CLC IEC/TS 60034-30-2:2021**

Rotating electrical machines. Efficiency classes of variable speed AC motors (IE-code)

PEL/2

(IEC/TS 60034-30-2:2016)

**CLC IEC/TS 60034-32:2021**

Rotating electrical machines. Measurement of stator end-winding vibration at form-wound windings

PEL/2

(IEC/TS 60034-32:2016)

## 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 6070-2-14:2017/A2:2021**

Automatic electrical controls. Particular requirements for electric actuators  
£14.40 members, £16.00 non-members  
CPL/72

**IEC/IEEE 62271-37-013:2021**

High-voltage switchgear and controlgear. Alternating current generator circuit-breakers  
£252.00 members, £280.00 non-members  
PEL/17

**IEC 60092-503:2021**

Electrical installations in ships. Special features. AC supply systems with voltages in the range of above 1 kV up to and including 36 kV  
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JPEL/18

**IEC 60269-6:2010/A1:2021/COR1:2021**

Low-voltage fuses. Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems  
PEL/32

**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  
£104.40 members, £116.00 non-members  
W/-

**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  
£126.00 members, £140.00 non-members  
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**IEC 60335-2-38:2021**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric griddles and griddle grills  
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CPL/61

**IEC 60335-2-39:2021**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric multi-purpose cooking pans  
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CPL/61

**IEC 60335-2-42:2021**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens  
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**IEC 60335-2-44:2021**

Hold and similar electrical appliances. Safety. Particular requirements for ironers  
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CPL/61/7

**IEC 60335-2-47:2021**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric boiling pans  
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CPL/61

**IEC 60335-2-48:2021**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric grillers and toasters  
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CPL/61

**IEC 60335-2-49:2021**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric appliances for keeping food and crockery warm  
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CPL/61

**IEC 60335-2-50:2021**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric bains-marie  
£147.60 members, £164.00 non-members  
CPL/61

**IEC 60335-2-52:2021**

Household and similar electrical appliances. Safety. Particular requirements for oral hygiene appliances  
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**IEC 60335-2-55:2021**

Household and similar electrical appliances. Safety. Particular requirements for electrical appliances for use with aquariums and garden ponds  
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CPL/61/1

**IEC 60335-2-78:2021**

Household and similar electrical appliances. Safety. Particular requirements for outdoor barbecues  
£75.60 members, £84.00 non-members  
CPL/61/7

**IEC 60335-2-99:2021**

Household and similar electrical appliances. Safety. Particular requirements for commercial electric hoods  
£104.40 members, £116.00 non-members  
CPL/61

**IEC 60335-2-106:2021**

Household and similar electrical appliances. Safety. Particular requirements for heated carpets and for heating units for room heating installed under removable floorcoverings  
£176.40 members, £196.00 non-members  
CPL/61/7

**IEC 60335-2-113:2016/A1:2021**

Household and similar electrical appliances. Safety. Particular requirements for beauty care appliances incorporating lasers and intense light sources  
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CPL/61/1

**IEC 60364-7-710:2021**

Low-voltage electrical installations. Requirements for special installations or locations. Medical locations  
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JPEL/64

**IEC 60404-17:2021**

Magnetic materials. Methods of measurement of the magnetostriction characteristics of grain-oriented electrical steel strip and sheet by means of a single sheet tester and an optical sensor  
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ISE/108

**IEC 60695-2-10:2021**

Fire hazard testing. Glowing/hot-wire based test methods. Glow-wire apparatus and common test procedure  
£136.00 members, £151.20 non-members  
GEL/89

**IEC 60695-2-11:2021**

Fire hazard testing. Glowing/hot-wire based test methods. Glow-wire flammability test method for end products (GWEPT)  
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**IEC 60695-2-12:2021**

Fire hazard testing. Glowing/hot-wire based test methods. Glow-wire flammability index (GWFI) test method for materials  
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**IEC 60695-5-1:2021**

Fire hazard testing. Corrosion damage effects of fire effluent. General guidance  
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**IEC 60695-7-2:2021**

Fire hazard testing. Toxicity of fire effluent. Summary and relevance of test methods  
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Fire hazard testing. Surface spread of flame. Summary and relevance of test methods  
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**IEC 60730-2-8:2018/A1:2021**

Automatic electrical controls. Particular requirements for electrically operated water valves, including mechanical requirements  
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CPL/72



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

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

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EPL/47

**IEC 60839-11-33:2021**

Alarm and electronic security systems. Electronic access control systems. Access control configuration based on Web services

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GW/1

**IEC 60884-3-1:2021**

Plugs and socket-outlets for household and similar purposes. Particular requirements for socket-outlets incorporating USB power supply

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PEL/23

**IEC 60891:2021**

Photovoltaic devices. Procedures for temperature and irradiance corrections to measured I-V characteristics

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GEL/82

**IEC/TR 60919-3:2009/A2:2021**

Performance of high-voltage direct current (HVDC) systems with line-commutated converters. Dynamic conditions

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PEL/22

**IEC 60947-3:2020/COR1:2021**

Low-voltage switchgear and controlgear. Switches, disconnectors, switch-disconnectors and fuse-combination units

PEL/121/1

**IEC 60958-1:2021**

Digital audio interface. General

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EPL/100

**IEC 61051-2:2021**

Varistors for use in electronic equipment. Sectional specification for surge suppression varistors

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**IEC 61196-7:2021**

Coaxial communication cables. Sectional specification for cables for BCT cabling in accordance with ISO/IEC 11801-4. Indoor drop cables for systems operating at 5MHz. 6 000 MHz

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EPL/46

**IEC 61243-1:2021**

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

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PEL/78

**IEC 61375-2-8:2021**

Electronic railway equipment. Train communication network (TCN). TCN conformance test

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**IEC 61557-17:2021**

Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC. Equipment for testing, measuring or monitoring of protective measures. Non-contact AC voltage indicators

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**IEC 61558-2-1:2021**

Safety of transformers, reactors, power supply units and combinations thereof. Particular requirements and tests for separating transformers and power supplies incorporating separating transformers for general applications

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**IEC 61753-111-09:2021**

Fibre optic interconnecting devices and passive components. Performance standard. Sealed closures. Category S. Subterranean

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GEL/86/2

**IEC 61788-22-2:2021**

Superconductivity. Normal state resistance and critical current measurement. High- $T_c$  Josephson junction

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L/-/90

**IEC 61850-7-420:2021**

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

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Cable cleats for electrical installations

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Selection guidelines for polymeric materials for outdoor use under HV stress

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GEL/112

**IEC 62044-3:2000/COR1:2021**

Cores made of soft magnetic materials. Measuring methods. Magnetic properties at high excitation level

EPL/51

**IEC 62106-10:2021**

Radio data system (RDS). VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz. UERP. Universal Encoder Communication Protocol

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EPL/100

**IEC 62271-101:2021/COR1:2021**

High-voltage switchgear and controlgear. Synthetic testing

PEL/17

**IEC 62321-3-3:2021**

Determination of certain substances in electrotechnical products. Screening. Polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by gas chromatography-mass spectrometry using a pyrolyser/thermal desorption accessory (Py/TD,Ä'GC,Ä'MS)

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**IEC/TS 62607-6-6:2021**

Nanomanufacturing. Key control characteristics. Graphene. Strain uniformity: Raman spectroscopy

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NTI/1

**IEC/TS 62607-6-10:2021**

Nanomanufacturing. Key control characteristics. Graphene-based material. Sheet resistance: Terahertz time-domain spectroscopy

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NTI/1

**IEC/TS 62607-6-19:2021**

Nanomanufacturing. Key control characteristics. Graphene-based material. Elemental composition: CS analyser, ONH analyser

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**IEC/TS 62607-9-1:2021**

Nanomanufacturing. Key control characteristics. Traceable spatially resolved nano-scale stray magnetic field measurements. Magnetic force microscopy

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**IEC 62830-7:2021**

Semiconductor devices. Semiconductor devices for energy harvesting and generation. Linear sliding mode triboelectric energy harvesting

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EPL/47

**IEC 62830-8:2021**

Semiconductor devices. Semiconductor devices for energy harvesting and generation. Test and evaluation methods of flexible and stretchable supercapacitors for use in low power electronics

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EPL/47

**IEC 62868-2-3:2021**

Organic light emitting diode (OLED) light sources for general lighting. Safety. Particular requirements. Flexible OLED tiles and panels

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CPL/34/1

**IEC 62885-2:2021**

Surface cleaning appliances. Dry vacuum cleaners for household or similar use. Methods for measuring the performance

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CPL/59/6

**IEC 62899-201-2:2021**

Printed electronics. Materials. Substrates. Measurement methods for properties of stretchable substrates

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AMT/9

**IEC 62899-202-4:2021**

Printed electronics. Materials. Conductive ink. Measurement methods for properties of stretchable printed layers (conductive and insulating)

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AMT/9

**IEC/TR 62899-402-4:2021**

Printed electronics. Printability. Measurement of qualities. Classification and measurement methods for morphology

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AMT/9

**IEC 62906-5-1:2021**

Laser displays. Measurement of optical performance for laser front projection

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EPL/47

**IEC 62976:2017/A1:2021**

Industrial non-destructive testing equipment. Electron linear accelerator

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NCE/2

**IEC 62999:2016/A1:2021**

Electric room heating. Underfloor heating. Performance characteristics. Definitions, method of testing, sizing and formula symbols

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CPL/59

**IEC/TS 63042-202:2021**

UHV AC transmission systems. UHV AC Transmission line design

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GEL/8

**IEC 63159-1:2021**

Household electric instantaneous water heaters. Methods for measuring the performance. General aspects

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CPL/59

**IEC 63159-2-1:2021**

Household electric instantaneous water heaters. Methods for measuring the performance. Multifunctional electric instantaneous water heaters

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CPL/59

**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

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CPL/59

**IEC 63171-6:2021**

Connectors for electrical and electronic equipment. Detail specification for 2-way and 4-way (data/power), shielded, free and fixed connectors for power and data transmission with frequencies up to 600 MHz

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EPL/48

**IEC 63218:2021**

Secondary cells and batteries containing alkaline or other non-acid electrolytes. Secondary lithium, nickel cadmium and nickel-metal hydride cells and batteries for portable applications. Guidance on environmental aspects

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PEL/21

**IEC 63246-1:2021**

Configurable car infotainment services (CCIS). General

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EPL/100

**IEC 63277:2021**

Binary power generation systems with capacity less than 100 kW. Performance test methods

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**IEC 63287-1:2021**

Semiconductor devices. Generic semiconductor qualification guidelines. Guidelines for IC reliability qualification

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EPL/47

**IEC 63294:2021**

Test methods for electric cables with rated voltages up to and including 450/750 V

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GEL/20/17

**IEC/TR 63344:2021**

Conceptual model of standardization for haptic multimedia systems

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**IEC/TR 63396:2021**

Noise measurement method on power capacitors

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**IEC 63013:2017/A1:2021**

LED packages. Long-term luminous and radiant flux maintenance projection

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CPL/34/1

**IEC 60034-9:2021**

Rotating electrical machines. Noise limits

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PEL/2

**IEC 60086-5:2021**

Primary batteries. Safety of batteries with aqueous electrolyte

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CPL/35

**IEC 60068-3-3:2019/COR1:2021**

Environmental testing. Supporting documentation and guidance. Seismic test methods for equipment

GEL/104

**IEC 80601-2-26:2019/COR1:2021**

Medical electrical equipment. Particular requirements for the basic safety and essential performance of electroencephalograph

CH/62/4

**CISPR/TR 16-4-5:2006/A2:2021**

Specification for radio disturbance and immunity measuring apparatus and methods. Uncertainties, statistics and limit modelling. Conditions for the use of alternative test methods

£104.40 members, £116.00 non-members

GEL/210/11

**ISO PUBLICATIONS**

It is BSI policy to supply the UK version of all adopted standards, which are published as British standards, unless otherwise requested.

The following ISO publications are available from BSI Customer Services (see 'How to order' on page 2).

**ISO/TM TS 52930:2021**

Additive manufacturing. Qualification principles. Installation, operation and performance (IQ/OQ/PQ) of PBF-LB equipment

£85.50 members, £95.00 non-members

AMT/8

*Will be implemented as an identical British Standard*

**ISO/TM 52900:2021**

Additive manufacturing. General principles. Fundamentals and vocabulary

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**ISO 616:2021**

Coke. Determination of shatter indices

£27.90 members, £31.00 non-members

PTI/16

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**ISO 748:2021**

Hydrometry. Measurement of liquid flow in open channels. Velocity area methods using point velocity measurements

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CPI/113/1

*Will be implemented as an identical British Standard*

**ISO 1014:2021**

Coke. Determination of true relative density, apparent relative density and porosity

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PTI/16

*Will be implemented as an identical British Standard*

**ISO 2076:2021**

Textiles. Man-made fibres. Generic names

£85.50 members, £95.00 non-members

TCI/100

*Will be implemented as an identical British Standard*



## BS 7273-4:2015+A1:2021 Code of practice for the operation of fire protection measures

It's now time to get the amended fire door release mechanism standard.

**BS 7273-4:2015+A1:2021** covers the electrical control arrangements for activating mechanisms that unlock, release or open doors in the event of fire. It covers any building, including dwellings, unless otherwise stated. This standard will improve safety, increase trust in products and better manage associated risk.



Learn more:

<https://pages.bsigroup.com/BS7273-4>



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**ISO 3716:2021**

Hydrometry. Functional requirements and characteristics of suspended-sediment samplers  
£63.90 members, £71.00 non-members  
CPI/113  
*Will be implemented as an identical British Standard*

**ISO 3739-3:2021**

Industrial tyres and rims. Rims  
£42.30 members, £47.00 non-members  
AUE/4  
*Will be implemented as an identical British Standard*

**ISO 3834-5:2021**

Quality requirements for fusion welding of metallic materials. Documents with which it is necessary to conform to claim conformity to the quality requirements of ISO3834-2, ISO 3834-3 or ISO 3834-4  
£42.30 members, £47.00 non-members  
WEE/36  
*Will be implemented as an identical British Standard*

**ISO 3934:2021**

Rubber, vulcanized and thermoplastic. Preformed gaskets used in buildings. Classification, specifications and test methods  
£85.50 members, £95.00 non-members  
PRI/70  
*Will be implemented as an identical British Standard*

**ISO 4000-2:2021**

Passenger car tyres and rims. Rims  
£42.30 members, £47.00 non-members  
AUE/4  
*Will be implemented as an identical British Standard*

**ISO 4211-5:2021**

Furniture. Tests for surface finishes. Assessment of resistance to abrasion  
£42.30 members, £47.00 non-members  
FW/0  
*Will be implemented as an identical British Standard*

**ISO 4307:2021**

Molecular in vitro diagnostic examinations. Specifications for pre-examination processes for saliva. Isolated human DNA  
£42.30 members, £47.00 non-members  
CH/212  
*Will be implemented as an identical British Standard*

**ISO 4524-3:2021**

Metallic coatings. Test methods for electrodeposited gold and gold alloy coatings. Electrographic tests for porosity  
£27.90 members, £31.00 non-members  
STI/33  
*Will be implemented as an identical British Standard*

**ISO 4579:2021**

Aerospace. Drives, internal, TORX PARALOBE drive. Geometrical definition, gaging and technical requirements  
£42.30 members, £47.00 non-members  
ACE/12  
*Will be implemented as an identical British Standard*

**ISO 4580:2021**

Aerospace. Drives, internal, TORX PARALOBE driver bit. Geometrical definition, gaging and technical requirements  
£42.30 members, £47.00 non-members  
ACE/12  
*Will be implemented as an identical British Standard*

**ISO 4695:2021**

Iron ores for blast furnace feedstocks. Determination of the reducibility by the rate of reduction index  
£42.30 members, £47.00 non-members  
ISE/58  
*Will be implemented as an identical British Standard*

**ISO 4803:2021**

Laboratory glassware. Borosilicate glass tubing  
£42.30 members, £47.00 non-members  
LBI/1/2  
*Will be implemented as an identical British Standard*

**ISO 4914:2021**

Financial services. Unique product identifier (UPI)  
£42.30 members, £47.00 non-members  
IST/12  
*Will be implemented as an identical British Standard*

**ISO 5058-1:2021**

Biotechnology. Genome editing. Vocabulary  
£27.90 members, £31.00 non-members  
BT/1  
*Will be implemented as an identical British Standard*

**ISO 5093:2021**

Essential oil of lemon myrtle (Backhousia citriodora F. Muell.), citral type  
£42.30 members, £47.00 non-members  
AW/54  
*Will be implemented as an identical British Standard*

**ISO 6469-3:2021**

Electrically propelled road vehicles. Safety specifications. Electrical safety  
£85.50 members, £95.00 non-members  
PEL/69  
*Will be implemented as an identical British Standard*

**ISO 6587:2021**

Paper, board and pulps. Determination of conductivity of aqueous extracts  
£27.90 members, £31.00 non-members  
PAI/11  
*Will be implemented as an identical British Standard*

**ISO 7293:2021**

Forestry machinery. Portable chain-saws. Engine performance and fuel consumption  
£27.90 members, £31.00 non-members  
AGE/29  
*Will be implemented as an identical British Standard*

**ISO 7711-1:2021**

Dentistry. Diamond rotary instruments. General requirements  
£42.30 members, £47.00 non-members  
CH/106/4  
*Will be implemented as an identical British Standard*

**ISO 7788:2021**

Steel. Surface finish of hot-rolled plates and wide flats. Delivery requirements  
£63.90 members, £71.00 non-members  
ISE/103  
*Will be implemented as an identical British Standard*

**ISO 8000-110:2021**

Data quality. Master data: Exchange of characteristic data: Syntax, semantic encoding, and conformance to data specification  
£85.50 members, £95.00 non-members  
AMT/4  
*Will be implemented as an identical British Standard*

**ISO 8082-1:2009/A1:2021**

Self-propelled machinery for forestry. Laboratory tests and performance requirements for rollover protective structures. General machines  
£11.70 members, £13.00 non-members  
AGE/29  
*Will be implemented as an identical British Standard*

**ISO 8373:2021**

Robotics. Vocabulary  
£27.90 members, £31.00 non-members  
AMT/10  
*Will be implemented as an identical British Standard*

**ISO 8466-1:2021**

Water quality. Calibration and evaluation of analytical methods. Linear calibration function  
£114.30 members, £127.00 non-members  
EH/3/2  
*Will be implemented as an identical British Standard*

**ISO 8529-1:2021**

Neutron reference radiations fields. Characteristics and methods of production  
£99.90 members, £111.00 non-members  
NCE/2  
*Will be implemented as an identical British Standard*

**ISO 8893:2021**

Forestry machinery. Portable brush-cutters and grass-trimmers. Engine performance and fuel consumption  
£27.90 members, £31.00 non-members  
AGE/29  
*Will be implemented as an identical British Standard*

**ISO 8976:2021**

Pliers and nippers. Multiple slip joint pliers. Dimensions and test values  
£27.90 members, £31.00 non-members  
MTE/15  
*Will be implemented as an identical British Standard*

**ISO 9286:2021**

Abrasive grains and crude. Chemical analysis of silicon carbide  
£85.50 members, £95.00 non-members  
MTE/13  
*Will be implemented as an identical British Standard*

**ISO 9680:2021**

Dentistry. Operating lights  
£85.50 members, £95.00 non-members  
CH/106/4  
*Will be implemented as an identical British Standard*





## The revised alloyed ingot specification is available

The European standard on alloyed ingots for remelting has been revised to bring it up to date with industry needs. **BS EN 1676:2020 Aluminium and aluminium alloys – Alloyed ingots for remelting – Specifications** defines requirements for grades of alloyed aluminium ingots intended for remelting.



Learn more:

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**ISO 9809-4:2021**

Gas cylinders. Design, construction and testing of refillable seamless steel gas cylinders and tubes. Stainless steel cylinders with an  $R_m$  value of less than 1 100 MPa

£128.70 members, £143.00 non-members

PVE/3/3

*Will be implemented as an identical British Standard*

**ISO/IEC/IEEE 8802-1:2021**

Information technology. Telecommunications and information exchange between systems. Local and metropolitan area networks. Timing and synchronization for time-sensitive applications in bridged local area networks

£143.10 members, £159.00 non-members

IST/6

*Will be implemented as an identical British Standard*

**ISO/IEC/IEEE 8802-3:2021/A4:2021**

Telecommunications and exchange between information technology systems. Requirements for local and metropolitan area networks. Standard for Ethernet

£42.30 members, £47.00 non-members

IST/6

*Will not be implemented as a British Standard*

**ISO/IEC/IEEE 8802-3:2021/A6:2021**

Telecommunications and exchange between information technology systems. Requirements for local and metropolitan area networks. Standard for Ethernet

£11.70 members, £13.00 non-members

IST/6

*Will not be implemented as a British Standard*

**ISO/IEC/IEEE 8802-3:2021/A7:2021**

Telecommunications and exchange between information technology systems. Requirements for local and metropolitan area networks. Standard for Ethernet

£42.30 members, £47.00 non-members

IST/6

*Will not be implemented as a British Standard*

**ISO/IEC/IEEE 8802-3:2021/A8:2021**

Telecommunications and exchange between information technology systems. Requirements for local and metropolitan area networks. Standard for Ethernet

£85.50 members, £95.00 non-members

IST/6

*Will not be implemented as a British Standard*

**ISO/IEC/IEEE 8802-1Q:2020/A31:2021**

Telecommunications and exchange between information technology systems. Requirements for local and metropolitan area networks. Bridges and bridged networks

£85.50 members, £95.00 non-members

IST/6

*Will not be implemented as a British Standard*

**ISO/IEC/IEEE 8802-1CM:2019/A1:2021**

Telecommunications and information exchange between information technology systems. Requirements for local and metropolitan area networks. Time-sensitive networking for fronthaul

£42.30 members, £47.00 non-members

IST/6

*Will not be implemented as a British Standard*

**ISO/IEC/IEEE 29119-2:2021**

Software and systems engineering. Software testing. Test processes

£128.70 members, £143.00 non-members

IST/15

*Will be implemented as an identical British Standard*

**ISO/IEC/IEEE 29119-3:2021**

Software and systems engineering. Software testing. Test documentation

£143.10 members, £159.00 non-members

IST/15

*Will be implemented as an identical British Standard*

**ISO/IEC/IEEE 29119-4:2021**

Software and systems engineering. Software testing. Test techniques

£143.10 members, £159.00 non-members

IST/15

*Will be implemented as an identical British Standard*

**ISO/IEC/IEEE 32430:2021**

Software engineering. Trial use standard for software non-functional sizing measurements

£128.70 members, £143.00 non-members

IST/15

*Will be implemented as an identical British Standard*

**ISO 10286:2021**

Gas cylinders. Vocabulary

£27.90 members, £31.00 non-members

PVE/3

*Will be implemented as an identical British Standard*

**ISO 10298:2018/A1:2021**

Gas cylinders. Gases and gas mixtures. Determination of toxicity for the selection of cylinder valve outlets

£11.70 members, £13.00 non-members

PVE/3/1

*Will be implemented as an identical British Standard*

**ISO 10535:2021**

Assistive products. Hoists for the transfer of persons. Requirements and test methods

£128.70 members, £143.00 non-members

CH/173

*Will be implemented as an identical British Standard*

**ISO 10591:2021**

Building and civil engineering sealants. Determination of adhesion/cohesion properties of sealants after immersion in water

£27.90 members, £31.00 non-members

B/547

*Will be implemented as an identical British Standard*

**ISO/TR 10657:2021**

Explanatory notes on ISO 76

£114.30 members, £127.00 non-members

MCE/7

*Will be implemented as an identical British Standard*

**ISO 10993-10:2021**

Biological evaluation of medical devices. Tests for skin sensitization

£114.30 members, £127.00 non-members

CH/194

*Will be implemented as an identical British Standard*

**ISO 11114-2:2021**

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

£85.50 members, £95.00 non-members

PVE/3

*Will be implemented as an identical British Standard*

**ISO 11359-2:2021**

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

£42.30 members, £47.00 non-members

PR/21

*Will be implemented as an identical British Standard*

**ISO 11432:2021**

Building and civil engineering sealants. Determination of resistance to compression

£27.90 members, £31.00 non-members

B/547

*Will be implemented as an identical British Standard*

**ISO 11439:2013/A1:2021**

Gas cylinders. High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles

£11.70 members, £13.00 non-members

PVE/3/3

*Will be implemented as an identical British Standard*

**ISO 11452-9:2021**

Road vehicles. Component test methods for electrical disturbances from narrowband radiated electromagnetic energy. Portable transmitters

£143.10 members, £159.00 non-members

AUE/32

*Will be implemented as an identical British Standard*

**ISO 11680-1:2021**

Machinery for forestry. Safety requirements and testing for pole-mounted powered pruners. Machines fitted with an integral combustion engine

£99.90 members, £111.00 non-members

AGE/29

*Will be implemented as an identical British Standard*

**ISO 11680-2:2021**

Machinery for forestry. Safety requirements and testing for pole-mounted powered pruners. Machines for use with backpack power source

£27.90 members, £31.00 non-members

AGE/29

*Will be implemented as an identical British Standard*

**ISO 11738:2021**

Agricultural irrigation equipment. Control heads

£63.90 members, £71.00 non-members

AGE/30

*Will be implemented as an identical British Standard*

**ISO/IEC 11770-3:2021**

Information security. Key management. Mechanisms using asymmetric techniques

£143.10 members, £159.00 non-members

IST/33

*Will be implemented as an identical British Standard*

**ISO 11807-1:2021**

Integrated optics. Vocabulary. Optical waveguide basic terms and symbols  
£27.90 members, £31.00 non-members

CPW/172

*Will be implemented as an identical British Standard*

**ISO 11807-2:2021**

Integrated optics. Vocabulary. Terms used in classification

£27.90 members, £31.00 non-members

CPW/172

*Will be implemented as an identical British Standard*

**ISO 12151-3:2021**

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

£42.30 members, £47.00 non-members

MCE/18/-A

*Will be implemented as an identical British Standard*

**ISO 12239:2021**

Smoke alarms using scattered light, transmitted light or ionization

£128.70 members, £143.00 non-members

FSH/12/2

*Will be implemented as an identical British Standard*

**ISO 12297-1:2021**

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

£42.30 members, £47.00 non-members

MCE/7

*Will be implemented as an identical British Standard*

**ISO 12571:2021**

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

£85.50 members, £95.00 non-members

B/540/8

*Will be implemented as an identical British Standard*

**ISO 12609-1:2021**

Eye and face protection against intense light sources used on humans and animals for cosmetic and medical applications. Specification for products

£63.90 members, £71.00 non-members

PH/2/2

*Will be implemented as an identical British Standard*

**ISO 13457:2021**

Agricultural irrigation equipment. Water-driven chemical injector pumps

£42.30 members, £47.00 non-members

AGE/30

*Will be implemented as an identical British Standard*

**ISO 14229-2:2021**

Road vehicles. Unified diagnostic services (UDS). Session layer services

£128.70 members, £143.00 non-members

AUE/16

*Will be implemented as an identical British Standard*

**ISO 14400:2021**

Road vehicles. Wheels and rims. Use, general maintenance and safety requirements and out-of-service conditions

£63.90 members, £71.00 non-members

AUE/15

*Will be implemented as an identical British Standard*

**ISO/IEC 14443-2:2020/COR1:2021**

Cards and security devices for personal identification. Contactless proximity objects. Radio frequency power and signal interface

IST/17

*Will be implemented as an identical British Standard*

**ISO 14548:2021**

Photography. Dimensions of glass plates

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CPW/42

*Will be implemented as an identical British Standard*

**ISO 14782:2021**

Plastics. Determination of haze for transparent materials

£42.30 members, £47.00 non-members

PRI/21

*Will be implemented as an identical British Standard*

**ISO 14881:2021**

Integrated optics. Interfaces. Parameters relevant to coupling properties

£42.30 members, £47.00 non-members

CPW/172

*Will be implemented as an identical British Standard*

**ISO/IEC 15444-2:2021**

Information technology. JPEG 2000 image coding system. Extensions

£143.10 members, £159.00 non-members

IST/37

*Will not be implemented as a British Standard*

**ISO/IEC 15444-4:2021**

Information technology. JPEG 2000 image coding system. Conformance Testing

£114.30 members, £127.00 non-members

IST/37

*Will not be implemented as a British Standard*

**ISO/IEC 15444-5:2021**

Information technology. JPEG 2000 image coding system. Reference software

£85.50 members, £95.00 non-members

IST/37

*Will not be implemented as a British Standard*

**ISO 15614-12:2021**

Specification and qualification of welding procedures for metallic materials. Welding procedure test. Spot, seam and projection welding

£42.30 members, £47.00 non-members

WEE/36

*Will be implemented as an identical British Standard*

**ISO 15874-3:2013/A2:2021**

Plastics piping systems for hot and cold water installations. Polypropylene (PP). Fittings

£11.70 members, £13.00 non-members

PRI/88/2

*Will be implemented as an identical British Standard*

**ISO 15875-3:2003/A2:2021**

Plastics piping systems for hot and cold water installations. Crosslinked polyethylene (PE-X). Fittings

£11.70 members, £13.00 non-members

PRI/88/2

*Will be implemented as an identical British Standard*

**ISO 15876-3:2017/A2:2021**

Plastics piping systems for hot and cold water installations. Polybutene (PB). Fittings

£11.70 members, £13.00 non-members

PRI/88/2

*Will be implemented as an identical British Standard*

**ISO/IEC 15909-3:2021**

Systems and software engineering. High-level Petri nets. Extensions and structuring mechanisms

£63.90 members, £71.00 non-members

IST/15

*Will be implemented as an identical British Standard*

**ISO/TR 16158:2021**

Space systems. Avoiding collisions among orbiting objects

£99.90 members, £111.00 non-members

ACE/68

*Will be implemented as an identical British Standard*

**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

£42.30 members, £47.00 non-members

TCI/69

*Will be implemented as an identical British Standard*

**ISO 16256:2021**

Clinical laboratory testing and in vitro diagnostic test systems. Broth micro-dilution reference method for testing the in vitro activity of antimicrobial agents against yeast fungi involved in infectious diseases

£63.90 members, £71.00 non-members

CH/212

*Will be implemented as an identical British Standard*

**ISO 16653-2:2021**

Mobile elevating work platforms. Design, calculations, safety requirements and test methods relative to special features. MEWPs with non-conductive (insulating) components

£85.50 members, £95.00 non-members

MHE/12/1

*Will be implemented as an identical British Standard*

**ISO/TS 16775:2021**

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

£143.10 members, £159.00 non-members

CH/198

*Will be implemented as an identical British Standard*

**ISO 16840-12:2021**

Wheelchair seating. Envelopment and immersion characterization of seat cushions using a dual semispherical indenter

£63.90 members, £71.00 non-members

CH/173/1

*Will be implemented as an identical British Standard*

**ISO/IEC 18000-63:2021**

Information technology. Radio frequency identification for item management. Parameters for air interface communications at 860 MHz to 960 MHz Type C  
£143.10 members, £159.00 non-members  
IST/34  
*Will be implemented as an identical British Standard*

**ISO/IEC 18181-2:2021**

Information technology. JPEG XL image coding system. File format  
£63.90 members, £71.00 non-members  
IST/37  
*Will not be implemented as a British Standard*

**ISO/TR 18228-2:2021**

Design using geosynthetics. Separation  
£42.30 members, £47.00 non-members  
B/553  
*Will be implemented as an identical British Standard*

**ISO 18543:2021**

Glass in building. Electrochromic glazings. Accelerated ageing test and requirements  
£63.90 members, £71.00 non-members  
B/520  
*Will be implemented as an identical British Standard*

**ISO 18947-1:2021**

Imaging materials and prints. Abrasion resistance. General rub testing methods  
£85.50 members, £95.00 non-members  
CPW/42  
*Will be implemented as an identical British Standard*

**ISO/TS 18950:2021**

Imaging materials. Photographic prints. Effect of light sources on degradation under museum conditions  
£63.90 members, £71.00 non-members  
CPW/42  
*Will be implemented as an identical British Standard*

**ISO 19085-2:2021**

Woodworking machines. Safety. Horizontal beam panel circular sawing machines  
£114.30 members, £127.00 non-members  
MTE/23  
*Will be implemented as an identical British Standard*

**ISO 19085-3:2021**

Woodworking machines. Safety. Numerically controlled (NC/CNC) boring and routing machines  
£143.10 members, £159.00 non-members  
MTE/23  
*Will be implemented as an identical British Standard*

**ISO 19085-14:2021**

Woodworking machines. Safety. Four-sided moulding machines  
£114.30 members, £127.00 non-members  
MTE/23  
*Will be implemented as an identical British Standard*

**ISO 19085-15:2021**

Woodworking machines. Safety. Presses  
£114.30 members, £127.00 non-members  
MTE/23  
*Will be implemented as an identical British Standard*

**ISO 19085-16:2021**

Woodworking machines. Safety. Table band saws and band re-saws  
£99.90 members, £111.00 non-members  
MTE/23  
*Will be implemented as an identical British Standard*

**ISO 19242:2021**

Rubber. Determination of total sulfur content by ion chromatography  
£63.90 members, £71.00 non-members  
PRI/22  
*Will be implemented as an identical British Standard*

**ISO 19259:2021**

Plain bearings. Bearings with embedded solid lubricants  
£42.30 members, £47.00 non-members  
MCE/12  
*Will be implemented as an identical British Standard*

**ISO 19467-2:2021**

Thermal Performance of windows and doors. Determination of solar heat gain coefficient using solar simulator. Centre of glazing  
£99.90 members, £111.00 non-members  
B/540/8  
*Will be implemented as an identical British Standard*

**ISO/IEC 19794-7:2021**

Information technology. Biometric data interchange formats. Signature/sign time series data  
£143.10 members, £159.00 non-members  
IST/44/-/3  
*Will be implemented as an identical British Standard*

**ISO/TS 19807-2:2021**

Nanotechnologies. Magnetic nanomaterials. Specification of characteristics and measurement methods for nanostructured magnetic beads for nucleic acid extraction  
£63.90 members, £71.00 non-members  
NTI/1  
*Will be implemented as an identical British Standard*

**ISO 19901-5:2021**

Petroleum and natural gas industries. Specific requirements for offshore structures. Weight management  
£128.70 members, £143.00 non-members  
B/525/12  
*Will be implemented as an identical British Standard*

**ISO 19916-3:2021**

Glass in building. Vacuum insulating glass. Test methods for evaluation of performance under temperature differences  
£85.50 members, £95.00 non-members  
B/520  
*Will be implemented as an identical British Standard*

**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  
£42.30 members, £47.00 non-members  
B/517/1  
*Will be implemented as an identical British Standard*

**ISO 20344:2021**

Personal protective equipment. Test methods for footwear  
£143.10 members, £159.00 non-members  
PH/1  
*Will be implemented as an identical British Standard*

**ISO 20529-2:2021**

Intelligent transport systems. Framework for Green ITS (G-ITS) standards. Integrated mobile service applications  
£128.70 members, £143.00 non-members  
EPL/278  
*Will be implemented as an identical British Standard*

**ISO 20730-3:2021**

Road vehicles. Vehicle interface for electronic Periodic Technical Inspection (ePTI). Data definitions  
£114.30 members, £127.00 non-members  
AUE/16  
*Will be implemented as an identical British Standard*

**ISO/TS 20791-2:2021**

Photography. Photographic reflection prints. Evaluation of colour variation in printing  
£63.90 members, £71.00 non-members  
CPW/42  
*Will be implemented as an identical British Standard*

**ISO 20932-1:2018/A1:2021**

Textiles. Determination of the elasticity of fabrics. Strip tests  
£11.70 members, £13.00 non-members  
TCI/24  
*Will be implemented as an identical British Standard*

**ISO 21052:2021**

Restrained joint systems for ductile iron pipelines. Calculation rules for lengths to be restrained  
£85.50 members, £95.00 non-members  
PSE/10  
*Will be implemented as an identical British Standard*

**ISO 21061:2021**

Footwear. Chemical tests. General principles on the preparation of samples  
£63.90 members, £71.00 non-members  
TCI/69  
*Will be implemented as an identical British Standard*

**ISO 21111-6:2021**

Road vehicles. In-vehicle Ethernet. Electrical 100-Mbit/s physical entity requirements and conformance test plan  
£143.10 members, £159.00 non-members  
AUE/16  
*Will be implemented as an identical British Standard*

**ISO 21111-10:2021**

Road vehicles. In-vehicle Ethernet. Transport layer and network layer conformance test plans  
£143.10 members, £159.00 non-members  
AUE/16  
*Will be implemented as an identical British Standard*





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**ISO/TS 21596:2021**

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

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PTI/17

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**ISO 21690:2021**

Glass in building. Glass blocks. Specification and test methods

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B/520

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**ISO 21725-1:2021**

Simplified design of prestressed concrete bridges. I-girder bridges

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B/525/2

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**ISO 21725-2:2021**

Simplified design of prestressed concrete bridges. Box-girder bridges

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**ISO 21003-3:2008/A1:2021**

Multilayer piping systems for hot and cold water installations inside buildings. Fittings

£11.70 members, £13.00 non-members

PRI/88/2

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**ISO/TS 22107:2021**

Dispersibility of solid particles into a liquid

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LBI/37

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**ISO 22195-4:2021**

Textiles. Determination of index ingredient from coloured textile. Catechu

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TCI/80

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**ISO 22195-5:2021**

Textiles. Determination of index ingredient from coloured textile. Lac

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TCI/80

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**ISO 22195-6:2021**

Textiles. Determination of index ingredient from coloured textile. Punica granatum

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TCI/80

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**ISO/IEC 22237-4:2021**

Information technology. Data centre facilities and infrastructures. Environmental control

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TCT/7/3

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**ISO/TS 22317:2021**

Security and resilience. Business continuity management systems. Guidelines for business impact analysis

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CAR/1

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**ISO 22329:2021**

Security and resilience. Emergency management. Guidelines for the use of social media in emergencies

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SSM/1

*Will be implemented as an identical British Standard*

**ISO 22391-3:2009/A2:2021**

Plastics piping systems for hot and cold water installations. Polyethylene of raised temperature resistance (PE-RT). Fittings

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PRI/88/2

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**ISO 22402-1:2021**

Medium-transfer units for tool interfaces. Transfer units for hollow taper shanks in accordance with the ISO 12164 series

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MTE/18

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**ISO 22467:2021**

Traditional Chinese medicine. Determination of microorganisms in natural products

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CH/100/1

*Will not be implemented as a British Standard*

**ISO 22685:2021**

Refractory products. Determination of compressive strength at elevated temperature

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RPI/1

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**ISO/TS 22690:2021**

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

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IST/35

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**ISO 22749-2:2021**

Railway applications. Suspension components. Approval procedure and quality monitoring for elastomer-mechanical parts

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RAE/3/-/4

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**ISO 22752:2021**

Railway applications. Bodyside windows for rolling stock

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RAE/4/-/9

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**ISO 22862:2021**

Fertilizers and soil conditioners. Compound fertilizer. General requirements

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CII/37

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**ISO 22867:2021**

Forestry and gardening machinery. Vibration test code for portable hand-held machines with internal combustion engine. Vibration at the handles

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AGE/29

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**ISO 22949-1:2021**

Molecular biomarker analysis. Methods of analysis for the detection and identification of animal species in food and feed products (nucleotide sequencing-based methods). General requirements

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AW/275

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**ISO/TR 23076:2021**

Ergonomics. Recovery model for cyclical industrial work

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PH/9/-/4

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**ISO/IEC 23090-17:2021**

Information technology. Coded representation of immersive media. Reference software and conformance for omnidirectional media format (OMAF)

£42.30 members, £47.00 non-members

IST/37

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**ISO/IEC 23091-2:2021**

Information technology. Coding-independent code points. Video

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IST/37

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**ISO/IEC 23094-2:2021**

Information technology. General video coding. Low complexity enhancement video coding

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IST/37

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**ISO 23247-1:2021**

Automation systems and integration. Digital twin framework for manufacturing. Overview and general principles

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AMT/4

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**ISO 23247-4:2021**

Automation systems and integration. Digital twin framework for manufacturing. Information exchange

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**ISO/TS 23258:2021**

Blockchain and distributed ledger technologies. Taxonomy and Ontology  
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DLT/1  
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SME/32  
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Linux Standard Base (LSB). Common definitions  
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**ISO/IEC 23360-1-2:2021**

Linux Standard Base (LSB). Core specification generic part  
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**ISO/IEC 23360-1-3:2021**

Linux Standard Base (LSB). Desktop specification generic part  
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**ISO/IEC 23360-1-4:2021**

Linux Standard Base (LSB). Languages specification  
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**ISO/IEC 23360-1-5:2021**

Linux Standard Base (LSB). Imaging specification  
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**ISO/IEC TS 23360-1-6:2021**

Linux Standard Base (LSB). Graphics and Gtk3 specification  
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Linux Standard Base (LSB). Desktop specification for X86-32 architecture  
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**ISO/IEC 23360-3-3:2021**

Linux Standard Base (LSB). Desktop specification for IA64 (Itanium™) architecture  
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Linux Standard Base (LSB). Core specification for AMD64 (X86-64) architecture  
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**ISO/IEC 23360-4-3:2021**

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Linux Standard Base (LSB). Core specification for PowerPC 32 architecture  
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IST/5  
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**ISO/IEC 23360-5-3:2021**

Linux Standard Base (LSB). Desktop specification for PowerPC 32 architecture  
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**ISO/IEC 23360-6-2:2021**

Linux Standard Base (LSB). Core specification for PowerPC 64 architecture  
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**ISO/IEC 23360-6-3:2021**

Linux Standard Base (LSB). Desktop specification for PowerPC 64 architecture  
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**ISO/IEC 23360-7-2:2021**

Linux Standard Base (LSB). Core specification for S390 architecture  
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IST/5  
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**ISO/IEC 23360-7-3:2021**

Linux Standard Base (LSB). Desktop specification for S390 architecture  
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IST/5  
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**ISO/IEC 23360-8-2:2021**

Linux Standard Base (LSB). Core specification for S390X architecture  
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IST/5  
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**ISO/IEC 23360-8-3:2021**

Linux Standard Base (LSB). Desktop specification for S390X architecture  
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IST/5  
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**ISO 23400:2021**

Guidelines for the determination of organic carbon and nitrogen stocks and their variations in mineral soils at field scale  
£85.50 members, £95.00 non-members  
EH/4  
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**ISO 23407:2021**

Protective gloves against thermal risks (heat and/or fire)  
£85.50 members, £95.00 non-members  
PH/3  
*Will be implemented as an identical British Standard*

**ISO/IEC/TS 23532-1:2021**

Information security, cybersecurity and privacy protection. Requirements for the competence of IT security testing and evaluation laboratories. Evaluation for ISO/IEC15408  
£85.50 members, £95.00 non-members  
IST/33  
*Will be implemented as an identical British Standard*

**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/IEC19790  
£85.50 members, £95.00 non-members  
IST/33/3  
*Will be implemented as an identical British Standard*

**ISO 23551-6:2021**

Safety and control devices for gas burners and gas-burning appliances. Particular requirements. Thermoelectric flame supervision controls  
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GSE/22  
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**ISO/IEC/TS 23619:2021**

Information technology. C++ extensions for reflection  
£114.30 members, £127.00 non-members  
IST/5  
*Will be implemented as an identical British Standard*

**ISO/TS 23650:2021**

Nanotechnologies. Evaluation of the antimicrobial performance of textiles containing manufactured nanomaterials  
£63.90 members, £71.00 non-members  
NT/1  
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**ISO 23664:2021**

Traceability of rare earths in the supply chain from mine to separated products

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REI/1

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**ISO 23769:2021**

Furniture. Mattresses. Test methods for the determination of functional characteristics

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FW/0/2

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**ISO 23826:2021**

Gas cylinders. Ball valves. Specification and testing

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PVE/3/1

*Will be implemented as an identical British Standard*

**ISO 23961-1:2021**

Traditional Chinese medicine. Vocabulary for diagnostics. Tongue

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CH/100/1

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**ISO 23961-2:2021**

Traditional Chinese medicine. Vocabulary for diagnostics. Pulse

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CH/100/1

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**ISO 23972:2021**

Traditional Chinese medicine. *Zingiber officinale* rhizome

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CH/100/1

*Will not be implemented as a British Standard*

**ISO/TR 23016-3:2021**

Fine bubble technology. Agricultural applications. Guidelines for the minimum viable number concentration of ultrafine bubbles for promoting the germination of barley seeds

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LBI/50

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**ISO/IEC 23008-6:2021**

Information technology. High efficiency coding and media delivery in heterogeneous environments. 3D audio reference software

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IST/37

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**ISO/IEC 23001-14:2019/A1:2021**

Information technology. MPEG systems technologies. Partial file format

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IST/37

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**ISO 23999:2021**

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

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PRI/60

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

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

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ART/1

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**ISO 24045:2021**

Ships and marine technology. Adjustable roller-type chain stoppers

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SME/32

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**ISO 24059:2021**

Ships and marine technology. Anchor chain releasers

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SME/32

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**ISO 24061:2021**

Ships and marine technology. High holding power balance anchors

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SME/32

*Will be implemented as an identical British Standard*

**ISO 24223:2021**

Cheese. Guidance on sample preparation for physical and chemical testing

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AW/5

*Will be implemented as an identical British Standard*

**ISO 24366:2021**

Financial services. Natural person identifier (NPI)

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IST/12

*Will be implemented as an identical British Standard*

**ISO 24449:2021**

Metallic and other inorganic coatings. Determination of thermal conductivity of thermal barrier coatings at elevated temperature

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STI/40

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**ISO/TR 24463:2021**

Digital validation by effective use of simulation

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AMT/4

*Will be implemented as an identical British Standard*

**ISO 24487-1:2021**

Graphic technology. Processless lithographic plates. Evaluation methods for characteristics and performance

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PAI/43

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

Software and systems engineering. Agile development. Agile adoption considerations

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IST/15

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**ISO/TS 24634:2021**

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

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TS/1

*Will be implemented as an identical British Standard*

**ISO 24669:2021**

Water-absorbent polyacrylate in urine absorbing products. Requirements. Requirements

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CH/173

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**ISO 25518:2021**

Single-use rubber gloves for general applications. Specification

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CH/205/3

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**ISO 25539-4:2021**

Cardiovascular implants. Endovascular devices. Application of ISO 17327-1 for coated endovascular devices

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CH/150/2

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**ISO 25551:2021**

Ageing societies. General requirements and guidelines for carer-inclusive organizations

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CH/315

*Will be implemented as an identical British Standard*

**ISO 27126:2021**

Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals. Specification

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PRI/66

*Will be implemented as an identical British Standard*

**ISO 27127:2021**

Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of liquid petroleum gas and liquefied natural gas. Specification

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PRI/66

*Will be implemented as an identical British Standard*

**ISO/IEC 27555:2021**

Information security, cybersecurity and privacy protection. Guidelines on personally identifiable information deletion

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IST/33/5

*Will be implemented as an identical British Standard*

**ISO/TR 27877:2021**

Statistical analysis for evaluating the precision of binary measurement methods and their results

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SS/6

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

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

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ICT/1

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**ISO/IEC 29140:2021**

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

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IST/43

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**ISO/TR 20078-4:2021**

Road vehicles. Extended vehicle (ExVe) web services. Control

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AUE/16

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**ISO/IEC/TS 30105-6:2021**

Information technology. IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes. Guidelines on risk management

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IST/60/3

*Will be implemented as an identical British Standard*

**ISO 37106:2021**

Sustainable cities and communities. Guidance on establishing smart city operating models for sustainable communities

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SDS/2

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**ISO/IEC/TR 30174:2021**

Internet of Things (IoT). Socialized IoT system resembling human social interaction dynamics

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IOT/1

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**ISO/IEC 30118-1:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. Core specification

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ICT/1

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**ISO/IEC 30118-2:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. Security specification

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ICT/1

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**ISO/IEC 30118-3:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. Bridging specification

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ICT/1

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**ISO/IEC 30118-4:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. Resource type specification

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ICT/1

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**ISO/IEC 30118-5:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. OCF device specification

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ICT/1

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**ISO/IEC 30118-6:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. Resource to AllJoyn interface mapping specification

£128.70 members, £143.00 non-members

ICT/1

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**ISO/IEC 30118-7:2021**

Information Technology. Open Connectivity Foundation (OCF) Specification. Wi-Fi easy setup specification

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ICT/1

*Will be implemented as an identical British Standard*

**ISO/IEC 30118-8:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. OCF resource to oneM2M resource mapping specification

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ICT/1

*Will be implemented as an identical British Standard*

**ISO/IEC 30118-9:2021**

Information technology. Open connectivity foundation (OCF). Core optional specification

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ICT/1

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**ISO/IEC 30118-10:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. Cloud API for cloud services specification

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**ISO/IEC 30118-11:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. Device to cloud services specification

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ICT/1

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**ISO/IEC 30118-12:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. Cloud security specification

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ICT/1

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**ISO/IEC 30118-13:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. Onboarding tool specification

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ICT/1

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**ISO/IEC 30118-14:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. OCF resource to BLE mapping specification

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**ISO/IEC 30118-15:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. OCF resource to EnOcean mapping specification

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**ISO/IEC 30118-16:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. OCF resource to UPlus mapping specification

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ICT/1

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**ISO/IEC 30118-17:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. OCF resource to Zigbee cluster mapping specification

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ICT/1

*Will be implemented as an identical British Standard*

**ISO/IEC 30118-18:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. OCF resource to Z-wave mapping specification

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ICT/1

*Will be implemented as an identical British Standard*

**ISO 44004:2021**

Collaborative business relationship management. Guidelines for large organizations seeking collaboration with micro, small and medium-sized enterprises (MSMEs)

£42.30 members, £47.00 non-members

SVS/1/4

*Will be implemented as an identical British Standard*

**ISO/PAS PUBLICATIONS**

**ISO/P 5101:2021**

Road vehicles. Field load specification for brake actuation and modulation systems

£128.70 members, £143.00 non-members

AUE/15

**ISO/P 13473-6:2021**

Characterization of pavement texture by use of surface profiles. Verification of the performance of laser profilometers used for pavement texture measurements

£63.90 members, £71.00 non-members

EH/1/2



## National standards out for review in 2022

BSI is reviewing its national standards this year and we'd like to hear your views. The committees responsible for these standards are currently considering whether they are still valid, need to be amended or revised or are no longer in use and can be withdrawn.

To find out what national standards are out for review in 2022, please download the list at

<https://pages.bsigroup.com/National-reviews-2021>

If you have any views on any standards on the list email [BSUKoperations.review@bsigroup.com](mailto:BSUKoperations.review@bsigroup.com) by 31 March 2022 and we will pass them to the committee concerned for their consideration.



Learn more:

<https://pages.bsigroup.com/National-reviews-2022>

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Let us take the hassle out of your standards and subject searches. We employ a team of information professionals, just for Members. They're dedicated to answering your questions on BSI standards and helping you with your standards-related queries. They will:

- Provide scope and content information on any standard
- Find standards through subject searches
- Give you expanded information on what a standard covers through keyword searches
- You can view full standards online or in printed format in our Members' Reading Room in London.

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# UPDATE STANDARDS

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## About BSI

BSI is the business standards company that helps organizations all over the world make excellence a habit. We understand the complexity and competitiveness of the construction industry, and the challenges this brings for companies seeking to improve margins, reduce costs and improve predictability. Whether you're involved in infrastructure or buildings, public, private or PPP, we understand the challenges you face including managing financial risks, efficient delivery, or meeting legislative or environmental requirements. Plus we recognize the need to find innovative solutions whilst also avoiding project over-runs.



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