

# UPDATE STANDARDS



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### Contents

4 Quick Reference Guide	12 BSI Flex	36 Documents not issued as DPCs
6 New and revised British Standards	12 Corrigenda to British Standards	37 CEN publications
6 BS EN publications	12 Updated British Standards	40 CENELEC publications
8 British Standard implementations	13 British Standards confirmed	40 IEC publications
10 Published Documents	17 British Standards withdrawn	42 ISO publications
10 Publicly Available Specifications	20 New work started	
	28 Draft British Standards	

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In these pages you'll find details of new, revised, draft and withdrawn standards and publications from the last month.



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The following British Standards are listed or referred to in this issue of Update Standards with the exception of those in 'New Work Started'.

## Quick reference guide

### Building and civil engineering

BS 1139	6, 20
BS 5273	20
BS 40101	6
BS EN 1004	17
BS EN 1463	6, 17
BS EN 1744	6, 17
BS EN 12274	13
BS EN 13126	7, 18
BS EN 13286	13, 14
BS EN 13719	14
BS EN 13877	14
BS EN 13880	14
BS EN 14019	14
BS EN 14188	14
BS EN 14196	14
BS EN 14227	14
BS EN 14414	14
BS EN 14415	14
BS EN 14575	14
BS EN 14840	14
BS EN 15466	14
BS EN 16228	13
BS ISO 4784	8
BS ISO 15686	16
BS ISO 19916	8
BS ISO 21815	8
PD 6694	13

### Consumer products and services

BS 7390	8, 20
BS EN 926	12
BS EN ISO 8611	7, 17
BS EN ISO 11702	13
BS EN 12491	12
BS EN ISO 12966	13
BS EN 13089	13
BS EN ISO 16217	12
BS EN 17550	7
BS EN ISO 18363	12
BS EN 50134	18
BS ISO 6079	8, 20
BS ISO 8611	17
BS ISO 17240	16

### Electrotechnical

BS 8546	20
BS EN IEC 55016	18
BS EN IEC 60268	18
BS EN IEC 60332	18
BS EN IEC 60695	6, 19
BS EN IEC 60730	19
BS EN IEC 60809	17
BS EN IEC 60891	6, 19
BS EN IEC 61000	19
BS EN IEC 61058	19
BS EN IEC 61326	17
BS EN IEC 61753	19
BS EN IEC 61784	19, 20
BS EN IEC 61788	20
BS EN IEC 61914	6, 20
BS EN IEC 61918	20
BS EN IEC 61970	6
BS EN IEC 61993	20
BS EN IEC 62282	20
BS EN IEC 62442	20
BS EN IEC 62841	6
BS EN IEC 63013	12
BS EN 14038	12
BS EN 17037	13
BS EN 50106	16
BS EN 50344	16

BS EN 50604	18
BS EN 50632	18
BS EN 55016	18
BS EN 60268	18
BS EN 60332	18
BS EN 60335	19
BS EN 60350	19
BS EN 60691	19
BS EN 60695	6, 19
BS EN 60730	19
BS EN 60745	19
BS EN 60891	6, 19
BS EN 61000	19
BS EN 61058	19
BS EN 61326	17
BS EN 61753	19
BS EN 61784	19, 20
BS EN 61788	20
BS EN 61914	6, 20
BS EN 61918	20
BS EN 61970	6
BS EN 61993	20
BS EN 62442	20
BS EN 62841	19
BS EN 62920	20
BS EN 62922	13
BS IEC 61097	12
BS IEC 61196	8
PD CEN ISO/TS 21719	10
PD IEC TR 61850	10
PD IEC/TS 62282	20
PD IEC TS 63202	10

### Engineering

BS 669	6, 20
BS EN 30	6, 17
BS EN 203	6, 17
BS EN IEC 60404	6
BS EN IEC 60974	18, 19
BS EN IEC 63121	6
BS EN ISO 2566	7, 17
BS EN 2854	7, 17
BS EN ISO 10414	13
BS EN ISO 11439	12
BS EN 12760	13
BS EN 12952	7, 17, 18
BS EN ISO 13503	14
BS EN 13848	7, 18
BS EN 14894	7, 18
BS EN 15502	18
BS EN 15734	13
BS EN 16119	7, 18
BS EN 17527	7
BS EN ISO 19085	7, 18
BS EN ISO 22867	8, 18
BS EN 50504	18
BS EN 60974	19
BS ISO 965	13
BS ISO 5429	16
BS ISO 7289	12
BS ISO 7745	16
BS ISO 9343	8, 20
BS ISO 15635	16
BS ISO 16057	16
BS ISO 16796	8
BS ISO 20766	8
BS ISO 21948	16
BS ISO 21950	16
BS ISO 22917	16
BS ISO 24378	10
BS ISO 31120	10

### Health and environment

BS 5724	19
BS 8580	6
BS EN 872	13
BS EN IEC 61223	6
BS EN 1484	13
BS EN ISO 3382	7, 17
BS EN ISO 9713	7, 17

BS EN ISO 10993	12
BS EN 12873	7, 17
BS EN 12918	13
BS EN 13137	18
BS EN 14011	14
BS EN 14184	14
BS EN 14207	14
BS EN 14407	14
BS EN 14486	14
BS EN 14757	14
BS EN 14972	7
BS EN ISO 15384	13
BS EN 15460	14
BS EN 15708	14
BS EN ISO 15883	12
BS EN 16101	14
BS EN 16150	14
BS EN 16161	14
BS EN 16164	16
BS EN 16166	7, 18
BS EN 16260	16
BS EN ISO 16266	12
BS EN 16691	16
BS EN 16693	16
BS EN 16694	16
BS EN 16695	16
BS EN 16698	16
BS EN 16772	16
BS EN ISO 20714	12
BS EN ISO 20776	7, 18
BS EN 60601	19
BS ISO 23196	8
BS ISO 24562	10
PD CEN/TS 17660	10
PD ISO/TR 16732	16
PD ISO/TR 24679	16

### Information systems

BS EN 50098	18
BS ISO/IEC/IEEE 32430	8
BS ISO/IEC 14763	20
BS ISO/IEC 18041	16
BS ISO/IEC 19510	16
BS ISO/IEC 23360	10
BS ISO/IEC 30118	10, 20
BS ISO/IEC 38503	10
PD ISO/TS 23301	10
PD ISO/IEC TR 30174	10
PD ISO/IEC TS 38505	10

### Management systems

BS ISO 17679	16
BS ISO 24610	16

### Materials and chemicals

BS 2782	17
BS 6783	8, 20
BS EN ISO 527	6, 17
BS EN 682	13
BS EN ISO 3501	7, 17
BS EN ISO 8230	13
BS EN ISO 10472	13
BS EN 12241	13
BS EN 12562	13
BS EN 12590	13
BS EN 13773	14
BS EN 15598	14
BS EN ISO 15875	13
BS EN 15930	14
BS EN 16776	16
BS EN 16812	16
BS ISO 1888	8, 20
BS ISO 9398	16
BS ISO 11400	8, 20
BS ISO 13738	16
BS ISO 16532	16
BS ISO 18115	8, 20
BS ISO 23703	10
BS ISO 27126	10, 20

PD CEN/TS 1555 .....	10, 20
PD CEN/TS 15968 .....	16
PD CEN/TS 16822 .....	16
PD CEN ISO/TS 23973 .....	12
PD ISO/TR 7262 .....	10
PD ISO/TS 21357 .....	10

**Alpha-numeric sequence of British Standards quoted in this issue**

BS 669 .....	6, 20
BS 1139 .....	6, 20
BS 2782 .....	17
BS 5273 .....	20
BS 5724 .....	19
BS 6783 .....	8, 20
BS 7390 .....	8, 20
BS 8546 .....	20
BS 8580 .....	6
BS 40101 .....	6
BS EN 30 .....	6, 17
BS EN 203 .....	6, 17
BS EN ISO 527 .....	6, 17
BS EN 682 .....	13
BS EN 872 .....	13
BS EN 926 .....	12
BS EN IEC 55016 .....	18
BS EN IEC 60268 .....	18
BS EN IEC 60332 .....	18
BS EN IEC 60404 .....	6
BS EN IEC 60695 .....	6, 19
BS EN IEC 60730 .....	19
BS EN IEC 60809 .....	17
BS EN IEC 60891 .....	6, 19
BS EN IEC 60974 .....	18, 19
BS EN IEC 61000 .....	19
BS EN IEC 61058 .....	19
BS EN IEC 61223 .....	6
BS EN IEC 61326 .....	17
BS EN IEC 61753 .....	19
BS EN IEC 61784 .....	19, 20
BS EN IEC 61788 .....	20
BS EN IEC 61914 .....	6, 20
BS EN IEC 61918 .....	20
BS EN IEC 61970 .....	6
BS EN IEC 61993 .....	20
BS EN IEC 62282 .....	20
BS EN IEC 62442 .....	20
BS EN IEC 62841 .....	6
BS EN IEC 63013 .....	12
BS EN IEC 63121 .....	6
BS EN 1004 .....	17
BS EN ISO 1302 .....	8, 17
BS EN 1463 .....	6, 17
BS EN 1484 .....	13
BS EN 1744 .....	6, 17
BS EN ISO 2566 .....	7, 17
BS EN 2854 .....	7, 17
BS EN ISO 3382 .....	7, 17
BS EN ISO 3501 .....	7, 17
BS EN ISO 4287 .....	8, 17
BS EN ISO 4288 .....	8, 17
BS EN ISO 8230 .....	13
BS EN ISO 8611 .....	7, 17
BS EN ISO 9713 .....	7, 17
BS EN ISO 10414 .....	13
BS EN ISO 10472 .....	13
BS EN ISO 10993 .....	12
BS EN ISO 11439 .....	12
BS EN ISO 11702 .....	13
BS EN ISO 12085 .....	8, 17
BS EN 12241 .....	13
BS EN 12274 .....	13
BS EN 12491 .....	12
BS EN 12562 .....	13
BS EN 12590 .....	13
BS EN 12760 .....	13
BS EN 12873 .....	7, 17
BS EN 12918 .....	13
BS EN 12952 .....	7, 17, 18
BS EN ISO 12966 .....	13
BS EN 13089 .....	13
BS EN 13126 .....	7, 18

BS EN 13137 .....	18
BS EN 13286 .....	13, 14
BS EN ISO 13503 .....	14
BS EN ISO 13565 .....	8, 18
BS EN 13719 .....	14
BS EN 13773 .....	14
BS EN 13848 .....	7, 18
BS EN 13877 .....	14
BS EN 13880 .....	14
BS EN 14011 .....	14
BS EN 14019 .....	14
BS EN 14038 .....	12
BS EN 14184 .....	14
BS EN 14188 .....	14
BS EN 14196 .....	14
BS EN 14207 .....	14
BS EN 14227 .....	14
BS EN 14407 .....	14
BS EN 14414 .....	14
BS EN 14415 .....	14
BS EN 14486 .....	14
BS EN 14575 .....	14
BS EN 14757 .....	14
BS EN 14840 .....	14
BS EN 14894 .....	7, 18
BS EN 14972 .....	7
BS EN ISO 15384 .....	13
BS EN 15460 .....	14
BS EN 15466 .....	14
BS EN 15502 .....	18
BS EN 15598 .....	14
BS EN 15708 .....	14
BS EN 15734 .....	13
BS EN ISO 15875 .....	13
BS EN ISO 15883 .....	12
BS EN 15930 .....	14
BS EN 16101 .....	14
BS EN 16119 .....	7, 18
BS EN 16150 .....	14
BS EN 16161 .....	14
BS EN 16164 .....	16
BS EN 16166 .....	7, 18
BS EN ISO 16217 .....	12
BS EN 16228 .....	13
BS EN 16260 .....	16
BS EN ISO 16266 .....	12
BS EN ISO 16610 .....	18
BS EN 16691 .....	16
BS EN 16693 .....	16
BS EN 16694 .....	16
BS EN 16695 .....	16
BS EN 16698 .....	16
BS EN 16701 .....	16
BS EN 16772 .....	16
BS EN 16776 .....	16
BS EN 16812 .....	16
BS EN 17037 .....	13
BS EN 17527 .....	7
BS EN 17550 .....	7
BS EN ISO 18363 .....	12
BS EN ISO 19085 .....	7, 18
BS EN ISO 20714 .....	12
BS EN ISO 20776 .....	7, 18
BS EN ISO 21920 .....	8, 17, 18
BS EN ISO 22867 .....	8, 18
BS EN ISO 25178 .....	8, 18
BS EN 50098 .....	18
BS EN 50106 .....	16
BS EN 50134 .....	18
BS EN 50344 .....	16
BS EN 50504 .....	18
BS EN 50604 .....	18
BS EN 50632 .....	18
BS EN 55016 .....	18
BS EN 60268 .....	18
BS EN 60332 .....	18
BS EN 60335 .....	19
BS EN 60350 .....	19
BS EN 60601 .....	19
BS EN 60691 .....	19
BS EN 60695 .....	6, 19
BS EN 60730 .....	19
BS EN 60745 .....	19

BS EN 60891 .....	6, 19
BS EN 60974 .....	19
BS EN 61000 .....	19
BS EN 61058 .....	19
BS EN 61326 .....	19
BS EN 61753 .....	17
BS EN 61784 .....	19, 20
BS EN 61788 .....	20
BS EN 61914 .....	6, 20
BS EN 61918 .....	20
BS EN 61970 .....	6
BS EN 61993 .....	20
BS EN 62442 .....	20
BS EN 62841 .....	19
BS EN 62920 .....	20
BS EN 62922 .....	13
BS ISO 965 .....	13
BS ISO 1888 .....	8, 20
BS ISO 4288 .....	17
BS ISO 4784 .....	8
BS ISO 5429 .....	16
BS ISO 6079 .....	8, 20
BS ISO 7289 .....	12
BS ISO 7745 .....	16
BS ISO 8611 .....	17
BS ISO 9343 .....	8, 20
BS ISO 9398 .....	16
BS ISO/IEC/JECC 32430 .....	8
BS ISO 11400 .....	8, 20
BS ISO 12085 .....	17
BS ISO 13565 .....	18
BS ISO 13738 .....	16
BS ISO/IEC 14763 .....	20
BS ISO 15635 .....	16
BS ISO 15686 .....	16
BS ISO 16057 .....	16
BS ISO 16532 .....	16
BS ISO 16796 .....	8
BS ISO 17240 .....	16
BS ISO 17679 .....	16
BS ISO/IEC 18041 .....	16
BS ISO 18115 .....	8, 20
BS ISO/IEC 19510 .....	16
BS ISO 19916 .....	8
BS ISO 20766 .....	8
BS ISO 21815 .....	8
BS ISO 21948 .....	16
BS ISO 21950 .....	16
BS ISO 22917 .....	16
BS ISO 23196 .....	8
BS ISO/IEC 23360 .....	10
BS ISO 23703 .....	10
BS ISO 24378 .....	10
BS ISO 24562 .....	10
BS ISO 24610 .....	16
BS ISO 27126 .....	10, 20
BS ISO/IEC 30118 .....	10, 20
BS ISO 31120 .....	10
BS ISO/IEC 38503 .....	10
BS IEC 61097 .....	12
BS IEC 61196 .....	8
PD CEN/TS 1555 .....	10, 20
PD CEN/TS 15968 .....	16
PD CEN/TS 16822 .....	16
PD CEN/TS 17660 .....	10
PD CEN ISO/TS 21719 .....	10
PD CEN ISO/TS 23973 .....	12
PD 6694 .....	13
PD ISO/TR 7262 .....	10
PD ISO/TR 16732 .....	16
PD ISO/TS 21357 .....	10
PD ISO/TS 23301 .....	10
PD ISO/TR 24679 .....	16
PD ISO/IEC TR 30174 .....	10
PD ISO/IEC TS 38505 .....	10
PD IEC TR 61850 .....	10
PD IEC/TS 62282 .....	20
PD IEC TS 63202 .....	10
PAS 2035/2030 .....	12
PAS 8877 .....	10
PAS 9980 .....	12

## BRITISH STANDARDS

The following British Standard publications are available from BSI Customer Services (see 'How to order' on page 2).

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

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

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

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### BS 669-1:2022

Flexible hoses, end fittings and sockets for gas burning appliances. Strip-wound metallic flexible hoses, covers, end fittings and sockets for domestic appliances burning 1st, 2nd and 3rd family gases. Specification

supersedes BS 669-1:1989  
ISBN 978 0 539 14319 5  
£96.00 members, £192.00 non-members  
GSE/42

### BS 1139-6:2022

Metal scaffolding. Prefabricated tower scaffolds outside the scope of BS EN 1004, but utilizing components from such systems. Specification

supersedes BS 1139-6:2014  
ISBN 978 0 539 12957 1  
£112.50 members, £225.00 non-members  
B/514/24

### BS 8580-2:2022

Water quality. Risk assessments for *Pseudomonas aeruginosa* and other waterborne pathogens. Code of practice

no current standard is superseded  
ISBN 978 0 539 12818 5  
£144.50 members, £289.00 non-members  
EH/3/4

### BS 40101:2022

Building performance evaluation of occupied and operational buildings (using data gathered from tests, measurements, observation and user experience). Specification

no current standard is superseded  
ISBN 978 0 539 16340 7  
£153.50 members, £307.00 non-members  
CB/401

## BS EN PUBLICATIONS

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

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

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

### BS EN 30-1-1:2021

Domestic cooking appliances burning gas. Safety. General

supersedes BS EN 30-1-1:2008+A3:2013  
ISBN 978 0 580 98483 9  
£173.00 members, £346.00 non-members  
GSE/35

### BS EN 203-1:2021

Gas heated catering equipment. General safety requirements

supersedes BS EN 203-1:2014  
ISBN 978 0 539 02623 8  
£144.50 members, £289.00 non-members  
GSE/19

### BS EN ISO 527-4:2021

Plastics. Determination of tensile properties. Test conditions for isotropic and orthotropic fibre-reinforced plastic composites

supersedes BS EN ISO 527-4:1997  
ISBN 978 0 539 12683 9  
£112.50 members, £225.00 non-members  
PRI/42

### BS EN 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

no current standard is superseded  
ISBN 978 0 539 02388 6  
£134.00 members, £268.00 non-members  
ISE/108

### BS EN IEC 60695-7-2:2021

Fire hazard testing. Toxicity of fire effluent. Summary and relevance of test methods

supersedes BS EN 60695-7-2:2011  
ISBN 978 0 539 03697 8  
£127.00 members, £254.00 non-members  
GEL/89

### BS EN IEC 60891:2021

Photovoltaic devices. Procedures for temperature and irradiance corrections to measured I-V characteristics

supersedes BS EN 60891:2010  
ISBN 978 0 580 52005 1  
£112.50 members, £225.00 non-members  
GEL/82

### BS EN IEC 61223-3-7:2021

Evaluation and routine testing in medical imaging departments. Acceptance and constancy tests. Imaging performance of X-ray equipment for dental cone beam computed tomography

no current standard is superseded  
ISBN 978 0 539 03730 2  
£127.00 members, £254.00 non-members  
CH/62/2

### BS EN IEC 61914:2021

Cable cleats for electrical installations

supersedes BS EN 61914:2016  
ISBN 978 0 539 03702 9  
£127.00 members, £254.00 non-members  
PEL/213

### BS EN IEC 61970-452:2021

Energy management system application program interface (EMS-API). CIM static transmission network model profiles

supersedes BS EN 61970-452:2017 which remains current  
ISBN 978 0 539 04455 3  
£215.50 members, £431.00 non-members  
PEL/57

### BS 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

no current standard is superseded  
ISBN 978 0 539 12520 7  
£144.50 members, £289.00 non-members  
CPL/116

### BS EN IEC 63121:2021

Radiation protection instrumentation. Vehicle-mounted mobile systems for the detection of illicit trafficking of radioactive materials

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ISBN 978 0 580 98860 8  
£134.00 members, £268.00 non-members  
NCE/2

### BS EN 1463-1:2021

Road marking materials. Retroreflecting road studs. Initial performance requirements

supersedes BS EN 1463-1:2009  
ISBN 978 0 539 03173 7  
£96.00 members, £192.00 non-members  
B/509/2

### BS EN 1744-4:2021

Tests for chemical properties of aggregates. Determination of water susceptibility of fillers for bituminous mixtures

supersedes BS EN 1744-4:2005  
ISBN 978 0 539 02574 3  
£96.00 members, £192.00 non-members  
B/502/6

**BS EN ISO 2566-1:2021**

Steel. Conversion of elongation values. Carbon and low-alloy steels

supersedes BS EN ISO 2566-1:1999

ISBN 978 0 539 14208 2

£112.50 members, £225.00 non-members

ISE/100

**BS EN ISO 2566-2:2021**

Steel. Conversion of elongation values. Austenitic steels

supersedes BS EN ISO 2566-2:2001

ISBN 978 0 539 14209 9

£112.50 members, £225.00 non-members

ISE/100

**BS EN 2854-002:2021**

Aerospace series. Cables, electrical for general purpose. Operating temperatures between - 55 °C and 260 °C. General

supersedes BS EN 2854-002:2009

ISBN 978 0 539 17504 2

£58.00 members, £116.00 non-members

ACE/6

**BS EN ISO 3382-3:2022**

Acoustics. Measurement of room acoustic parameters. Open plan offices

supersedes BS EN ISO 3382-3:2012

ISBN 978 0 539 12895 6

£96.00 members, £192.00 non-members

EH/1/6

**BS EN ISO 3501:2022**

Plastics piping systems. Mechanical joints between fittings and pressure pipes. Test method for resistance to pull-out under constant longitudinal force

supersedes BS EN ISO 3501:2015

ISBN 978 0 539 16018 5

£58.00 members, £116.00 non-members

PR/88/4

**BS EN ISO 8611-1:2022**

Pallets for materials handling. Flat pallets. Test methods

supersedes BS EN ISO 8611-1:2012

ISBN 978 0 539 05588 7

£112.50 members, £225.00 non-members

PKW/0/-/3

**BS EN ISO 8611-2:2022**

Pallets for materials handling. Flat pallets. Performance requirements and selection of tests

supersedes BS EN ISO 8611-2:2012+A1:2016

ISBN 978 0 539 05589 4

£69.00 members, £138.00 non-members

PKW/0/-/3

**BS EN ISO 9713:2022**

Neurosurgical implants. Self-closing intracranial aneurysm clips

supersedes BS EN ISO 9713:2009

ISBN 978 0 580 99610 8

£69.00 members, £138.00 non-members

CH/150

**BS EN 12873-2:2021**

Influence of materials on water intended for human consumption. Influence due to migration. Test method for non-metallic and noncementitious site-applied materials

supersedes BS EN 12873-2:2005

ISBN 978 0 539 13373 8

£112.50 members, £225.00 non-members

EH/6

**BS EN 12952-2:2021**

Water-tube boilers and auxiliary installations. Materials for pressure parts of boilers and accessories

supersedes BS EN 12952-2:2011

ISBN 978 0 539 06745 3

£127.00 members, £254.00 non-members

PVE/2

**BS EN 12952-5:2021**

Water-tube boilers and auxiliary installations. Workmanship and construction of pressure parts of the boiler

supersedes BS EN 12952-5:2011

ISBN 978 0 539 06746 0

£153.50 members, £307.00 non-members

PVE/2

**BS EN 12952-6:2021**

Water-tube boilers and auxiliary installations. Inspection during construction, documentation and marking of pressure parts of the boiler

supersedes BS EN 12952-6:2011

ISBN 978 0 539 06747 7

£112.50 members, £225.00 non-members

PVE/2

**BS EN 12952-10:2021**

Water-tube boilers and auxiliary installations. Requirements for safety devices against excessive pressure

supersedes BS EN 12952-10:2002

ISBN 978 0 539 06743 9

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PVE/2

**BS EN 13126-14:2022**

Building hardware. Hardware for windows and door height windows. Requirements and test methods. Sash fasteners

supersedes BS EN 13126-14:2012

ISBN 978 0 539 14640 0

£69.00 members, £138.00 non-members

B/538/4

**BS EN 13848-3:2021**

Railway applications. Track. Track geometry quality. Measuring systems. Track construction and maintenance machines

supersedes BS EN 13848-3:2009

ISBN 978 0 580 96994 2

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RAE/2

**BS EN 14894:2021**

LPG equipment and accessories. Cylinder and drum marking

supersedes BS EN 14894:2013

ISBN 978 0 539 06648 7

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PVE/19

**BS EN 14972-3:2021**

Fixed firefighting systems. Water mist systems. Test protocol for office, school classrooms and hotel for automatic nozzle systems

no current standard is superseded

ISBN 978 0 580 51980 2

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FSH/18/5

**BS EN 16119:2021**

LPG equipment and accessories. Sealing caps and plugs for LPG cylinder and pressure vessel valves. Specification and testing

supersedes BS EN 16119:2013

ISBN 978 0 539 12496 5

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PVE/19

**BS EN 16166:2021**

Soil, treated biowaste and sludge. Determination of adsorbed organically bound halogens (AOX)

supersedes BS EN 16166:2012

ISBN 978 0 539 13514 5

£69.00 members, £138.00 non-members

EH/4

**BS EN 17527:2021**

Helium cryostats. Protection against excessive pressure

no current standard is superseded

ISBN 978 0 539 04151 4

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PVE/18

**BS EN 17550:2021**

Animal feeding stuffs: Methods of sampling and analysis. Determination of carotenoids in animal compound feed and premixtures by high performance liquid chromatography. UV detection (HPLC-UV)

no current standard is superseded

ISBN 978 0 539 00054 2

£134.00 members, £268.00 non-members

AW/10

**BS EN ISO 19085-3:2021**

Woodworking machine. Safety. Numerically controlled (NC/CNC) boring and routing machines

supersedes BS EN ISO 19085-3:2017

ISBN 978 0 539 01194 4

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**BS EN ISO 20776-2:2021**

Clinical laboratory testing and in vitro diagnostic test systems. Susceptibility testing of infectious agents and evaluation of performance of antimicrobial susceptibility test devices. Evaluation of performance of antimicrobial susceptibility test devices against reference broth micro-dilution

supersedes BS EN ISO 20776-2:2007

ISBN 978 0 539 15112 1

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CH/212



**BS EN ISO 21920-1:2022**

Geometrical product specifications (GPS). Surface texture: Profile. Indication of surface texture

supersedes BS EN ISO 1302:2002  
ISBN 978 0 539 05453 8  
£134.00 members, £268.00 non-members  
TPR/1

**BS EN ISO 21920-2:2022**

Geometrical product specifications (GPS). Surface texture: Profile. Terms, definitions and surface texture parameters

supersedes BS EN ISO 12085:1997, BS EN ISO 13565-1:1998, BS EN ISO 13565-2:1998, BS EN ISO 13565-3:2000 and BS EN ISO 4287:1998+A1:2009  
ISBN 978 0 539 05454 5  
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TPR/1

**BS EN ISO 21920-3:2022**

Geometrical product specifications (GPS). Surface texture: Profile. Specification operators

supersedes BS EN ISO 4288:1998  
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TPR/1

**BS EN ISO 22867:2021**

Forestry and gardening machinery. Vibration test code for portable hand-held machines with internal combustion engine. Vibration at the handles

supersedes BS EN ISO 22867:2011  
ISBN 978 0 539 00644 5  
£112.50 members, £225.00 non-members  
AGE/29

**BS EN ISO 25178-2:2022**

Geometrical product specifications (GPS). Surface texture: Areal. Terms, definitions and surface texture parameters

supersedes BS EN ISO 25178-2:2012  
ISBN 978 0 539 05391 3  
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TPR/1

**BS IMPLEMENTATIONS**

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**BS IEC 61196-1-100:2022**

Coaxial communication cables. Electrical test methods. General requirements

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EPL/46

**BS ISO 1888:2022**

Textile glass. Staple fibres or filaments. Determination of average diameter

supersedes BS ISO 1888:1996  
ISBN 978 0 539 16323 0  
£69.00 members, £138.00 non-members  
PRI/42

**BS ISO 4784:2022**

Building and civil engineering sealants. Determination of surface cure time

no current standard is superseded  
ISBN 978 0 539 13746 0  
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B/547

**BS ISO 6079:2021**

Instant tea in solid form. Specification

supersedes BS 7390:1990  
ISBN 978 0 539 15753 6  
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AW/8

**BS ISO 9343:2021**

Pliers and nippers. Slip joint pliers. Dimensions and test values

supersedes BS ISO 9343:2004  
ISBN 978 0 539 06697 5  
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MTE/15

**BS ISO/IEC/IEEE 32430:2021**

Software engineering. Trial use standard for software non-functional sizing measurements

no current standard is superseded  
ISBN 978 0 539 15708 6  
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IST/15

**BS ISO 11400:2021**

Nickel, ferronickels and nickel alloys. Determination of phosphorus content. Phosphovanadomolybdate spectrophotometric method

supersedes BS 6783-13:1992  
ISBN 978 0 539 17361 1  
£69.00 members, £138.00 non-members  
I/-

**BS ISO 16796:2022**

Nuclear energy. Determination of Gd<sub>2</sub>O<sub>3</sub> content in gadolinium fuel blends and gadolinium fuel pellets by atomic emission spectrometry using an inductively coupled plasma source (ICP-AES)

no current standard is superseded  
ISBN 978 0 539 13370 7  
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NCE/9

**BS ISO 18115-2:2021**

Surface chemical analysis. Vocabulary. Terms used in scanning-probe microscopy

supersedes BS ISO 18115-2:2013  
ISBN 978 0 539 18198 2  
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CIU/60

**BS ISO 19916-3:2021**

Glass in building. Vacuum insulating glass. Test methods for evaluation of performance under temperature differences

no current standard is superseded  
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£96.00 members, £192.00 non-members  
B/520

**BS ISO 20766-13:2022**

Road vehicles. Liquefied petroleum gas (LPG) fuel system components. Multivalve

no current standard is superseded  
ISBN 978 0 539 04352 5  
£58.00 members, £116.00 non-members  
GSE/40

**BS ISO 20766-14:2022**

Road vehicles. Liquefied petroleum gas (LPG) fuel system components. Vaporizer/pressure regulator

no current standard is superseded  
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**BS ISO 20766-16:2022**

Road vehicles. Liquefied petroleum gas (LPG) fuel system components. Injectors and gas mixing device/fuel rail

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ISBN 978 0 539 04354 9  
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**BS ISO 20766-24:2022**

Road vehicles. Liquefied petroleum gas (LPG) fuel system components. Gas tubes

no current standard is superseded  
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GSE/40

**BS ISO 20766-25:2022**

Road vehicles. Liquefied petroleum gas (LPG) fuel system components. Gas connections

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GSE/40

**BS ISO 21815-1:2022**

Earth-moving machinery. Collision warning and avoidance. General requirements

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B/513/1

**BS ISO 23196:2022**

Water quality. Calculation of biological equivalence (BEQ) concentrations

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EH/3/5





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IST/5

**BS ISO/IEC 23360-4-2:2021**

Linux Standard Base (LSB). Core specification for AMD64 (X86-64) architecture

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IST/5

**BS ISO 23703:2022**

Microbeam analysis. Guidelines for misorientation analysis to assess mechanical damage of austenitic stainless steel by electron backscatter diffraction (EBSD)

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CII/9

**BS ISO 24378:2022**

Feed machinery. Vocabulary

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MCE/3/5

**BS ISO 24562:2022**

Prosthetics. Geometrical aspects of lower limb prosthetic adapters

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CH/168

**BS ISO 27126:2021**

Thermoplastic multi-layer (nonvulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals. Specification

supersedes BS ISO 27126:2014

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PR1/66

**BS ISO 31120-1:2022**

Road vehicles. Injection water. Quality requirements

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MCE/22

**BS ISO/IEC 38503:2022**

Information technology. Governance of IT. Assessment of the governance of IT

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IST/60/1

**BS ISO/IEC 30118-1:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. Core specification

supersedes BS ISO/IEC 30118-1:2018

ISBN 978 0 539 16184 7

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ICT/1

**BS ISO/IEC 30118-7:2021**

Information Technology. Open Connectivity Foundation (OCF) Specification. Wi-Fi easy setup specification

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ICT/1

**BS ISO/IEC 30118-8:2021**

Information technology. Open Connectivity Foundation (OCF) Specification. OCF resource to oneM2M resource mapping specification

no current standard is superseded

ISBN 978 0 539 16192 2

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ICT/1

**PUBLISHED DOCUMENTS**

**PD CEN/TS 1555-7:2021**

Plastics piping systems for the supply of gaseous fuels. Polyethylene (PE). Guidance for the assessment of conformity

supersedes PD CEN/TS 1555-7:2013

ISBN 978 0 539 17407 6

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PR1/88

**PD CEN/TS 17660-1:2021**

Air quality. Performance evaluation of air quality sensor systems. Gaseous pollutants in ambient air

no current standard is superseded

ISBN 978 0 539 06647 0

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EH/2/3

**PD CEN ISO/TS 21719-3:2021**

Electronic fee collection. Personalization of on-board equipment (OBE). Using integrated circuit(s) cards

no current standard is superseded

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EPL/278

**PD IEC TR 61850-90-14:2021**

Communication networks and systems for power utility automation. Using IEC 61850 for FACTS (flexible alternate current transmission systems), HVDC (high voltage direct current) transmission and power conversion data modelling

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GEL/82

**PD ISO/TR 7262:2022**

Natural gas. Coalbed methane quality designation and the applicability of ISO/TC 193 current standards

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PTI/15

**PD ISO/TS 21357:2022**

Nanotechnologies. Evaluation of the mean size of nano-objects in liquid dispersions by static multiple light scattering (SMLS)

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NTI/1

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STEP geometry visualization services

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AMT/4

**PD ISO/IEC TR 30174:2021**

Internet of things (IoT). Socialized IoT system resembling human social interaction dynamics

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IOT/1

**PD ISO/IEC TS 38505-3:2021**

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IST/60/1

**PUBLICLY AVAILABLE SPECIFICATIONS**

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

**PAS 8877:2022**

Tobacco-free oral nicotine pouches. Composition, manufacture and testing. Specification

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ZZ/4



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**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 ISO 10993-11:2018**

Biological evaluation of medical devices. Tests for systemic toxicity  
 £127.00 members, £254.00 non-members  
 CH/194  
 Corrigendum, February 2022

**BS EN 14038-1:2016**

Electrochemical realkalization and chloride extraction treatments for reinforced concrete. Realkalization  
 £69.00 members, £138.00 non-members  
 GEL/603  
 Corrigendum, February 2022

**BS EN ISO 15883-5:2021**

Washer-disinfectors. Performance requirements and test method criteria for demonstrating cleaning efficacy

£127.00 members, £254.00 non-members  
 CH/198  
 Corrigendum, February 2022

**BS EN ISO 16217:2021**

Cosmetics. Sun protection test methods. Water immersion procedure for determining water resistance

£69.00 members, £138.00 non-members  
 CW/217  
 Corrigendum, February 2022

**BS EN ISO 16266-2:2021**

Water quality. Detection and enumeration of *Pseudomonas aeruginosa*. Most probable number method

£173.00 members, £346.00 non-members  
 EH/3/4  
 Corrigendum, February 2022

**BS EN ISO 18363-1:2021**

Animal and vegetable fats and oils. Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS. Method using fast alkaline transesterification and measurement for 3-MCPD and differential measurement for glycidol

£69.00 members, £138.00 non-members  
 AW/307  
 Corrigendum, February 2022

**BS EN ISO 18363-3:2021**

Animal and vegetable fats and oils. Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS. Method using acid transesterification and measurement for 2-MCPD, 3-MCPD and glycidol

£96.00 members, £192.00 non-members  
 AW/307  
 Corrigendum, February 2022

**BS EN ISO 20714:2021**

E-liquid. Determination of nicotine, propylene glycol and glycerol in liquids used in electronic nicotine delivery devices. Gas chromatographic method

£58.00 members, £116.00 non-members  
 CH/437  
 Corrigendum, February 2022

**BS IEC 61097-2:2021**

Global maritime distress and safety system (GMDSS). Cospas-Sarsat EPIRB. Emergency position indicating radio beacon operating on 406 MHz. Operational and performance requirements, methods of testing and required test results

£144.50 members, £289.00 non-members  
 EPL/80  
 Corrigendum, February 2022

**BS ISO 7289:2018**

Gas welding equipment. Quick-action couplings with shut-off valves for welding, cutting and allied processes

£69.00 members, £138.00 non-members  
 WEE/18  
 Corrigendum, February 2022

**PD CEN ISO/TS 23973:2021**

Liquid chromatography at critical conditions (LCCC). Chemical heterogeneity of polyethylene oxides

£134.00 members, £268.00 non-members  
 STI/10  
 Corrigendum, February 2022

**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.**

**PAS 2035/2030:2019+A1:2022**

Retrofitting dwellings for improved energy efficiency. Specification and guidance

£190.00 members, £190.00 non-members  
 ZZ/1  
 Amendment, January 2022

**BS EN 926-2:2013+A1:2021**

Paragliding equipment. Paragliders. Requirements and test methods for classifying flight safety characteristics

£134.00 members, £268.00 non-members  
 SW/136/I/6  
 Amendment, February 2022

**BS EN IEC 63013:2019+A1:2021**

LED packages. Long-term luminous and radiant flux maintenance projection

£69.00 members, £138.00 non-members  
 CPL/34/1  
 Amendment, February 2022

**BS EN ISO 10993-7:2008+A1:2022**

Biological evaluation of medical devices. Ethylene oxide sterilization residuals

£144.50 members, £289.00 non-members  
 CH/194  
 Amendment, January 2022; Corrigendum, July 2010

**BS EN ISO 11439:2013+A1:2021**

Gas cylinders. High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles

£144.50 members, £289.00 non-members  
 PVE/3/3  
 Amendment, January 2022

**BS EN 12491:2015+A1:2021**

Paragliding equipment. Emergency parachutes. Safety requirements and test methods

£69.00 members, £138.00 non-members  
 SW/136/I/6  
 Amendment, February 2022



**BS EN 13089:2011+A2:2021**

Mountaineering equipment. Ice-tools. Safety requirements and test methods

£69.00 members, £138.00 non-members

SW/136/5

Amendment, February 2022; Amendment, May 2015

**BS EN ISO 15384:2020+A1:2021**

Protective clothing for firefighters. Laboratory test methods and performance requirements for wildland firefighting clothing

£96.00 members, £192.00 non-members

PH/14

Amendment, January 2022

**BS EN 15734-1:2010+A1:2021**

Railway applications. Braking systems of high speed trains. Requirements and definitions

£134.00 members, £268.00 non-members

RAE/4/-1

Amendment, January 2022; Corrigendum, April 2013

**BS EN ISO 15875-3:2003+A2:2021**

Plastics piping systems for hot and cold water installations. Crosslinked polyethylene (PE-X). Fittings

£96.00 members, £192.00 non-members

PR/88/2

Amendment, February 2022; Corrigendum, March 2021

**BS EN 16228-4:2014+A1:2021**

Drilling and foundation equipment. Safety. Foundation equipment

£69.00 members, £138.00 non-members

B/513/-110

Amendment, January 2022

**BS EN 16228-7:2014+A1:2021**

Drilling and foundation equipment. Safety. Interchangeable auxiliary equipment

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B/513/-110

Amendment, January 2022

**BS EN 17037:2018+A1:2021**

Daylight in buildings

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EL/1

Amendment, January 2022; Corrigendum, November 2021

**BS EN 62922:2017+A1:2021**

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

£112.50 members, £225.00 non-members

CPL/34/1

Amendment, February 2022

**BS ISO 965-1:2013+A1:2021**

ISO general purpose metric screw threads. Tolerances. Principles and basic data

£96.00 members, £192.00 non-members

FME/9

Amendment, January 2022; Corrigendum, October 2020

**PD 6694-1:2011+A1:2020**

Recommendations for the design of structures subject to traffic loading to BS EN 1997-1:2004+A1:2013

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B/526

Corrigendum, January 2022; Amendment, May 2020

## 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 682:2002**

Elastomeric seals. Materials requirements for seals used in pipes and fittings carrying gas and hydrocarbon fluids

PR/170

**BS EN 872:2005**

(BS 6068-2.54:2005)

Water quality. Determination of suspended solids. Method by filtration through glass fibre filters

EH/3/2

**BS EN 1484:1997**

Water analysis. Guidelines for the determination of total organic carbon (TOC) and dissolved organic carbon (DOC)

EH/3/2

**BS EN ISO 8230-1:2008**

Safety requirements for dry-cleaning machines. Common safety requirements

TCI/33

**BS EN ISO 8230-2:2008**

Safety requirements for dry-cleaning machines. Machines using perchloroethylene

TCI/33

**BS EN ISO 8230-3:2008**

Safety requirements for dry-cleaning machines. Machines using combustible solvents

TCI/33

**BS EN ISO 10414-2:2011**

Petroleum and natural gas industries. Field testing of drilling fluids. Oil-based fluids

PSE/17/-3

**BS EN ISO 10472-5:2008**

Safety requirements for industrial laundry machinery. Flatwork ironers, feeders and folders

TCI/33

**BS EN ISO 10472-6:2008**

Safety requirements for industrial laundry machinery. Ironing and fusing presses

TCI/33

**BS EN ISO 11702:2016**

Animal and vegetable fats and oils. Enzymatic determination of total sterols content

AW/307

**BS EN 12241:2000**

Touch and close fasteners. Method for closure prior to washing and drying or dry cleaning

TCI/66

**BS EN 12274-7:2005**

Slurry surfacing. Test methods. Shaking abrasion test

B/510/2

**BS EN 12562:1999**

Textiles. Para-aramid multifilament yarns. Test methods

TCI/24

**BS EN 12590:2000**

Textiles. Industrial sewing threads made wholly or partly from synthetic fibres

TCI/24

**BS EN 12760:2016**

Industrial valves. Socket welding ends for steel valves

PSE/18/1

**BS EN 12918:1999**

(BS 6068-2.67:1999)

Water quality. Determination of parathion, parathion-methyl and some other organophosphorus compounds in water by dichloromethane extraction and gas chromatographic analysis

EH/3/2

**BS EN ISO 12966-4:2015**

Animal and vegetable fats and oils. Gas chromatography of fatty acid methyl esters. Determination by capillary gas chromatography

AW/307

**BS EN 13286-44:2003**

Unbound and hydraulically bound mixtures. Test method for the determination of the alpha coefficient of vitrified blast furnace slag

B/510/4

**BS EN 13286-45:2003**

Unbound and hydraulically bound mixtures. Test method for the determination of the workability period of hydraulically bound mixtures

B/510/4

**BS EN 13286-48:2005**

Unbound and hydraulically bound mixtures. Test method for the determination of degree of pulverisation

B/510/4

**BS EN 13286-52:2004**

Unbound and hydraulically bound mixtures. Method for the manufacture of test specimens of hydraulically bound mixtures using vibrocompression

B/510/4

**BS EN 13286-53:2004**

Unbound and hydraulically bound mixtures. Methods for the manufacture of test specimens of hydraulically bound mixtures using axial compression

B/510/4

**BS EN ISO 13503-4:2006**

Petroleum and natural gas industries. Completion fluids and materials. Procedure for measuring stimulation and gravel-pack fluid leakoff under static conditions

PSE/17/-/3

**BS EN ISO 13503-5:2006**

Petroleum and natural gas industries. Completion fluids and materials. Procedures for measuring the long term conductivity of proppants

PSE/17/-/3

**BS EN 13719:2016**

Geosynthetics. Determination of the long term protection efficiency of geosynthetics in contact with geosynthetic barriers

B/553

**BS EN 13773:2003**

Textiles and textile products. Burning behaviour. Curtains and drapes. Classification scheme

TCI/66/-/8

**BS EN 13877-3:2004**

Concrete pavements. Specifications for dowels to be used in concrete pavements

B/510/3

**BS EN 13880-9:2003**

Hot applied joint sealants. Test method for the determination of compatibility with asphalt pavements

B/510/3

**BS EN 14019:2016**

Curtain Walling. Impact resistance. Performance requirements

B/538/6

**BS EN 14184:2014**

Water quality. Guidance for the surveying of aquatic macrophytes in running waters

EH/3/5

**BS EN 14188-1:2004**

Joint fillers and sealants. Specifications for hot applied sealants

B/510/3

**BS EN 14188-2:2004**

Joint fillers and sealants. Specifications for cold applied sealants

B/510/3

**BS EN 14188-3:2006**

Joint fillers and sealants. Specification for preformed joint seals

B/510/3

**BS EN 14188-4:2009**

Joint fillers and sealants. Specifications for primers to be used with joint sealants

B/510/3

**BS EN 14196:2016**

Geosynthetics. Test methods for measuring mass per unit area of clay geosynthetic barriers

B/553

**BS EN 14207:2003**

(BS 6068-2.81:2002) Water quality. Determination of epichlorohydrin

EH/3/2

**BS EN 14227-1:2013**

Hydraulically bound mixtures. Specifications. Cement bound granular mixtures

B/510/4

**BS EN 14227-2:2013**

Hydraulically bound mixtures. Specifications. Slag bound granular mixtures

B/510/4

**BS EN 14227-3:2013**

Hydraulically bound mixtures. Specifications. Fly ash bound granular mixtures

B/510/4

**BS EN 14227-4:2013**

Hydraulically bound mixtures. Specifications. Fly ash for hydraulically bound mixtures

B/510/4

**BS EN 14227-5:2013**

Hydraulically bound mixtures. Specifications. Hydraulic road binder bound granular mixtures

B/510/4

**BS EN 14227-15:2015**

Hydraulically bound mixtures. Specifications. Hydraulically stabilized soils

B/510/4

**BS EN 14407:2014**

Water quality. Guidance for the identification and enumeration of benthic diatom samples from rivers and lakes

EH/3/5

**BS EN 14414:2004**

Geosynthetics. Screening test method for determining chemical resistance for landfill applications

B/553

**BS EN 14415:2004**

Geosynthetic barriers. Test method for determining the resistance to leaching

B/553

**BS EN 14486:2005**

(BS 6068-4.20:2005) Water quality. Detection of human enteroviruses by monolayer plaque assay

EH/3/4

**BS EN 14575:2005**

Geosynthetic barriers. Screening test method for determining the resistance to oxidation

B/553

**BS EN 14757:2015**

Water quality. Sampling of fish with multi-mesh gillnets

EH/3/5

**BS EN 14840:2005**

Joint fillers and sealants. Test methods for preformed joint seals

B/510/3

**BS EN 14011:2003**

(BS 6068-5.32:2003) Water quality. Sampling of fish with electricity

EH/3/5

**BS EN 15460:2007**

Water quality. Guidance standard for the surveying of macrophytes in lakes

EH/3/5

**BS EN 15466-1:2009**

Primers for cold and hot applied joint sealants. Determination of homogeneity

B/510/3

**BS EN 15598:2008**

Textiles. Terry fabrics. Test method for the determination of the resistance to pile loop extraction

TCI/66

**BS EN 15708:2009**

Water quality. Guidance standard for the surveying, sampling and laboratory analysis of phytobenthos in shallow running water

EH/3/5

**BS EN 15930:2010**

Fibres. Elasticity of fibres. Test methods

TCI/24

**BS EN 16101:2012**

Water quality. Guidance standard on interlaboratory comparison studies for ecological assessment

EH/3/5

**BS EN 16150:2012**

Water quality. Guidance on pro-rata Multi-Habitat sampling of benthic macro-invertebrates from wadeable rivers

EH/3/5

**BS EN 16161:2012**

Water quality. Guidance on the use of in vivo absorption techniques for the estimation of chlorophyll-a concentration in marine and fresh water samples

EH/3/5



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**BS EN 16164:2013**

Water quality. Guidance standard for designing and selecting taxonomic keys

EH/3/5

**BS EN 16260:2012**

Water quality. Visual seabed surveys using remotely operated and/or towed observation gear for collection of environmental data

EH/3/5

**BS EN 16691:2015**

Water quality. Determination of selected polycyclic aromatic hydrocarbons (PAH) in whole water samples. Method using solid phase extraction (SPE) with SPE-disks combined with gas chromatography mass spectrometry (GC-MS)

EH/3/2

**BS EN 16693:2015**

Water quality. Determination of organochlorine pesticides (OCP) in whole water samples. Method using solid phase extraction (SPE) with SPE-disks combined with gas chromatography mass spectrometry (GC-MS)

EH/3/2

**BS EN 16694:2015**

Water quality. Determination of selected polybrominated diphenyl ether (PBDE) in whole water samples. Method using solid phase extraction (SPE) with SPE-disks combined with gas chromatography-mass spectrometry (GC-MS)

EH/3/2

**BS EN 16695:2015**

Water quality. Guidance on the estimation of phytoplankton biovolume

EH/3/5

**BS EN 16698:2015**

Water quality. Guidance on quantitative and qualitative sampling of phytoplankton from inland waters

EH/3/5

**BS EN 16701:2014**

Energetic materials for defence. Safety, vulnerability. Friability

DEF/1

**BS EN 16772:2016**

Water quality. Guidance on methods for sampling invertebrates in the hyporheic zone of rivers

EH/3/5

**BS EN 16776:2016**

Resilient floor coverings. Heterogeneous polyurethane floor coverings. Specification

PRI/60

**BS EN 16812:2016**

Textiles and textile products. Electrically conductive textiles. Determination of the linear electrical resistance of conductive tracks

TCI/100

**BS EN 50344-1:2002**

Routine tests for controls within the scope of the EN 60730 series. General requirements

CPL/72

**BS EN 50106:2008**

Safety of household and similar electrical appliances. Particular rules for routine tests referring to appliances under the scope of EN 60335-1

CPL/61

**BS ISO 5429:2012**

Coated abrasives. Flap wheels with incorporated flanges or separate flanges

MTE/13

**BS ISO 7745:2010**

Hydraulic fluid power. Fire-resistant (FR) fluids. Requirements and guidelines for use

MCE/18/-/16

**BS ISO 9398-2:2003**

Specifications for industrial laundry machines. Definitions and testing of capacity and consumption characteristics. Batch drying tumblers

TCI/33

**BS ISO 13738:2011**

Lubricants, industrial oils and related products (class L). Family E (Internal combustion engine oils). Specifications for two-stroke-cycle gasoline engine oils (categories EGB, EGC and EGD)

PTI/7

**BS ISO 15635:2001**

Coated abrasives. Flap discs

MTE/13

**BS ISO 15686-3:2002**

Buildings and constructed assets. Service life planning. Performance audits and reviews

CB/101

**BS ISO 16057:2002**

Coated abrasives. Vulcanized fibre discs

MTE/13

**BS ISO 16532-2:2007**

Paper and board. Determination of grease resistance. Surface repellency test

PAI/11

**BS ISO 17240:2004**

Fruit and vegetable products. Determination of tin content. Method using flame atomic absorption spectrometry

W/-

**BS ISO 17679:2016**

Tourism and related services. Wellness spa. Service requirements

SVS/18

**BS ISO/IEC 18041-4:2016**

Information technology. Computer graphics, image processing and environmental data representation. Environmental Data Coding Specification (EDCS) language bindings. C

IST/31

**BS ISO/IEC 19510:2013**

Information technology. Object Management Group Business Process Model and Notation

ICT/1

**BS ISO 21948:2001**

Coated abrasives. Plain sheets

MTE/13

**BS ISO 21950:2001**

Coated abrasives. Plain discs

MTE/13

**BS ISO 22917:2016**

Precision super abrasives. Limit deviations and run-out tolerances for grinding wheels with diamond or cubic boron nitride

MTE/13

**BS ISO 24610-1:2006**

Language resource management. Feature structures. Feature structure representation

TS/1

**PD CEN/TS 15968:2010**

Determination of extractable perfluorooctanesulphonate (PFOS) in coated and impregnated solid articles, liquids and fire fighting foams. Method for sampling, extraction and analysis by LCqMS or LC-tandem/MS

TCI/100

**PD CEN/TS 16822:2015**

Textiles and textile products. Self-declared environmental claims. Use of the terms

TCI/66

**PD ISO/TR 16732-2:2012**

Fire Safety Engineering. Fire risk assessment. Example of an office building

FSH/24

**PD ISO/TR 16732-3:2013**

Fire safety engineering. Fire risk assessment. Example of an industrial property

FSH/24

**PD ISO/TR 24679-3:2015**

Fire safety engineering. Performance of structure in fire. Example of an open car park

FSH/24

**ISO 683-4:2016**

Heat-treatable steels, alloy steels and free-cutting steels. Free-cutting steels

ISE/105

**ISO 11702:2016**

Animal and vegetable fats and oils. Enzymatic determination of total sterols content

AW/307

**ISO 12966-4:2015**

Animal and vegetable fats and oils. Gas chromatography of fatty acid methyl esters. Determination by capillary gas chromatography

AW/307

**ISO 17679:2016**

Tourism and related services. Wellness spa. Service requirements

SVS/18



**ISO/IEC 18041-4:2016**

Information technology. Computer graphics, image processing and environmental data representation. Environmental Data Coding Specification (EDCS) language bindings. C  
IST/31

**ISO 22917:2016**

Precision super abrasives. Limit deviations and run-out tolerances for grinding wheels with diamond or cubic boron nitride  
MTE/13

**ISO/TR 24679-3:2015**

Fire safety engineering. Performance of structure in fire. Example of an open car park  
FSH/24

**ISO/IEC TR 29156:2015**

Information technology. Guidance for specifying performance requirements to meet security and usability needs in applications using biometrics  
IST/44

**ISO/IEC TR 29189:2015**

Information technology. Biometrics. Evaluation of examiner assisted biometric applications  
IST/44

**ISO/IEC TR 30110:2015**

Information technology. Cross jurisdictional and societal aspects of implementation of biometric technologies. Biometrics and children  
IST/44

**ISO/IEC TR 30125:2016**

Information technology. Biometrics used with mobile devices  
IST/44

**BRITISH STANDARDS WITHDRAWN**

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

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

Electrical equipment for measurement, control and laboratory use. EMC requirements. Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety). Industrial applications with specified electromagnetic environment  
GEL/65/1  
*Superseded by BS EN IEC 61326-3-2:2018*

**BS EN 30-1-1:2008+A3:2013**

Domestic cooking appliances burning gas. Safety. General  
GSE/35  
*Superseded by BS EN 30-1-1:2021*

**BS EN 203-1:2014**

Gas heated catering equipment. General safety rules  
GSE/19  
*Superseded by BS EN 203-1:2021*

**BS EN ISO 527-4:1997**

(BS 2782-3:Method 326F:1997)  
Plastics. Determination of tensile properties. Test conditions for isotropic and orthotropic fibre-reinforced plastic composites  
PRI/42  
*Also numbered BS 2782-3:Method 326F:1997.  
Superseded by BS EN ISO 527-4:2021*

**BS EN IEC 60809:2015+A3:2019**

Lamps for road vehicles. Dimensional, electrical and luminous requirements  
CPL/34/1  
*Superseded by BS EN IEC 60809:2021*

**BS EN ISO 1302:2002**

Geometrical product specifications (GPS). Indication of surface texture in technical product documentation  
TPR/1  
*Superseded by BS EN ISO 21920-1:2022*

**BS EN 1463-1:2009**

Road marking materials. Retroreflecting road studs. Initial performance requirements  
B/509/2  
*Superseded by BS EN 1463-1:2021*

**BS EN 1744-4:2005**

Tests for chemical properties of aggregates. Determination of water susceptibility of fillers for bituminous mixtures  
B/502/6  
*Superseded by BS EN 1744-4:2021*

**BS EN 1004:2004**

Mobile access and working towers made of prefabricated elements. Materials, dimensions, design loads, safety and performance requirements  
B/514/24  
*Superseded by BS EN 1004-1:2020*

**BS EN ISO 2566-1:1999**

Steel. Conversion of elongation values. Carbon and low alloy steels  
ISE/101  
*Superseded by BS EN ISO 2566-1:2021*

**BS EN ISO 2566-2:2001**

Steel. Conversion of elongation values. Austenitic steels  
ISE/101  
*Superseded by BS EN ISO 2566-2:2021*

**BS EN 2854-002:2009**

Aerospace series. Cables, electrical for general purpose. Cross sections equal to and greater than 9 mm<sup>2</sup>. Operating temperatures between -55°C and 260°C. General  
ACE/6  
*Superseded by BS EN 2854-002:2021*

**BS EN ISO 3382-3:2012**

Acoustics. Measurement of room acoustic parameters. Open plan offices  
EH/1/6  
*Superseded by BS EN ISO 3382-3:2022*

**BS EN ISO 3501:2015**

Plastics piping systems. Mechanical joints between fittings and pressure pipes. Test method for resistance to pull-out under constant longitudinal force  
PRI/88/4  
*Superseded by BS EN ISO 3501:2022*

**BS EN ISO 4287:1998+A1:2009**

Geometrical product specification (GPS). Surface texture: Profile method. Terms, definitions and surface texture parameters  
TPR/1  
*Formerly BS EN ISO 4287:2000.. Superseded by BS EN ISO 21920-2:2022*

**BS EN ISO 4288:1998**

Geometric product specification (GPS). Surface texture. Profile method: Rules and procedures for the assessment of surface texture  
TPR/1  
*Formerly BS ISO 4288:1996.. Superseded by BS EN ISO 21920-3:2022*

**BS EN ISO 8611-2:2012+A1:2016**

Pallets for materials handling. Flat pallets. Performance requirements and selection of tests  
PKW/0/-/3  
*Formerly BS ISO 8611-2:2011. Superseded by BS EN ISO 8611-2:2022*

**BS EN ISO 9713:2009**

Neurosurgical implants. Self-closing intracranial aneurysm clips  
CH/150/2  
*Superseded by BS EN ISO 9713:2022*

**BS EN ISO 12085:1997**

Geometrical product specification (GPS). Surface texture. Profile method. Motif parameters  
TPR/1  
*Formerly BS ISO 12085:1996. Formerly BS EN ISO 12085:1998.. Superseded by BS EN ISO 21920-2:2022*

**BS EN 12873-2:2005**

Influence of materials on water intended for human consumption. Influence due to migration. Test method for non-metallic and non-cementitious site-applied materials  
EH/6  
*Superseded by BS EN 12873-2:2021*

**BS EN 12952-2:2011**

Water-tube boilers and auxiliary installations. Materials for pressure parts of boilers and accessories  
PVE/2  
*Superseded by BS EN 12952-2:2021*

**BS EN 12952-5:2011**

Water-tube boilers and auxiliary installations. Workmanship and construction of pressure parts of the boiler  
PVE/2  
*Superseded by BS EN 12952-5:2021*

**BS EN 12952-6:2011**

Water-tube boilers and auxiliary installations. Inspection during construction; documentation and marking of pressure parts of the boiler  
PVE/2  
*Superseded by BS EN 12952-6:2021*

**BS EN 12952-10:2002**

Water-tube boilers and auxiliary installations. Requirements for safeguards against excessive pressure

PVE/2

Superseded by BS EN 12952-10:2021

**BS EN 13126-14:2012**

Building hardware. Hardware for windows and balcony doors. Requirements and test methods. Sash fasteners

B/538/4

Superseded by BS EN 13126-14:2022

**BS EN 13137:2001**

Characterisation of waste. Determination of total organic carbon (TOC) in waste, sludges and sediments

EH/4

Withdrawn as EN 13137:2001 was withdrawn in CEN, it was superseded by BS EN 15936:2012

**BS EN ISO 13565-1:1998**

Geometric product specifications (GPS). Surface texture: Profile method. Surfaces having stratified functional properties. Filtering and general measurement conditions

TPR/1

Formerly BS ISO 13565-1:1996.. Superseded by BS EN ISO 21920-2:2022

**BS EN ISO 13565-2:1998**

Geometric product specifications (GPS). Surface texture: Profile method. Surfaces having stratified functional properties. Height characterization using the linear material ration curve

TPR/1

Formerly BS ISO 13565-2:1996.. Superseded by BS EN ISO 21920-2:2022

**BS EN ISO 13565-3:2000**

Geometric product specifications (GPS). Surface texture: Profile method. Surfaces having stratified functional properties. Height characterization using the material probability curve

TPR/1

Superseded by BS EN ISO 21920-2:2022

**BS EN 13848-3:2009**

Railway applications. Track. Track geometry quality. Measuring systems. Track construction and maintenance machines

RAE/2

Superseded by BS EN 13848-3:2021

**BS EN 14894:2013**

LPG equipment and accessories. Cylinder and drum marking

PVE/19

Superseded by BS EN 14894:2021

**BS EN 15502-1:2012+A1:2015**

Gas-fired heating boilers. General requirements and tests

GSE/29

Superseded by BS EN 15502-1:2021

**BS EN 16119:2013**

LPG equipment and accessories. Sealing caps and plugs for LPG cylinder and pressure vessel valves. Specification and testing

PVE/19

Superseded by BS EN 16119:2021

**BS EN 16166:2012**

Sludge, treated biowaste and soil. Determination of adsorbable organically bound halogens (AOX)

EH/4

Superseded by BS EN 16166:2021

**BS EN ISO 19085-3:2017**

Woodworking machines. Safety requirements. Numerically controlled (NC) boring and routing machines

MTE/23

Superseded by BS EN ISO 19085-3:2021

**BS EN ISO 20776-2:2007**

Clinical laboratory testing and in vitro diagnostic test systems. Susceptibility testing of infectious agents and evaluation of performance of antimicrobial susceptibility test devices. Evaluation of performance of antimicrobial susceptibility test device

CH/212

Superseded by BS EN ISO 20776-2:2021

**BS EN ISO 22867:2011**

Forestry and gardening machinery. Vibration test code for portable hand-held machines with internal combustion engine. Vibration at the handles

AGE/29

Superseded by BS EN ISO 22867:2021

**BS EN ISO 25178-2:2012**

Geometrical product specifications (GPS). Surface texture. Areal. Terms, definitions and surface texture parameters

TPR/1

Superseded by BS EN ISO 16610-85:2013; and BS EN ISO 25178-2:2022

**BS EN 50504:2008**

Validation of arc welding equipment

WEE/6

Superseded by BS EN IEC 60974-14:2018

**BS EN 50604-1:2016**

Secondary lithium batteries for light EV (electric vehicle) applications. General safety requirements and test methods

PEL/21

Superseded by BS EN 50604-1:2016+A1:2021

**BS EN 50632-1:2015**

Electric motor-operated tools. Dust measurement procedure. General requirements

CPL/116

Superseded by BS EN 50632-1:2015+A1:2019

**BS EN 55016-1-4:2010+A2:2017**

Specification for radio disturbance and immunity measuring apparatus and methods. Radio disturbance and immunity measuring apparatus. Antennas and test sites for radiated disturbance measurements

GEL/210

Superseded by BS EN IEC 55016-1-4:2019

**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

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

**BS EN 50134-5:2004**

Alarm systems. Social alarm systems. Interconnections and communications

GW/1

Superseded by BS EN 50134-5:2021

**BS EN 50098-1:1999**

Customer premises cabling for information technology. ISDN basic access

TCT/7

Withdrawn as basic rate and primary rate ISDN are no longer in use

**BS EN 50098-2:1996**

Customer premises cabling for information technology. 2048 kbit/s ISDN primary access and leased line network interface

TCT/7

Withdrawn as basic rate and primary rate ISDN are no longer in use

**BS EN 60268-4:2014**

Sound system equipment. Microphones

EPL/100

Superseded by BS EN IEC 60268-4:2018

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

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

GEL/20/18

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

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

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

GEL/20/18

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

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

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

GEL/20/18

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

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

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

GEL/20/18

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

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

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

GEL/20/18

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

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

Household and similar electrical appliances. Safety. General requirements

CPL/61

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

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

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

CPL/61

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

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

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

CPL/61/7

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

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

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

CPL/61/1

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

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

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

CPL/61/1

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

**BS EN 60335-2-54:2008+A1:2015**

Household and similar electrical appliances. Safety. Particular requirements for surface-cleaning appliances for household use employing liquids or steam

CPL/61/1

*Superseded by BS EN 60335-2-54:2008+A12:2021 but remains current until 1 December 2024*

**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 60350-1:2016**

Household electric cooking appliances. Ranges, ovens, steam ovens and grills. Methods for measuring performance

CPL/59

*Superseded by BS EN 60350-1:2016+A1:2021*

**BS EN 60350-2:2018**

Household electric cooking appliances. Hobs. Methods for measuring performance

CPL/59

*Superseded by BS EN 60350-2:2018+A1:2021*

**BS EN 60601-2-40:1998**

(BS 5724-2.40:1998 IEC 60601-2-)

Medical electrical equipment. Particular requirements for safety. Specification for electromyographs and evoked response equipment

CH/62/4

*Also numbered BS 5724-2.40:1998.. Superseded by BS EN 60601-2-40:2019*

**BS EN 60691:2016**

Thermal-links. Requirements and application guide

PEL/32

*Superseded by BS EN 60691:2016+A1:2019*

**BS EN 60695-7-2:2011**

Fire hazard testing. Toxicity of fire effluent. Summary and relevance of test methods

GEL/89

*Superseded by BS EN IEC 60695-7-2:2021*

**BS EN 60730-2-14:1997+A2:2008**

Automatic electrical controls for household and similar use. Particular requirements for electric actuators

CPL/72

*Formerly BS EN 60730-2-14:1998.. Superseded by BS EN IEC 60730-2-14:2019*

**BS EN 60745-2-1:2010**

Hand-held motor-operated electric tools. Safety. Particular requirements for drills and impact drills

CPL/116

*Superseded by BS EN 62841-2-1:2018;, BS EN 62841-2-2:2014;, BS EN 62841-2-4:2014; and BS EN 62841-2-9:2015;*

**BS EN 60891:2010**

Photovoltaic devices. Procedures for temperature and irradiance corrections to measured I-V characteristics

GEL/82

*Superseded by BS EN IEC 60891:2021*

**BS EN 60974-8:2009**

Arc welding equipment. Gas consoles for welding and plasma cutting systems

WEE/6

*Superseded by BS EN IEC 60974-8:2021*

**BS EN 60974-11:2010**

Arc welding equipment. Electrode holders

WEE/6

*Superseded by BS EN IEC 60974-11:2021*

**BS EN 60974-13:2011**

Arc welding equipment. Welding clamp

WEE/6

*Superseded by BS EN IEC 60974-13:2021*

**BS EN 61000-3-2:2014**

Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current = 16 A per phase)

GEL/210

*Superseded by BS EN IEC 61000-3-2:2019*

**BS EN 61058-2-6:2016**

Switches for appliances. Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery

PEL/23

*Superseded by BS EN IEC 61058-2-6:2019*

**BS EN 61753-111-8:2010**

Fibre optic interconnecting devices and passive components performance standard. Sealed closures for category G. Ground

GEL/86/2

*Superseded by BS EN IEC 61753-111-08:2021*

**BS EN 61784-3-18:2011+A1:2017**

Industrial communication networks. Profiles. Functional safety fieldbuses. Additional specifications for CPF 18

GEL/65/3

*Superseded by BS EN 61784-3-18:2011+A2:2021*

**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*

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**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 61788-17:2013**

Superconductivity. Electronic characteristic measurements. Local critical current density and its distribution in large-area superconducting films

U/90

Superseded by BS EN IEC 61788-17:2021

**BS EN 61914:2016**

Cable cleats for electrical installations

PEL/213

Superseded by BS EN IEC 61914:2021

**BS EN 61918:2013**

Industrial communication networks. Installation of communication networks in industrial premises

GEL/65/3

Superseded by BS EN IEC 61918:2018

**BS EN 61993-2:2013**

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

EPL/80

Superseded by BS EN IEC 61993-2:2018

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

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

GEL/82

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

**BS 669-1:1989**

Flexible hoses, end fittings and sockets for gas burning appliances. Specification for strip-wound metallic flexible hoses, covers, end fittings and sockets for domestic appliances burning 1st and 2nd family gases

GSE/42

Superseded by BS 669-1:2022

**BS ISO 1888:1996**

Textile glass. Staple fibres or filaments. Determination of average diameter

PRI/42

Superseded by BS ISO 1888:2022

**BS ISO 9343:2004**

Pliers and nippers. Slip joint pliers. Dimensions and test values

MTE/15

Superseded by BS ISO 9343:2021

**BS ISO/IEC 14763-3:2014+A1:2018**

Information technology. Implementation and operation of customer premises cabling. Testing of optical fibre cabling

TCT/7/1

Withdrawn as it is in conflict with BS EN 61280-4-1 and BS EN 61280-4-2

**BS ISO 18115-2:2013**

Surface chemical analysis. Vocabulary. Terms used in scanning-probe microscopy

CII/60

Superseded by BS ISO 18115-2:2021

**BS ISO 27126:2014**

Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals. Specification

PRI/66

Superseded by BS ISO 27126:2021

**BS ISO/IEC 30118-1:2018**

Information technology. Open Connectivity Foundation (OCF) Specification. Core specification

ICT/1

Superseded by BS ISO/IEC 30118-1:2021

**BS 1139-6:2014**

Metal scaffolding. Prefabricated tower scaffolds outside the scope of BS EN 1004, but utilizing components from such systems. Specification

B/514/24

Superseded by BS 1139-6:2022

**BS 5273:1975**

Specification. Dense tar surfacing for roads and other paved areas

B/510

Withdrawn as the standard is redundant since tar is no longer made

**BS 6783-13:1992**

(ISO 11400:1992)

Sampling and analysis of nickel, ferronickel and nickel alloys. Method for the determination of phosphorus in nickel, ferronickel and nickel alloys by phosphovanadomolybdate molecular absorption spectrometry

U-

Superseded by BS ISO 11400:2021

**BS 7390:1990**

(ISO 6079:1990)

Specification for instant tea

AW/8

Superseded by BS ISO 6079:2021

**BS 8546:2016**

Travel adaptors compatible with UK plug and socket system. Specification

PEL/23

Superseded by BS 8546:2016+A1:2018

**PD CEN/TS 1555-7:2013**

Plastics piping systems for the supply of gaseous fuels. Polyethylene (PE). Guidance for the assessment of conformity

PRI/88/2

Superseded by PD CEN/TS 1555-7:2021

**PD IEC/TS 62282-7-2:2014**

Fuel cell technologies. Test methods. Single cell and stack performance tests for solid oxide fuel cells (SOFC)

GEL/105

Superseded by BS EN IEC 62282-7-2:2021

**NEW WORK STARTED**

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

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

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

**P 24**

Enhanced security performance requirements for doorsets and windows in the UK. Doorsets and windows intended to offer a level of security suitable for dwellings and other buildings exposed to comparable risk will supersede None

B/538/1



**P XX**

Material requirements for ancillary components. Specification

will supersede None

ZZ/5

**P XXXX**

Requirements for domestic electricity storage Specification

will supersede None

ZZ/3

**P XXXX-1**

Functional and test requirements for hydrogen gas metering. Specification

will supersede None

ZZ/5

**P 13956**

CBD Vape Products. Product safety, quality, and performance. Specification

will supersede None

ZZ/4

**EN WI 00295044**

Residential solid fuel burning appliances. Slow heat release appliances

will supersede None

RHE/28

**EN 197-6**

Cement. Cement with recycled building materials

will supersede None

B/516/6

**EN ISO/IEC 7816-3:2006/A1**

Identification cards. Integrated circuit cards. Cards with contacts. Electrical interface and transmission protocols

will supersede BS ISO/IEC 7816-3:2006

IST/17

**EN ISO/IEC 7816-8:2021/A1**

Identification cards. Integrated circuit cards. Commands and mechanisms for security operations

will supersede BS ISO/IEC 7816-8:2021

IST/17

**EN ISO/IEC 15444-2**

Information technology. JPEG 2000 image coding system. Extensions

will supersede None

IST/37

**EN ISO/IEC 21122-1:2019/A1**

Information technology. JPEG XS low-latency lightweight image coding system. Core coding system. Amendment 1. Information technology. JPEG XS low-latency lightweight image coding system. Core coding system

will supersede None

IST/37

**EN ISO/IEC 21794-5**

Information technology. Plenoptic image coding system (JPEG Pleno). Holography

will supersede None

IST/37

**EN ISO/IEC 23090-7/A1**

Information technology. Coded representation of immersive media. Immersive media metadata

will supersede None

IST/37

**EN ISO/IEC 23090-18/A1**

Information technology. Coded representation of immersive media. Carriage of geometry-based point cloud compression data

will supersede None

IST/37

**EN ISO/IEC 23090-28**

Information technology. Coded representation of immersive media. Efficient 3D graphics media representation for render-based systems and applications

will supersede None

IST/37

**EN ISO/IEC 23093-5**

Information technology. Internet of media things. IoMT autonomous collaboration

will supersede None

IST/37

**EN IEC 60325**

Radiation protection instrumentation. Alpha, beta and alpha/beta (beta energy >60 keV) contamination meters and monitors

will supersede BS EN 60325:2004

NCE/2

**EN IEC 60598-1/AA**

Luminaires. General requirements and tests

will supersede None

CPL/34

**EN IEC 60674-3-7**

Plastic films for electrical purposes. Specifications for individual materials. Fluoroethylene-propylene (FEP) films used for electrical insulation

will supersede BS EN 60674-3-7:1998

GEL/15

**EN IEC 60761-2**

Specific requirements for radioactive aerosol monitors including transuranic aerosols

will supersede BS EN 60761-2:2004

GEL/15

**EN XXX**

Equipment for vine cultivation and wine making. Safety. Must and grape harvest pumps

will supersede None

AGE/6

**EN 1405**

Chemicals used for treatment of water intended for human consumption. Sodium alginate

will supersede None

CII/59

**EN 1407**

Chemicals used for treatment of water intended for human consumption. Anionic and non-ionic polyacrylamides

will supersede None

CII/59

**EN 1408**

Chemicals used for treatment of water intended for human consumption. Poly (diallyldimethylammonium chloride)

will supersede None

CII/59

**EN 1409**

Chemicals used for water treatment intended for human consumption. Polyamines

will supersede None

CII/59

**EN 1410**

Chemicals used for treatment of water intended for human consumption. Cationic polyacrylamides

will supersede None

CII/59

**EN 2942**

Aerospace series. Insert, MJ screw thread, helical coil, self-locking tapered insertion drive, in heat resisting nickel base alloy NI-PH2801 (InconelX750), silver plated

will supersede None

ACE/12

**EN ISO 3796**

Ships and marine technology. Clear openings for external single-leaf doors

will supersede None

SME/32

**EN 9104-001**

Aerospace series. Quality Management Systems. Requirements for Certification of Aviation, Space, and Defense

will supersede None

ACE/1

**EN 9300-001**

Aerospace series. Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data. Structure

will supersede None

ACE/1

**EN ISO 9612**

Acoustics. Determination of occupational noise exposure. Engineering method

will supersede None

EH/1

**EN ISO 10545-22**

Ceramic tiles. Determination of resistance to wear with a multi-attribute method

will supersede None

B/539

**EN ISO 10993-1**

Biological evaluation of medical devices. Evaluation and testing within a risk management process

will supersede BS EN ISO 10993-1:2020

CH/194

**EN ISO 11638**

Resilient floor coverings. Heterogeneous poly(vinyl chloride) flooring on foam. Specification

will supersede None  
PRI/60

**EN ISO 11781**

Foodstuffs. General guidelines for single-laboratory validation of qualitative real-time PCR methods

will supersede None  
AW/275

**EN ISO 11812**

Small craft. Watertight or quick-draining recesses and cockpits

will supersede BS EN ISO 11812:2018  
GME/33

**EN 12520**

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

will supersede BS EN 12520:2015  
FW/0/2

**EN 12521**

Furniture. Strength, durability and safety. Requirements for domestic tables

will supersede BS EN 12521:2015  
FW/0/2

**EN 12608-2**

Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors. Classification, requirements and test methods. PVC-U profiles covered with foils bonded with adhesives

will supersede None  
PRI/21

**EN 13116**

Curtain walling. Resistance to wind load. Performance requirements

will supersede None  
B/538/1

**EN 13452-1**

Railway applications. Braking. Mass transit brake systems. Requirements and definitions

will supersede BS EN 13452-1:2003  
RAE/4/-/1

**EN 13452-2**

Railway applications. Braking. Mass transit brake systems. Test methods

will supersede BS EN 13452-2:2003  
RAE/4/-/1

**EN 14211**

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

will supersede None  
EH/2/3

**EN 14212**

Ambient air. Standard method for the measurement of the concentration of sulphur dioxide by ultraviolet fluorescence

will supersede None  
EH/2/3

**EN 14432**

Tanks for the transport of dangerous goods. Tank equipment for the transport of liquid chemicals and liquefied gases. Product discharge and air inlet valves

will supersede None  
AUE/18

**EN 14433**

Tanks for the transport of dangerous goods. Tank equipment for the transport of liquid chemicals and liquefied gases. Foot valves

will supersede None  
AUE/18

**EN 14626**

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

will supersede None  
EH/2/3

**EN 14662-1**

Ambient air. Standard method for the measurement of benzene concentrations. Pumped sampling followed by thermal desorption and gas chromatography

will supersede None  
EH/2/3

**EN ISO 15118-21**

Road vehicles. Vehicle to grid communication interface. Common 2nd generation network layer and application layer requirements conformance test plan

will supersede None  
AUE/16

**EN 15185**

Furniture. Assessment of the surface resistance to abrasion

will supersede BS EN 15185:2011  
FW/0

**EN 15186**

Furniture. Assessment of the surface resistance to scratching

will supersede BS EN 15186:2012  
FW/0

**EN 16235**

Railway application. Testing for the acceptance of running characteristics of railway vehicles. Freight wagons. Conditions for dispensation of freight wagons with defined characteristics from on-track tests according to EN 14363

will supersede BS EN 16235:2013  
RAE/1/-/8

**EN 16510-2-7**

Residential solid fuel burning appliances. Combination appliances fired by wood logs and pellets

will supersede None  
RHE/28

**EN 17678-2**

Installation of post-tensioning kits for prestressing of structures. Assessment of personnel

will supersede None  
B/525/2

**EN 17846**

Chemical disinfectants and antiseptics. Quantitative test method for the evaluation of sporicidal activity against *Clostridioides difficile* on non-porous surfaces with mechanical action employing wipes in the medical area (4- field test). Test meth

will supersede None  
CH/216

**EN 17851**

Analysis of Foodstuffs. Determination of Ag, As, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Se, Tl, U and Zn in foodstuffs by inductively coupled plasma mass spectrometry (ICP-MS) after pressure digestion

will supersede None  
AW/275

**EN 17855**

Foodstuffs. Minimum performance requirements for quantitative measurement of the food allergens milk, egg, peanut, hazelnut, almond, walnut, cashew, pecan nut, brazil nut, pistachio nut, macadamia nut, wheat, lupine, sesame, mustard, soy, celery, fi

will supersede None  
AW/275

**EN ISO 19045-2**

Ophthalmic optics. Contact lens care products and Acanthamoeba trophozoites. Method for evaluation of disinfection efficacy

will supersede None  
CH/172/9

**EN ISO 19152-2**

Geographic information. Land Administration Domain Model (LADM). Land registration

will supersede None  
IST/36

**EN ISO 20200**

Plastics. Determination of the degree of disintegration of plastic materials under simulated composting conditions in a laboratory-scale test

will supersede None  
PRI/89

**EN ISO 20957-2**

Stationary training equipment. Strength training equipment, additional specific safety requirements and test methods

will supersede None  
SW/136

**EN ISO 20957-7**

Stationary training equipment. Rowing equipment, additional specific safety requirements and test methods

will supersede None  
SW/136

**EN ISO 22935-1**

Milk and milk products. Sensory analysis. General guidance for the recruitment, selection, training and monitoring of assessors

will supersede None

AW/5

**EN ISO 22935-2**

Milk and milk products. Sensory analysis. Recommended methods for sensory evaluation

will supersede None

AW/5

**EN ISO 22935-3**

Milk and milk products. Sensory analysis. Guidance on a method for evaluation of compliance with product specifications for sensory properties by scoring

will supersede None

AW/5

**EN ISO 24202**

Petroleum, petrochemical and natural gas industries. Bulk material for offshore projects. Monorail beam and padeye

will supersede None

PSE/17/67

**EN 50436-1**

Alcohol interlocks. Test methods and performance requirements. Instruments for drink-driving-offender programs

will supersede None

AUE/16

**EN 50561-1**

Powerline communication apparatus used in low voltage installations. Radio disturbance characteristics. Limits and methods of measurement. Apparatus for in-home use

will supersede BS EN 50561-1:2013

GEL/210

**EN 50561-3**

Powerline communication apparatus used in low voltage installations. Radio disturbance characteristics. Limits and methods of measurement. Apparatus operating above 30 MHz

will supersede BS EN 50561-3:2016

GEL/210

**EN 50561-4**

Powerline communication apparatus used in low voltage installations. Radio disturbance characteristics. Limits and methods of measurement. Apparatus including MIMO capability

will supersede None

GEL/210

**EN 50561-5**

Radio disturbance characteristics. Limits and methods of measurement. PLC in outdoor Photovoltaic (PV) sites

will supersede None

GEL/210

**EN 50663**

Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz. 300 GHz)

will supersede None

GEL/106

**BS EN 55011:2016+A2:2021**

Industrial, scientific and medical equipment. Radio-frequency disturbance characteristics. limits and methods of measurement

will supersede None

GEL/210

**EN 60364-4-44:2007/A3**

Low-voltage electrical installations. Protection for safety. Protection against voltage disturbances and electromagnetic disturbances. Clause 443

will supersede None

JPEL/64

**EN 60364-5-52:2009/A1**

Low-voltage electrical installations. Selection and erection of electrical equipment. Wiring systems

will supersede None

JPEL/64

**EN 60364-5-53:2019/A2**

Low-voltage electrical installations. Selection and erection of electrical equipment. Devices for protection for safety, isolation, switching, control and monitoring. Clause 534

will supersede None

JPEL/64

**EN 60371-3-7**

Insulating materials based on mica. Specifications for individual materials. Sheet 7. Polyester film mica paper with an epoxy resin binder for single conductor taping

will supersede None

GEL/15

**EN 60456:2016/A1**

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

will supersede BS EN 60456:2016+A11:2020

CPL/59/1

**EN 60674-3-3**

Specification for plastic films for electrical purposes. Specifications for individual materials. Sheet 3. Requirements for polycarbonate (PC) films used for electrical insulation

will supersede None

GEL/15

**EN 60688**

Electrical measuring transducers for converting A.C. and D.C. electrical quantities to analogue or digital signals

will supersede None

PEL/85

**EN 60747-2:2016/A1**

Semiconductor devices. Discrete devices. Rectifier diodes

will supersede None

EPL/47

**EN 60747-6:2016/A1**

Semiconductor devices. Discrete devices. Thyristors

will supersede None

EPL/47

**EN 60747-15**

Semiconductor devices. Discrete devices. Isolated power semiconductor devices

will supersede None

EPL/47

**EN 60947-4-1**

Low-voltage switchgear and controlgear. Contactors and motor-starters. Electromechanical contactors and motor-starters

will supersede BS EN IEC 60947-4-1:2019

PEL/121/1

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

Electromagnetic compatibility (EMC). Limits. Section 3. Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current  $\leq 16$  A

will supersede None

GEL/210

**EN 61169-10**

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

will supersede None

EPL/46

**EN 61340-4-6**

Electrostatics. Standard test methods for specific applications. Wrist straps

will supersede None

GEL/101

**EN 61810-7-6**

All-or-nothing electrical relays Tests and Measurements. Contact-circuit resistance (or voltage drop)

will supersede None

EPL/94

**EN 61847**

Ultrasonics. Surgical systems. Measurement and declaration of the basic output characteristics

will supersede None

EPL/87

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

**EN 61850-7-3:2011/A2**

Communication networks and systems for power utility automation. Basic communication structure. Common data classes

will supersede BS EN 61850-7-3:2011+A1:2020  
PEL/57

**EN 61851-1**

Electric vehicle conductive charging system. General requirements

will supersede BS EN IEC 61851-1:2019  
PEL/69

**EN 61995-1**

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

will supersede BS EN 61995-1:2008+A11:2021  
PEL/23

**EN 61995-2**

Devices for the connection of luminaires for household and similar purposes. Standard sheets for DCL

will supersede BS EN 61995-2:2009+A1:2017  
PEL/23

**EN 62282-3-202**

Fuel cell technologies. Stationary fuel cell power systems. Performance test methods for small fuel cell power systems that can be complemented with a supplementary heat generator for multiple units operation by an energy management system

will supersede None  
GEL/105

**EN 62631-2-3**

Dielectric and resistive properties of solid insulating materials. Determination of relative permittivity and dielectric dissipation factor (AC methods). Contact electrode method for insulating films

will supersede None  
GEL/112

**EN 62852:/A2**

Connectors for DC-application in photovoltaic systems. Safety requirements and tests

will supersede BS EN 62852:2015+A1:2020  
GEL/82

**EN 62862-4-2**

Solar thermal electric plants. Heliostat field control system

will supersede None  
RHE/25

**EN 63150-3**

Semiconductor devices. Measurement and evaluation methods of kinetic energy harvesting devices under practical vibration environment. Human foot impact motion

will supersede None  
EPL/47

**EN 63296-2**

Portable multimedia equipment Determination of battery duration. Headphones and earphones with active noise cancelling functions

will supersede None  
EPL/100

**EN 63430**

Data container format for wearable sensor will supersede None

EPL/100

**EN ISO 80601-2-61**

Medical electrical equipment. Particular requirements for basic safety and essential performance of pulse oximeter equipment

will supersede BS EN ISO 80601-2-61:2019  
CH/121/9

**EN 80005-1:2019/A2**

Utility connections in port. High voltage shore connection (HVSC) systems. General requirements

will supersede None  
JPEL/18

**IEC 62463**

Radiation protection instrumentation. X-ray systems for the security screening of persons

will supersede BS IEC 62463:2010  
NCE/2

**IEC 62709**

Radiation protection instrumentation. Security screening of humans. Measuring the imaging performance of X-ray systems

will supersede BS IEC 62709:2014  
NCE/2

**ISO 161-1:2018/A1**

Thermoplastics pipes for the conveyance of fluids. Nominal outside diameters and nominal pressures. Metric series

will supersede None  
PRI/88

**ISO 834-1**

Fire-resistance tests. Elements of building construction. General requirements

will supersede None  
FSH/22/-11

**ISO 1750**

Pesticides and other agrochemicals. Common names

will supersede None  
AW/81

**ISO 5056-3**

Personal protective equipment for firefighters undertaking specific rescue activities (Surface Water and Unstable Surface rescue). Clothing

will supersede None  
PH/14

**ISO 5354-1**

Molecular biomarkers of agricultural fibers. Extraction of DNA from cotton and cotton-derived textiles

will supersede None  
AW/275

**ISO 6460-3:2007/A2**

Motorcycles. Measurement method for gaseous exhaust emissions and fuel consumption. Fuel consumption measurement at a constant speed

will supersede None  
AUE/14

**ISO 7102**

Infant formula and adult nutritionals. Determination of  $\beta$ -galactooligosaccharides. Ultra high performance liquid chromatography (UHPLC) with fluorescence detection after pre-column derivatization

will supersede None  
AW/5

**ISO 8811**

Earth-moving machinery. Rollers and landfill compactors. Commercial specifications

will supersede BS ISO 8811:2000  
B/513/1

**ISO 10394**

Dentistry. Designation system for supernumerary teeth

will supersede None  
CH/106/5

**ISO 10516**

Railway application. Vehicle reference masses

will supersede None  
RAE/3

**ISO 11367**

Service excellence. Principles and model for public service organizations

will supersede None  
SVS/0

**ISO 11784**

Radio frequency identification of animals. Code structure

will supersede None  
AGE/6/1

**ISO 11798**

Information and documentation. Permanence and durability of writing, printing and copying on paper. Requirements and test methods

will supersede BS ISO 11798:1999  
IDT/2/9

**ISO 11956**

Adventure tourism. Cyclotourism. Requirements and recommendations

will supersede None  
SVS/2/5

**ISO 11982**

Refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels. Liquefied Natural Gas (LNG) as marine fuel. Measurement onboard LNG bunkering ship

will supersede None  
PTI/12

**ISO 12131-2**

Plain bearings. Hydrodynamic plain thrust pad bearings under steady-state conditions. Functions for the calculation of thrust pad bearings

will supersede None  
MCE/12





## BSI Flex 260 v1.0: 2022-01 Built environment – Digital twins overview and principles – Guide

**BSI has produced a first Flex standard providing broad, general and background information for people who create, manage and use digital twins in the built environment.**

It gives guidance on the general principles of a digital twin for the built environment and applies to digital twins across the life cycle or existence and interaction of assets, systems, and process use cases and interfaces.



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**bsi.**

**ISO 12167-1**

Plain bearings. Hydrostatic plain journal bearings with drainage grooves under steady-state conditions. Calculation of oil-lubricated plain journal bearings with drainage grooves

will supersede None

MCE/12

**ISO 12370**

Guidelines for treatment and reuse of fermentation-based pharmaceutical wastewater

will supersede None

B/505/50

**ISO 12380**

Lithium carbonate. determination of insoluble particles in acid

will supersede None

LII/1

**ISO 12386**

Lithium carbonate. Determination of magnetic particles content

will supersede None

LII/1

**ISO 12403**

Lithium carbonate. determination of chloride content by potentiometry

will supersede None

LII/1

**ISO 12467-1**

Methods for chemical analysis of lithium composite oxides. lithium nickel manganese cobalt oxide (NMC)

will supersede None

LII/1

**ISO 13031:2016/A1**

Earth-moving machinery. Quick couplers. Safety

will supersede None

B/513/1

**ISO 13649**

Earth-moving machinery. Fire prevention

will supersede None

B/513/1

**ISO 14577-7**

Metallic materials. Instrumented indentation test for hardness and materials parameters. Instrumented indentation test at elevated temperature

will supersede None

ISE/101/5

**ISO 15513**

Cranes. Competency requirements for crane drivers (operators), slingers, signallers and assessors

will supersede BS ISO 15513:2000

MHE/3/11

**ISO 15592-3**

Fine-cut tobacco and smoking articles made from it. Methods of sampling, conditioning and analysis. Determination of total particulate matter of smoking articles using a routine analytical smoking machine, preparation for the determination of water and nicotine, and calculation of nicotine-free dry particulate matter

will supersede None

AW/40

**ISO 16813**

Building environment design. Indoor environment. General principles

will supersede None

RHE/2

**ISO 16971-1**

Ophthalmic instruments. Optical coherence tomographs. Optical coherence tomographs for the posterior segment of the human eye

will supersede None

CH/172/6

**ISO 18946**

Imaging materials. Reflection colour photographic prints. Method for testing humidity fastness

will supersede BS ISO 18946:2011

CPW/42

**ISO 20670**

Water reuse. Vocabulary

will supersede BS ISO 20670:2018

B/505/50

**ISO/IEC 21122-2:2019/A1**

Information technology. JPEG XS low-latency lightweight image coding system. Profiles and buffer models

will supersede None

IST/37

**ISO 21498-2**

Electrically propelled road vehicles. Electrical specifications and tests for voltage class B systems and components. Electrical tests for components

will supersede BS ISO 21498-2:2021

PEL/69

**ISO 21843**

Determination of the resistance to hydrocarbon pool fires of fire protection materials and systems for pressure vessels

will supersede None

FSH/22/-14

**ISO 22195-3**

Textiles. Determination of index ingredient from coloured textiles. Myrobalan

will supersede None

TCI/100/1

**ISO 22371**

Security and resilience. Urban resilience. Framework, model and guidelines for strategy and implementation

will supersede None

SSM/1

**ISO 22393**

Security and resilience. Community resilience. Guidelines for Planning, Recovery and Renewal

will supersede PD ISO/TS 22393:2021

SSM/1

**ISO 22828**

Large Yachts. Management of health and safety risks associated with the storage, handling, generation and use of isocyanates in the workplace

will supersede None

SME/32

**ISO 22915-16**

Industrial trucks. Verification of stability. Pedestrian-propelled trucks

will supersede BS ISO 22915-16:2014

MHE/7

**ISO 23551-1**

Safety and control devices for gas burners and gas-burning appliances. Particular requirements. Automatic and semi-automatic valves

will supersede None

GSE/22

**ISO 23551-11**

Safety and control devices for gas burners and gas-burning appliances. Particular requirements. Automatic and semi-automatic shut-off valves for operating pressure of above 500 kPa up to and including 6 300 kPa

will supersede None

GSE/22

**ISO 24620-5**

Language resource management. Controlled human communication (CHC). Lexico-morpho-syntactic principles and methodology for personal data recognition and protection in texts (DataPro)

will supersede None

TS/1

**ISO 27996**

Aerospace fluid systems. Elastomer seals. Storage and shelf life

will supersede None

ACE/69

**ISO/IEC 30149**

Internet of Things (IoT). Trustworthiness Principles

will supersede None

IOT/1

**BS 4483**

Steel fabric for the reinforcement of concrete. Specification

will supersede BS 4483:2005

ISE/104

**BS 5609**

Specification for printed pressure-sensitive, adhesive-coated labels for marine use, including requirements for label base material

will supersede BS 5609:1986

PKW/0/4

**BS 7870-1**

LV and MV polymeric insulated cables for use by distribution and generation utilities. General (Implementation of HD 603, 605, 620, 626 and 627)

will supersede BS 7870-1:2011

GEL/20/16

**BS 7870-2**

LV and MV polymeric insulated cables for use by distribution and generation utilities. Methods of test (Implementation of HD 605 S3. 2019)

will supersede BS 7870-2:2011

GEL/20/16

**BS 8611**

Robots and robotic devices. Guide to the ethical design and application of robots and robotic systems

will supersede BS 8611:2016

AMT/10/1

**BS 8622**

Sustainable design and application of robotic systems. Guide

will supersede None

AMT/10

**BS 8646**

Use of crop robots in agriculture and horticulture Code of practice

will supersede None

AGE/6/4

**BS 10754-2**

Information technology. Systems trustworthiness. Implementation, manage and maintain. Specification

will supersede None

ICT/3

**BS 10754-3**

Information technology. Systems trustworthiness. Validation, verification and certification. Specification

will supersede None

ICT/3

**BSI Flex XXX v1.0:2022-05**

Built environment Value-based decision-making. Specification

will supersede None

ZZ/2

**CEN/TR XXX**

Cycles. Electrically power assisted cycles. Anti-tampering measures

will supersede None

GME/25

**CEN/TR 17559**

Algae and algae products. Food and feed applications. General overview of limits, procedures and analytical methods

will supersede PD CEN/TR 17559:2021

EH/3-/5

**CEN/TR 17849**

Resilient, textile, laminate and modular mechanical locked floor coverings. Guidance on how to implement EN 14041. 2004/AC. 2006 under the Construction Products Regulation EU 305/2011 (CPR)

will supersede None

PR/3

**CEN/TS 17847**

Characterization of waste. Determination of selected low boiling point alcohols using gas chromatography with flame ionization detection after static head-space extraction (HS-GC-FID)

will supersede None

EH/4

**CEN/TS 23625**

Small craft. Lithium-ion batteries

will supersede None

GME/33

**CEN/TS 23818-2**

Assessment of conformity of plastics piping systems for the rehabilitation of existing pipelines. Resin-fibre composite (RFC) material

will supersede None

PR/88/3

**CEN/TS 23818-3**

Assessment of conformity of plastics piping systems for the rehabilitation of existing pipelines. Unplasticized poly(vinyl chloride)(PVC-U) material

will supersede None

PR/88/3

**IEC/TR 4976**

Railway applications. Scope, users and lists of rolling stock relevant operation and maintenance documentation

will supersede None

RAE/11-/16

**IEC/TR 61094-10**

Measurement microphones. Absolute pressure calibration of microphones at low frequencies using calculable piston phones

will supersede None

EPL/29

**IEC/TS 61400-4-1**

Wind energy generation systems. Reliability assessment of drivetrain components in wind turbines

will supersede None

PEL/88

**IEC/TR 61400-4-2**

Wind energy generation systems. Lubrication of drivetrain components in wind turbines

will supersede None

PEL/88

**IEC/TR 61400-4-3**

Wind energy generation systems. Explanatory notes on IEC 61400-4. Supportive information for wind turbine gearbox design

will supersede None

PEL/88

**IEC/TR 62453-43**

Field Device Tool (FDT) Interface Specification. Object model integration profile CLI and HTML

will supersede None

GEL/65/5

**IEC/TR 62453-53-31**

Field Device Tool (FDT) Interface Specification. Communication implementation for CLI and HTML IEC 61784 CP3/1 and CP3/2

will supersede None

GEL/65/5

**IEC/TR 62453-53-90**

Field Device Tool (FDT) Interface Specification. Communication implementation for CLI and HTML IEC 61784 CPF 9

will supersede None

GEL/65/5

**IEC/TS 62607-6-17**

Nanomanufacturing. Key control characteristics. Graphene-based materials. Order parameter. XRD and TE

will supersede None

NT/1

**IEC/TS 63222-4**

Power quality management. Harmonic analysis over public supply network

will supersede None

GEL/8

**ISO/TS 5354-2**

Molecular biomarkers of agricultural fibers. Overview of target sequences for use in PCR-based detection methods for cotton Gmevents

will supersede None

AW/275

**ISO/TR 16214**

Geospatial and BIM review of vocabularies

will supersede None

B/555

**ISO/IEC/TR 19566-9**

Information technology. JPEG Systems. JPEG extensions mechanisms to facilitate forwards and backwards compatibility

will supersede None

IST/37

**ISO/TS 22943**

Information and documentation. Principles of identification

will supersede None

IDT/2/18

**ISO/IEC/TR 23090-27**

Information technology. Coded representation of immersive media. Media, renderers, and game engines for render-based systems and applications

will supersede None

IST/37

### 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.

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#### 22/30410783 DC

BS 5422 Methods for specifying thermal insulating materials for pipes, tanks, vessels, ductwork and equipment operating within the temperature range -40°C to +700°C

B/540/7

Comments for the above document are required by 1 April, 2022

#### 22/30427555 DC

BS 10121-1 Asset marking products. Vehicles and associated equipment. Specification

GW/2

Comments for the above document are required by 31 March, 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.

#### 22/30377777 DC

BS ISO 22067-1 Graphic Technology. Requirements for communication of environmental aspects of printed products. General printing

PAI/43

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

#### 22/30380352 DC

BS ISO 17889-2 Ceramic tiling systems. Sustainability for ceramic tiles and installation materials. Specification for tile installation materials

B/539

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

#### 22/30382808 DC

BS ISO 21734-1 Intelligent Transport Systems. Public transport. Performance testing for connectivity and safety functions of automated driving bus. General framework

EPL/278

Comments for the above document are required by 29 March, 2022

#### 22/30383623 DC

BS EN 61987-32 Industrial-process measurement and control. Data structures and elements in process equipment catalogues. Lists of properties (LOP) for I/O modules for electronic data exchange

GEL/65/3

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

#### 22/30385410 DC

BS ISO/IEC 1989 Information technology. Programming languages, their environments and system software interfaces. Programming language COBOL

£47.00 members, £94.00 non-members

IST/5

Comments for the above document are required by 28 March, 2022

#### 22/30385436 DC

BS ISO 16000-41 Indoor air. Assessment and classification

EH/2/5

Comments for the above document are required by 29 March, 2022

#### 22/30386818 DC

BS ISO 23256 Water quality. Detection of selected congeners of polychlorinated dibenzo-p-dioxins and polychlorinated biphenyls. Method using a flow immunosensor technique

EH/3/2

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

#### 22/30393069 DC

BS EN ISO 18246 Electrically propelled mopeds and motorcycles. Safety requirements for conductive connection to an external electric power supply

AUE/14

Comments for the above document are required by 4 April, 2022

#### 22/30394082 DC

BS ISO 24089 Road vehicles. Software update engineering

AUE/32

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

#### 22/30396059 DC

BS ISO/IEC 21558-3 Telecommunications and information exchange between systems. Future network architecture. Proxy model based quality of service

IST/6

Comments for the above document are required by 21 March, 2022

#### 22/30396080 DC

BS ISO/IEC 21559-2 Telecommunications and information exchange between systems. Future network protocols and mechanisms. Proxy model based quality of service

IST/6

Comments for the above document are required by 21 March, 2022

#### 22/30396245 DC

BS EN 60270 High-voltage test techniques. Charge-based partial discharge measurements

PEL/42

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

#### 22/30396253 DC

BS EN 60060-2 High-voltage test techniques. Measuring systems

PEL/42

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

#### 22/30396487 DC

BS ISO 24048 Plastics. Determination of bound acrylonitrile content in the continuous phase of acrylonitrile-butadiene-styrene (ABS) by Dumas combustion method

PRI/82

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

#### 22/30396811 DC

BS ISO 29002 Industrial automation systems and integration. Exchange of characteristic data

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AMT/4

Comments for the above document are required by 30 March, 2022





## Standards ensuring the long-term quality of copper plumbing fittings

**BS EN 1254-1:2021 Copper and copper alloys - Plumbing fittings - Part 1: Capillary fittings for soldering or brazing to copper tubes, and BS EN 1254-2:2021 Copper and copper alloys. Plumbing fittings. Compression fittings for use with copper tubes** are the first two in a nine-standard series that deals with plumbing fittings made from copper and copper alloys. The standards are intended to ensure that fittings have a longevity of up to 50 years and have the capacity to protect consumers and assure all concerned that fittings are of high quality. This in turn creates marketplace confidence, reduces trade barriers, manages risk more effectively, and increases the marketability of fittings that adhere to these specifications.



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**22/30397402 DC**

BS ISO/IEC 23894 Information technology. Artificial intelligence. Risk management

ART/1

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

**22/30397807 DC**

BS ISO 24144 Thermal insulation. Test method for Specific heat capacity of thermal insulation for buildings in the high temperature range. DSC method

B/540/8

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

**22/30397835 DC**

BS ISO/IEC 30105-4 Information technology. IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes. Terms and concepts

IST/60/3

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

**22/30398254 DC**

BS ISO 24229 Information and documentation. Codes for written language conversion systems

IDT/2

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

**22/30399982 DC**

BS ISO 11783-7 Tractors and machinery for agriculture and forestry. Serial control and communications data network. Implement messages application layer

AGE/6

Comments for the above document are required by 29 March, 2022

**22/30403027 DC**

BS ISO 24411 Space systems. Micro-vibration testing

ACE/68

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

**22/30404379 DC**

BS EN ISO 24466 Dentistry. Designations for the parts and dimensions of an implant body or a monopart implant

CH/106/8

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

**22/30405315 DC**

BS EN 63270 Industrial automation equipment and systems. Predictive maintenance

GEL/65/3

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

**22/30406567 DC**

BS ISO/IEC 15444-17 Information technology. JPEG 2000 image coding system. Extensions for coding of discontinuous media

IST/37

Comments for the above document are required by 13 March, 2022

**22/30406847 DC**

BS ISO 6980-2 Nuclear energy. Reference beta-particle radiation. Calibration fundamentals related to basic quantities characterizing the radiation field

NCE/2

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

**22/30406850 DC**

BS ISO 6980-3 Nuclear energy. Reference beta-particle radiation. Calibration of area and personal dosimeters and the determination of their response as a function of beta radiation energy and angle of incidence

NCE/2

Comments for the above document are required by 28 March, 2022

**22/30408112 DC**

BS ISO 37170 Smart community infrastructures. Data framework for infrastructure governance based on digital technology in smart cities

SDS/2

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

**22/30408898 DC**

BS EN ISO 187 Paper, board and pulps. Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples

PAI/11

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

**22/30410876 DC**

BS ISO 12493 Rubber, vulcanized or thermoplastic. Determination of stress in tension under non-isothermal conditions

PR1/22

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

**22/30412638 DC**

BS EN ISO 19905-1 Petroleum and natural gas industries. Site-specific assessment of mobile offshore units. Jack-ups

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B/525/12

Comments for the above document are required by 6 April, 2022

**22/30412887 DC**

BS ISO 4358 Test methods for civil multi-copter unmanned aircraft system

ACE/20

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

**22/30412907 DC**

BS ISO/IEC 18181-3 Information technology. JPEG XL Image Coding System. Conformance testing

IST/37

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

**22/30413922 DC**

BS ISO/IEC 4005-1 Telecommunications and information exchange between systems. Low altitude drone area network (LADAN). Communication model and requirements

IST/6

Comments for the above document are required by 3 April, 2022

**22/30413925 DC**

BS ISO/IEC 4005-2 Telecommunications and information exchange between systems. Low altitude drone area network (LADAN). Physical and data link protocols for shared communication

IST/6

Comments for the above document are required by 3 April, 2022

**22/30413928 DC**

BS ISO/IEC 4005-3 Telecommunications and information exchange between systems. Low altitude drone area network (LADAN). Physical and data link protocols for control communication

IST/6

Comments for the above document are required by 3 April, 2022

**22/30414247 DC**

BS ISO/IEC 15775 Information technology. Office equipment. Method of specifying image reproduction of colour copying machines and multifunction devices with copying modes by printed test charts

IST/3

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

**22/30416121 DC**

BS EN ISO 2702 Fasteners. Heat-treated tapping screws. Mechanical and physical properties

FME/9

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

**22/30419522 DC**

BS ISO 4827 Ships and marine technology. Escorting and pull-back system for tankers

SME/32

Comments for the above document are required by 3 April, 2022

**22/30419525 DC**

BS ISO 4845 Ships and marine technology. Combined rigging for deep-sea mooring

SME/32

Comments for the above document are required by 2 April, 2022

**22/30421974 DC**

BS EN ISO 14083 Greenhouse gases. Quantification and reporting of greenhouse gas emissions arising from transport chain operations

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SES/17

Comments for the above document are required by 29 March, 2022

**22/30422212 DC**

BS EN 50617-1 Railway applications. Technical parameters of train detection systems for the interoperability of the trans-European railway system. Track circuits

GEL/9/1

*Comments for the above document are required by 30 March, 2022*

**22/30424826 DC**

BS ISO 20730-2 Road vehicles. Vehicle interface for electronic Periodic Technical Inspection (ePTI). Application and communication requirements conformance test plan

AUE/16

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

**22/30425634 DC**

BS ISO/IEC 23090-6 AMD1 Information technology. Coded representation of immersive media. Immersive media metrics

IST/37

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

**22/30425832 DC**

BS EN IEC 61850-7-410 Communication networks and systems for power utility automation. Basic communication structure. Hydroelectric power plants. Communication for monitoring and control

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PEL/57

*Comments for the above document are required by 30 March, 2022*

**22/30426331 DC**

BS ISO 14619 Space systems. Space experiments. General requirements

ACE/68

*Comments for the above document are required by 7 March, 2022*

**22/30426846 DC**

BS ISO 22009 Space environment (natural and artificial). Model of the Earth's magnetospheric magnetic field

ACE/68

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

**22/30427138 DC**

BS EN 17820 Conservation of Cultural Heritage. Specifications for the management of moveable cultural heritage collections

B/560/2

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

**22/30427231 DC**

BS EN ISO 12870 Ophthalmic optics. Spectacle frames. Requirements and test methods

CH/172

*Comments for the above document are required by 28 March, 2022*

**22/30427608 DC**

BS EN ISO 5370 Solid biofuels. Determination of fines content in pellets

PTI/17

*Comments for the above document are required by 27 March, 2022*

**22/30427921 DC**

BS ISO 16030 Pneumatic fluid power. Connections. Ports and stud ends

MCE/18/-/4

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

**22/30429368 DC**

BS EN 13877-1 Concrete pavements. Materials

B/510/3

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

**22/30429371 DC**

BS EN 13863-6 Concrete pavements. Test method for the determination of the splitting tensile strength of concrete on cylindrical discs

B/510/3

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

**22/30429374 DC**

BS EN 13877-2 Concrete pavements. Functional requirements for concrete pavements

B/510/3

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

**22/30429377 DC**

BS EN 13863-5 Concrete pavements. Determination of the bond stress of dowels to be used in concrete pavements

B/510/3

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

**22/30429455 DC**

BS ISO 8583 Financial transaction card originated messages. Interchange message specifications

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IST/12

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

**22/30430369 DC**

BS ISO/IEC 23090-19 Information technology. Coded representation of immersive media. Reference Software for V-PCC

IST/37

*Comments for the above document are required by 28 March, 2022*

**22/30430480 DC**

BS EN ISO 3785 Metallic materials. Designation of test specimen axes in relation to product texture

ISE/101/4

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

**22/30430484 DC**

BS ISO 13315-1 Environmental management for concrete and concrete structures. General principles

B/517/8

*Comments for the above document are required by 30 March, 2022*

**22/30430514 DC**

BS ISO 27145-6 Road vehicles. Implementation of World-Wide Harmonized On-Board Diagnostics (VWH-OBDD) communication requirements. External test equipment

AUE/16

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

**22/30431057 DC**

BS ISO/IEC 21838-3 Information technology. Top-level ontologies (TLO). Descriptive ontology for linguistic and cognitive engineering (DOLCE)

IST/40

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

**22/30431060 DC**

BS ISO/IEC 21838-4 Information technology. Top-level ontologies (TLO). TUpper

IST/40

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

**22/30431264 DC**

BS EN 50136-2 Alarm systems. Alarm transmission systems and equipment. Requirements for Supervised Premises Transceiver (SPT)

GW/1

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

**22/30431534 DC**

BS EN 10249-1 Cold formed steel sheet piles. Technical delivery conditions

ISE/103

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

**22/30431583 DC**

BS ISO 23629-5 Unmanned aircraft systems. UAS traffic management (UTM). UTM functional structure

ACE/20/4

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

**22/30431838 DC**

BS ISO 18418-2 Gasoline engines. Medium pressure liquid fuel supply connections. Pipe assemblies

MCE/22

*Comments for the above document are required by 21 March, 2022*

**22/30431900 DC**

BS ISO 19438 Diesel fuel and petrol filters for internal combustion engines. Filtration efficiency using particle counting and contaminant retention capacity

MCE/22

*Comments for the above document are required by 9 April, 2022*

**22/30432560 DC**

BS EN 62271-211 High-voltage switchgear and controlgear. Direct connection between power transformers and gas-insulated metal-enclosed switchgear for rated voltages above 52 kV

PEL/17

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

**22/30432700 DC**

BS EN 50600-4-8 Information technology. Data centre facilities and infrastructures. Carbon usage effectiveness

TCT/7

Comments for the above document are required by 30 March, 2022

**22/30432703 DC**

BS EN 50600-4-9 Information technology. Data centre facilities and infrastructures. Water Usage Effectiveness

TCT/7

Comments for the above document are required by 30 March, 2022

**22/30432834 DC**

BS ISO 15865 Space systems. Qualification assessment

ACE/68

Comments for the above document are required by 6 April, 2022

**22/30432847 DC**

BS EN 17237 Thermal insulation products for buildings. External thermal insulation composite kits with a rendering system (ETIC kits). Characteristics

£18.00 members, £36.00 non-members

B/540

Comments for the above document are required by 14 April, 2022

**22/30433247 DC**

BS ISO 5120 Soil quality. Determination of perchlorate in soil using liquid chromatography-tandem mass spectrometry (LCMS/MS)

EH/4

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

**22/30433853 DC**

BS EN ISO 19156 Geographic information. Observations, measurements and samples

£18.00 members, £36.00 non-members

IST/36

Comments for the above document are required by 21 March, 2022

**22/30433875 DC**

BS ISO/IEC 14496-22 AMD2 Information technology. Coding of audio-visual objects. Open Font Format

IST/37

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

**22/30434486 DC**

BS EN ISO 6076 Adhesives. Installation of floor coverings, wood flooring, levelling compounds and tiles. Specification of trowel notch sizes

PRI/52

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

**22/30434512 DC**

BS ISO 9271 Decontamination of radioactively contaminated surfaces. Testing of decontamination agents for textiles

NCE/2

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

**22/30434540 DC**

BS ISO/IEC 15444-8 Information technology. JPEG 2000 image coding system. Secure JPEG 2000

£18.00 members, £36.00 non-members

IST/37

Comments for the above document are required by 19 March, 2022

**22/30434543 DC**

BS ISO/IEC 15444-9 Information technology. JPEG 2000 image coding system. Interactivity tools, APIs and protocols

£18.00 members, £36.00 non-members

IST/37

Comments for the above document are required by 8 March, 2022

**22/30434546 DC**

BS ISO/IEC 21122-4 Information technology. JPEG XS low-latency lightweight image coding system. Conformance testing

IST/37

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

**22/30434549 DC**

BS ISO/IEC 21122-5 Information technology. JPEG XS low-latency lightweight image coding system. Reference software

IST/37

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

**22/30434587 DC**

BS EN ISO 27971 Cereals and cereal products. Common wheat (*Triticum aestivum* L.). Determination of alveograph properties of dough at constant hydration from commercial or test flours and test milling methodology

AW/4

Comments for the above document are required by 4 April, 2022

**22/30434794 DC**

BS EN 16931-1 AMD2 Electronic invoicing. Semantic data model of the core elements of an electronic invoice

IST/471-12

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

**22/30434939 DC**

BS EN ISO 17715 Flour from wheat (*Triticum aestivum* L.). Amperometric method for starch damage measurement

AW/4

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

**22/30435028 DC**

BS EN 12255-5 Wastewater treatment plants. Lagooning processes

B/505/40

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

**22/30435771 DC**

BS ISO/IEC 23009-8 AMD1 Information technology. Dynamic adaptive streaming over HTTP (DASH). Session-based DASH operations

IST/37

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

**22/30435958 DC**

BS EN 17075 AMD1 Water quality. General requirements and performance test procedures for water monitoring equipment. Continuous measuring devices

EH/3

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

**22/30436148 DC**

BS ISO 4974 Soil quality. Guidance on soil temperature measurement

EH/4

Comments for the above document are required by 6 April, 2022

**22/30436380 DC**

BS EN ISO 18497-1 Agricultural machinery and tractors. Safety of partially automated, semi-autonomous and autonomous machinery. Machine design principles and vocabulary

AGE/6

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

**22/30436573 DC**

BS EN 12255-8 Wastewater treatment plants. Sludge treatment and storage

B/505/40

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

**22/30436576 DC**

BS EN 12255-12 Wastewater treatment plants. Control and automation

B/505/40

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

**22/30436598 DC**

BS EN 16931-8 Electronic invoicing. Semantic data model of the elements of an e-receipt or a simplified electronic invoice

IST/471-12

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

**22/30436630 DC**

BS ISO 8887-2 Technical product documentation. Design for manufacturing, assembling, disassembling and end-of-life processing. Vocabulary

TPR/1

Comments for the above document are required by 3 April, 2022

**22/30436770 DC**

BS ISO 6769 Vitreous and porcelain enamels. Determination of surface scratch hardness according to the Mohs scale

STI/36

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

**22/30436778 DC**

BS ISO 18264 Textile slings. Lifting slings for general purpose lifting operations made from fibre ropes. High modulus polyethylene (HMPE)

TCT/77

Comments for the above document are required by 28 March, 2022



**22/30436784 DC**

BS ISO 21014 AMD1 Cryogenic vessels. Cryogenic insulation performance

PVE/18

*Comments for the above document are required by 3 April, 2022*

**22/30437356 DC**

BS EN ISO 7963 Non-destructive testing. Ultrasonic testing. Specification for calibration block No. 2

WEE/46/3

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

**22/30437730 DC**

BS EN 10248-1 Hot-rolled steel sheet piles. Technical delivery conditions

ISE/103

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

**22/30438366 DC**

BS EN 61280-1-4 Fibre optic communication subsystem test procedures. General communication subsystems. Light source encircled flux measurement method

GEL/86/3

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

**22/30438650 DC**

BS EN ISO 13164-4 Water quality. Radon-222. Test method using two-phase liquid scintillation counting

EH/3/8

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

**22/30438672 DC**

BS ISO 5684 Adhesives. Floor covering adhesives and products for flooring installation. Assessment and classification of low VOC products

PRI/52

*Comments for the above document are required by 30 March, 2022*

**22/30439000 DC**

BS EN 17816 Liming materials. Determination of physical and chemical properties and specific contaminants

CI/37

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

**22/30439186 DC**

BS EN 469 AMD1 Protective clothing for firefighters. Performance requirements for protective clothing for firefighting activities

PH/3/2

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

**22/30439221 DC**

BS EN ISO 12153 Welding consumables. Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of nickel and nickel alloys. Classification

WEE/39

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

**22/30439287 DC**

BS ISO 6834 Plain bearings. Thermo-hydrodynamic lubrication design charts for circular cylindrical bearings under steady-state conditions

MCE/12

*Comments for the above document are required by 4 April, 2022*

**22/30440232 DC**

BS EN 12177 Liquid petroleum products. Unleaded petrol. Determination of benzene content by gas chromatography

PTI/13

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

**22/30440255 DC**

BS EN 407 Protective gloves and other hand protective equipments against thermal risks (heat and/or fire)

PH/3/8

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

**22/30440324 DC**

BS 7909 Temporary electrical systems for entertainment and related purposes. Code of practice

£18.00 members, £36.00 non-members

CPW/4/-/2

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

**22/30440600 DC**

BS EN 50194-1 Electrical apparatus for the detection of flammable gases in household and non-industrial premises. Test methods and performance requirements

EXL/31/1

*Comments for the above document are required by 9 March, 2022*

**22/30440782 DC**

BS EN 15016-4 Railway applications. Technical documents. Data exchange

RAE/1

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

**22/30440785 DC**

BS EN 17817 Fertilizing products. Determination of the quantity (indicated by mass or volume)

CI/37

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

**22/30441049 DC**

BS EN 1384 Helmets for equestrian activities

PH/6/5

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

**22/30441335 DC**

BS EN 61547 AMD1 Equipment for general lighting purposes. EMC immunity requirements

CPL/34

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

**22/30441351 DC**

BS ISO 4723 Water quality. Actinium-227. Test method using alpha-spectrometry

EH/3/8

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

**22/30441528 DC**

BS EN 12153 Curtain walling. Air permeability. Test method

B/538/1

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

**22/30441974 DC**

BS EN ISO 16387 Soil quality. Effects of contaminants on *Enchytraeidae* (*Enchytraeus* sp.). Determination of effects on reproduction

EH/4

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

**22/30441993 DC**

BS EN ISO 21649 Needle-free injection systems for medical use. Requirements and test methods

CH/84

*Comments for the above document are required by 9 April, 2022*

**22/30442111 DC**

BS EN 60335-2-3 Household and similar electrical appliances. Safety. Particular requirements for electric irons

CPL/61/7

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

**22/30442115 DC**

BS EN 60335-2-17 Household and similar electrical appliances. Particular requirements for blankets, pads, clothing and similar flexible heating appliances

CPL/61/7

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

**22/30442119 DC**

BS EN 60335-2-16 Household and similar electrical appliances. Safety. Particular requirements for food waste disposers

CPL/61/1

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

**22/30442131 DC**

BS EN 60335-2-8 Household and similar electrical appliances. Safety. Particular requirements for shavers, hair clippers and similar appliances

CPL/61/1

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

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**22/30442135 DC**

BS EN 60335-2-85 Household and similar electrical appliances. Safety. Particular requirements for fabric steamers

CPL/61/7

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

**22/30442171 DC**

BS EN 60335-2-54 Household and similar electrical appliances. Safety. Particular requirements for surface cleaning appliances for household use employing liquids or steam

CPL/61/1

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

**22/30442179 DC**

BS EN 60335-2-21 Household and similar electrical appliances. Safety. Particular requirements for storage water heaters

CPL/61/7

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

**22/30442183 DC**

BS EN 60335-2-27 Household and similar electrical appliances. Safety. Particular requirements for appliances for skin exposure to optical radiation

CPL/61/1

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

**22/30442367 DC**

BS EN 16668 Industrial valves. Requirements and testing for metallic valves as pressure accessories

PSE/18/1

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

**22/30442432 DC**

BS EN 10278 Dimensions and tolerances of bright stainless and other cold drawn steel products

ISE/105

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

**22/30443184 DC**

BS EN 15218 Air conditioners and liquid chilling packages with evaporatively cooled condenser and with electrically driven compressors for space cooling. Terms, definitions, test conditions, test methods and requirements

RHE/17

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

**22/30443234 DC**

BS EN 63378-3 Thermal standardization on semiconductor packages. Thermal circuit simulation models of semiconductor packages for transient analysis

EPL/47

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

**22/30443258 DC**

BS EN 61558-2-20 Safety of transformers, reactors, power supply units and combinations thereof. Particular requirements and tests for small reactors

PEL/96

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

**22/30443554 DC**

BS EN 12354-5 Building acoustics. Estimation of acoustic performance of building from the performance of elements. Sounds levels due to the service equipment

EH/1/6

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

**22/30444234 DC**

BS EN 60335-2-42 AMD12 Household and similar electrical appliances. Safety. Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens

CPL/61

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

**22/30444237 DC**

BS EN 60335-2-47 AMD12 Household and similar electrical appliances. Safety. Particular requirements for commercial electric boiling pans

CPL/61

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

**22/30444246 DC**

BS EN 60335-2-49 AMD12 Household and similar electrical appliances. Safety. Particular requirements for commercial electric appliances for keeping food and crockery warm

CPL/61

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

**22/30444267 DC**

BS EN IEC 60335-2-119 AMD Household and similar electrical appliances. Safety. Particular requirements for commercial vacuum packaging appliances

CPL/61/1

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

**22/30444347 DC**

BS EN 1177 AMD1 Impact attenuating playground surfacing. Methods of test for determination of impact attenuation

SW/65

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

**22/30444369 DC**

BS EN ISO 7906 Leather. Tests for colour fastness. General principles of testing

TCI/69

Comments for the above document are required by 20 March, 2022

**22/30444828 DC**

BS EN 14242 Aluminium and aluminium alloys. Chemical analysis. Inductively coupled plasma optical emission spectral analysis

NFE/35

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

**22/30444831 DC**

BS EN 564 Mountaineering equipment. Accessory cords. Safety requirements and test methods

SW/136/5

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

**22/30444873 DC**

BS EN 13991 Derivatives from coal pyrolysis. Coal tar based oils. creosotes. Specifications and test methods

CB/-

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

**22/30444882 DC**

BS EN 17813 Environmental matrices. Halogens and sulfur by oxidative pyrohydrolytic combustion followed by ion chromatography detection and complementary determination methods

EH/4

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

**22/30445293 DC**

BS EN 14366-1 Laboratory measurement of airborne and structure-borne sound from service equipment. Application rules for waste water installations

EH/1/6

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

**22/30445296 DC**

BS EN 12758 AMD1 Glass in building. Glazing and airborne sound insulation. Product descriptions, determination of properties and extension rules

B/520

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

**22/30445553 DC**

BS EN 14499 Textile floor coverings. Classification of carpet underlays

PR/3

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

**22/30446085 DC**

BS EN ISO 18314-3 Analytical colorimetry. Special indices

STI/1

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

**22/30446089 DC**

BS EN ISO 3262-6 Extenders. Specifications and methods of test. Precipitated calcium carbonate

STI/1

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

**22/30446328 DC**

BS EN 17306 Liquid petroleum products. Determination of distillation characteristics at atmospheric pressure. Micro-distillation

PTI/13

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

**22/30446331 DC**

BS 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

PTI/2

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

**22/30446370 DC**

BS ISO 1138 Rubber compounding ingredients. Carbon black. Determination of sulfur content

PRI/50

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

**22/30446784 DC**

BS EN 17822 Forestry machinery. Requirements for sling gear and deflection pulleys for forestal hauling operations

AGE/6

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

**22/30446894 DC**

BS EN 62281 AMD2 Safety of primary and secondary lithium cells and batteries during transport

CPL/35

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

**22/30446926 DC**

BS ISO 9462 Alpine ski-bindings. Requirements and test methods

SW/136

*Comments for the above document are required by 30 March, 2022*

**22/30447419 DC**

BS EN 12046-2 Operating forces. Test method. Doors

B/538/1

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

**22/30447625 DC**

BS EN 63115-1 AMD1 Secondary cells and batteries containing alkaline or other non-acid electrolytes. Sealed nickel-metal hydride cells and batteries for use in industrial applications. Performance

PEL/21

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

**22/30448090 DC**

BS EN IEC 61810-7-20 All-or-nothing electrical relays. Tests and Measurements. Mechanical endurance

EPL/94

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

**22/30448158 DC**

BS EN 60601-2-45 AMD2 Medical electrical equipment. Particular requirements for the basic safety and essential performance of mammographic X-ray equipment and mammographic stereotactic devices

CH/62/2

*Comments for the above document are required by 9 March, 2022*

**22/30448198 DC**

BS EN 62680-1-3 Universal serial bus interfaces for data and power. Common components. USB Type-C® Cable and Connector Specification £33.00 members, £66.00 non-members

EPL/100

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

**22/30448202 DC**

BS EN 62680-1-2 Universal serial bus interfaces for data and power. Common components. USB Power Delivery specification

£40.00 members, £80.00 non-members

EPL/100

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

**22/30448531 DC**

BS EN 62841-2-22 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held cut-off machines

CPL/116

*Comments for the above document are required by 30 March, 2022*

**22/30448535 DC**

BS EN IEC 62841-2-20 Electric motor-operated hand-held tools transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held band saws

CPL/116

*Comments for the above document are required by 30 March, 2022*

**22/30448539 DC**

BS EN 62841-2-16 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held fastener driving tools

CPL/116

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

**22/30448543 DC**

BS EN 62841-2-7 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held spray guns

CPL/116

*Comments for the above document are required by 30 March, 2022*

**22/30448555 DC**

BS EN 62841-2-23 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held die grinders and small rotary tools

CPL/116

*Comments for the above document are required by 30 March, 2022*

**22/30448559 DC**

BS EN 62841-2-12 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held concrete vibrators

CPL/116

*Comments for the above document are required by 30 March, 2022*

**22/30448563 DC**

BS EN IEC 62841-3-3 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for transportable planers and thicknessers

CPL/116

*Comments for the above document are required by 30 March, 2022*

**22/30448567 DC**

BS EN 62841-3-8 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for transportable single spindle vertical moulders

CPL/116

*Comments for the above document are required by 30 March, 2022*

**22/30448571 DC**

BS EN 62841-3-11 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for transportable combined mitre and bench saws

CPL/116

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

**22/30448619 DC**

BS IEC 60335-2-114 Household and similar electrical appliances. Safety. Particular requirements for self-balancing personal transport devices for use with batteries containing alkaline or other non-acid electrolytes

CPL/61/1

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

**22/30448688 DC**

BS EN ISO 4529 Industrial furnaces and associated processing equipment. Secondary steelmaking. Machinery and equipment for treatment of liquid steel

RHE/13

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

**22/30449510 DC**

BS EN 50104 AMD1 Electrical equipment for the detection and measurement of oxygen. Performance requirements and test methods

EXL/31

*Comments for the above document are required by 6 April, 2022*

**22/30449535 DC**

BS EN 63086-1 AMD1 Household and similar electrical air cleaning appliances. Methods for measuring the performance. General requirements

CPL/59

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

**22/30449557 DC**

BS EN 62841-2-6 AMD1 Electric motor-operated hand-held tools. transportable tools and lawn and garden machinery. Safety. Particular requirements for hand-held hammers

CPL/116

Comments for the above document are required by 30 March, 2022

**22/30449666 DC**

BS EN ISO 4214 Milk and milk products. Determination of amino acids in infant formula and other dairy products

AW/5

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

**22/30449982 DC**

BS EN 60947-7-1 Low-voltage switchgear and controlgear. Ancillary equipment. Terminal blocks for copper conductors

PEL/121/1

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

**22/30450760 DC**

BS EN IEC 61643-01 Low-voltage surge protective devices. General Requirements and test methods

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PEL/37/1

Comments for the above document are required by 30 March, 2022

**22/30450761 DC**

BS EN IEC 61643-11 Low-voltage surge protective devices. Surge protective devices connected to AC low-voltage power systems. Requirements and test methods

PEL/37/1

Comments for the above document are required by 30 March, 2022

**22/30451234 DC**

BS EN 60335-2-25 FRAG1 Household and similar electrical appliances. Safety. Particular requirements for microwave ovens, including combination microwave ovens

CPL/61/7

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

**22/30451238 DC**

BS EN 60335-2-90 FRAG1 Household and similar electrical appliances. Safety. Particular requirements for commercial microwave ovens

CPL/61/7

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

**22/30451242 DC**

BS EN 60335-2-110 Household and similar electrical appliances. Safety. Particular requirements for commercial microwave appliances with insertion or contacting applicators

CPL/61/7

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

**22/30451246 DC**

BS IEC 62463 Radiation protection instrumentation. X-ray systems for the security screening of persons

NCE/2

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

**22/30451249 DC**

BS IEC 62709 Radiation protection instrumentation. Security screening of humans. Measuring the imaging performance of X-ray systems

NCE/2

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

**22/30451429 DC**

BS ISO/ASTM 52908 Additive manufacturing of metals. Finished Part properties. Post-processing, inspection and testing of parts produced by powder bed fusion

AMT/8

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

**22/30451524 DC**

BS EN IEC 60674-3-7 Plastic films for electrical purposes. Specifications for individual materials. Fluoroethylene-propylene (FEP) films used for electrical insulation

GEL/15

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

**22/30451528 DC**

BS IEC 60761-2 Equipment for continuous monitoring of radioactivity in gaseous effluents. Specific requirements for radioactive aerosol monitors including transuranic aerosols

GEL/15

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

**22/30451547 DC**

BS EN 50716 Cross-functional Software Standard for Railways

£18.00 members, £36.00 non-members

GEL/9

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

**22/30450117 DC**

BS EN 62841-3-14 AMD1 Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery. Safety. Particular requirements for transportable drain cleaners

CPL/116

Comments for the above document are required by 6 April, 2022

**22/30401287 DC**

BS ISO/IEC 30105-8 Information technology. IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes. Continual Performance Improvement (CPI) of ITES-BPO

IST/60/3

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

**22/30372495DC**

BS EN 60393-4 Potentiometers for use in electronic equipment. Sectional specification. Single-turn rotary power potentiometers

W/-

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

**DOCUMENTS NOT ISSUED AS DPCS**

The following documents were not issued for Enquiry by the relevant Standard Development Organizations and therefore not able to be issued in the UK as a Draft for Public Comment. Any comments can be submitted to the named contact for committee consideration but they may have to be held over until a future amendment or revision project. Comments can be sent by email or by post to named contacts at:-  
BSI Group  
389 Chiswick High Road  
London W4 4AL

**IEC 60335-2-25**

Household and similar electrical appliances. Safety. Particular requirements for microwave ovens, including combination microwave ovens  
Contact: Geraldine Salt  
Email: Geraldine.Salt@bsigroup.com  
CPL/61/7

**IEC 61169-10**

Radio-frequency connectors. R.F. coaxial connectors with inner diameter of outer conductor 3 mm (0.12 in) with snap-on coupling. Characteristic impedance 50 ohms (Type SMB)  
Contact: Committee Service Centre  
Email: CSC@bsigroup.com  
EPL/46

**IEC 61280-4-5:2020/COR1**

Fibre-optic communication subsystem test procedures. Installed cabling plant. Attenuation measurement of MPO terminated fibre optic cabling plant using test equipment with MPO interfaces  
Contact: Committee Service Centre  
Email: CSC@bsigroup.com  
GEL/86/3

**IEC 61000-3-3:2013/A2**

Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current =16 A per phase and not subject to conditional connection  
Contact: Geraldine Salt  
Email: Geraldine.Salt@bsigroup.com  
GEL/210

**ISO 3297**

Information and documentation. International standard serial number (ISSN)  
Contact: Committee Service Centre  
Email: CSC@bsigroup.com  
IDT/2/18



**IEC 60456 A1**

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

Contact: Nicola Young  
Email: Nicola.Young@bsigroup.com  
CPL/59/1

**IEC 60364-5-52:2009/A1**

Low-voltage electrical installations. Selection and erection of electrical equipment. Wiring systems

Contact: Deborah Harvey  
Email: Deborah.Harvey@bsigroup.com  
JPEL/64

**ISO 19960**

Cast steels and alloys with special physical properties

Contact: Julie Weller  
Email: Julie.Weller@bsigroup.com  
ISE/111

**IEC 60335-2-90**

Household and similar electrical appliances. Safety. Particular requirements for commercial microwave ovens

Contact: Geraldine Salt  
Email: Geraldine.Salt@bsigroup.com  
CPL/61/7

**IEC/IEEE 80005-1:2019/A2**

Utility connections in port. High voltage shore connection (HVSC) systems. General requirements

Contact: Deborah Harvey  
Email: Deborah.Harvey@bsigroup.com  
JPEL/18

**ISO 13583-1**

Centrifugally cast steel and alloy products. General testing and tolerances

Contact: Julie Weller  
Email: Julie.Weller@bsigroup.com  
ISE/111

**ISO 13583-2**

Centrifugally cast steel and alloy products. Heat-resistant materials

Contact: Julie Weller  
Email: Julie.Weller@bsigroup.com  
ISE/111

**ISO 23814**

Competency requirements for crane inspectors

Contact: Charlotte Hennessey  
Email: Charlotte.Hennessey@bsigroup.com  
MHE/3/11

**CWA 17835**

Guidelines for the development and use of safety testing procedures in human-robot collaboration

Contact: Takiyah Williams  
Email: Takiyah.Williams@bsigroup.com  
AMT/10

**IEC 60335-2-110**

Household and similar electrical appliances. Safety. Particular requirements for commercial microwave appliances with insertion or contacting applicators

Contact: Geraldine Salt  
Email: Geraldine.Salt@bsigroup.com  
CPL/61/7

**CEN EUROPEAN STANDARDS****EUROPEAN RATIFIED TEXTS**

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

**EN ISO 683-3:2022**

Heat-treatable steels, alloy steels and free-cutting steels. Case-hardening steels

ISE/105  
(ISO 683-3:2022)

**EN 2713-012:2022**

Aerospace series. Cables, electrical, single and multicore for general purpose. Operating temperatures between 55 °C and 200 °C. MNA (1 core), MNB (pair), MNC(3 cores), MND (4 cores), cables family. Silver-plated copper screened (spiral) and jacketed, UV laser printable. Product standard

ACE/6

**EN 3475-705:2022**

Aerospace series. Cables, electrical, aircraft use. Test methods. Contrast measurement

ACE/6

**EN 3830:2022**

Aerospace series. Electrical system. Load analysis

ACE/6

**EN ISO 4135:2022**

Anaesthetic and respiratory equipment. Vocabulary

CH/121  
(ISO 4135:2022)

**EN ISO 8222:2020/A1:2022**

Petroleum measurement systems. Calibration. Volumetric measures, proving tanks and field measures (including formulae for properties of liquids and materials)

PTI/12  
(ISO 8222:2020/Amd 1:2022)

**EN ISO 8253-3:2022**

Acoustics. Audiometric test methods. Speech audiometry

EH/1/1  
(ISO 8253-3:2022)

**EN ISO 8985:2022**

Plastics. Ethylene/vinyl acetate copolymer (EVAC) thermoplastics. Determination of vinyl acetate content

PRU/82  
(ISO 8985:2022)

**EN ISO 9713:2022**

Neurosurgical implants. Self-closing intracranial aneurysm clips

CH/150  
(ISO 9713:2022)

**EN ISO 10365:2022**

Adhesives. Designation of main failure patterns

PRU/52  
(ISO 10365:2022)

**EN ISO 11114-5:2022**

Gas cylinders. Compatibility of cylinder and valve materials with gas contents. Test methods for evaluating plastic liners

PVE/3  
(ISO 11114-5:2022)

**EN ISO 11295:2022**

Plastics piping systems used for the rehabilitation of pipelines. Classification and overview of strategic, tactical and operational activities

PRU/88/3  
(ISO 11295:2022)

**EN ISO 12179:2022**

Geometrical product specifications (GPS). Surface texture: Profile method. Calibration of contact (stylus) instruments

TPR/1  
(ISO 12179:2021)

**EN 12697-7:2022**

Bituminous mixtures. Test methods. Determination of the bulk density of bituminous specimens by gamma rays

B/510/1

**EN 12697-15:2022**

Bituminous mixtures. Test methods. Determination of the segregation sensitivity

B/510/1

**EN 12697-49:2022**

Bituminous mixtures. Test methods. Determination of friction after polishing

B/510/1

**EN 13126-1:2022**

Building hardware. Hardware for windows and door height windows. Requirements and test methods. Requirements common to all types of hardware

B/538/4

**EN 13126-4:2022**

Building hardware. Hardware for windows and door height windows. Requirements and test methods. Espagnolettes

B/538/1

**EN 13126-13:2022**

Building hardware. Hardware for windows and door height windows. Requirements and test methods. Sash balances

B/538/4

**EN 13126-14:2022**

Building hardware. Hardware for windows and door height windows. Requirements and test methods. Sash fasteners

B/538/4

**EN 13523-9:2022**

Coil coated metals. Test methods. Resistance to water immersion

STI/21

**EN 13523-25:2022**

Coil coated metals. Test methods. Resistance to humidity

STI/21

**EN 13523-26:2022**

Coil coated metals. Test methods. Resistance to condensation of water

STI/21

**EN ISO 15798:2022**

Ophthalmic implants. Ophthalmic viscosurgical devices

CH/172/7

(ISO 15798:2022)

**EN 15967:2022**

Determination of maximum explosion pressure and the maximum rate of pressure rise of gases and vapours

EXL/23

**EN 15984:2022**

Petroleum industry and products. Determination of composition of refinery heating gas and calculation of carbon content and calorific value. Gas chromatography method

PTI/15

**EN 16830:2022**

Safety and control devices for burners and appliances burning gaseous or liquid fuels. Control functions in electronic systems. Temperature Control function

GSE/22

**EN ISO 17962:2015/A1:2022**

Agricultural machinery. Equipment for sowing. Minimization of the environmental effects of fan exhaust from pneumatic systems

AGE/6

**EN ISO 19574:2022**

Footwear and footwear components. Qualitative test method to assess antifungal activity (growth test)

TCl/69

(ISO 19574:2022)

**EN ISO 20776-2:2022**

Clinical laboratory testing and in vitro diagnostic test systems. Susceptibility testing of infectious agents and evaluation of performance of antimicrobial susceptibility test devices. Evaluation of performance of antimicrobial susceptibility test devices against reference broth micro-dilution

CH/212

(ISO 20776-2:2021)

**EN ISO 21920-1:2022**

Geometrical product specifications (GPS). Surface texture: Profile. Indication of surface texture

TPR/1

(ISO 21920-1:2021)

**EN ISO 21920-2:2022**

Geometrical product specifications (GPS). Surface texture: Profile. Terms, definitions and surface texture parameters

TPR/1

(ISO 21920-2:2021)

**EN ISO 21920-3:2022**

Geometrical product specifications (GPS). Surface texture: Profile. Specification operators

TPR/1

**EN ISO 22044:2022**

Commercial beverage coolers. Classification, requirements and test conditions

RHE/19

(ISO 22044:2021)

**EN ISO 25178-2:2022**

Geometrical product specifications (GPS). Surface texture: Areal. Terms, definitions and surface texture parameters

TPR/1

(ISO 25178-2:2021)

**CEN REPORTS**

**CEN/TR 17603-32-01:2022**

Space engineering. Structural materials handbook. Overview and material properties and applications

ACE/68

**CEN/TR 17603-32-02:2022**

Space engineering. Structural materials handbook. Design calculation methods and general design aspects

ACE/68

**CEN/TR 17603-32-03:2022**

Space engineering. Structural materials handbook. Load transfer and design of joints and design of structures

ACE/68

**CEN/TR 17603-32-04:2022**

Space engineering. Structural materials handbook. Integrity control, verification guidelines and manufacturing

ACE/68

**CEN/TR 17603-32-05:2022**

Space engineering. Structural materials handbook. New advanced materials, advanced metallic materials, general design aspects and load transfer and design of joints

ACE/68

**CEN/TR 17603-32-07:2022**

Space engineering. Structural materials handbook. Thermal and environmental integrity, manufacturing aspects, in-orbit and health monitoring, soft materials, hybrid materials and nanotechnologies

ACE/68

**CEN/TR 17603-32-08:2022**

Space engineering. Structural materials handbook. Glossary

ACE/68

**CEN/TR 17792:2022**

Railway Applications. Wheel-rail contact geometry parameters. Technical report and background information about EN 15302

RAE/1/-/8

**CEN TECHNICAL SPECIFICATIONS**

**CEN/TS 17728:2022**

Organic soil improvers. Determination of specific parameters

AW/20

**CEN/TS 17729:2022**

Soil improvers. Determination of specific parameters

AW/20

**CEN/TS 17730:2022**

Compost and digestate properties when used in fertilizing products

AW/20

**CEN/TS 17731:2022**

Growing media. Determination of specific parameters

AW/20

**CEN/TS 17732:2022**

Soil improvers and growing media. Terminology

AW/20

**CEN/TS 17733:2022**

Soil improvers and growing media. Sampling and sample preparation

AW/20

**CEN ISO/TS 24283-1:2022**

Geotechnical investigation and testing. Qualification criteria and assessment. Qualified technician and qualified operator

B/526/3

**CEN ISO/TS 24283-2:2022**

Geotechnical investigation and testing. Qualification criteria and assessment. Responsible expert

B/526/3

(ISO/TS 24283-2:2022)



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**CEN ISO/TS 24283-3:2022**

Geotechnical investigation and testing. Qualification criteria and assessment. Qualified enterprise

B/526/3  
(ISO/TS 24283-3:2022)

**CENELEC PUBLICATIONS**

EUROPEAN RATIFIED TEXTS

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**EN IEC 55025:2022**

Vehicles, boats and internal combustion engines. Radio disturbance characteristics. Limits and methods of measurement for the protection of on-board receivers  
-£30.00 members, -£60.00 non-members  
GEL/210

**EN IEC 60519-4:2022**

Safety in installations for electro heating and electromagnetic processing. Particular requirements for arc furnace installations  
PEL/27

**EN IEC 60534-4:2022**

Industrial-process control valves. Inspection and routine testing  
GEL/65/2

**EN IEC 60749-39:2022**

Semiconductor devices. Mechanical and climatic test methods. Measurement of moisture diffusivity and water solubility in organic materials used for semiconductor components  
EPL/47  
(IEC 60749-39:2021)

**EN IEC 61223-3-7:2022**

Evaluation and routine testing in medical imaging departments. Acceptance and constancy tests. Imaging performance of X-ray equipment for dental cone beam computed tomography  
CH/62/2  
(IEC 61223-3-7:2021)

**EN IEC 61439-1:2021/AC:2022**

Low-voltage switchgear and controlgear assemblies. General rules  
PEL/121/2  
(IEC 61439-1:2020/COR1:2021)

**EN IEC 61970-456:2022**

Energy management system application program interface (EMS-API). Solved power system state profiles  
PEL/57

**EN IEC 62271-100:2021/AC:2022**

High-voltage switchgear and controlgear. Alternating-current circuit-breakers  
PEL/17  
(IEC 62271-100:2021/COR1:2021)

**EN IEC 62288:2022**

Maritime navigation and radiocommunication equipment and systems. Presentation of navigation-related information on shipborne navigational displays. General requirements, methods of testing and required test results  
EPL/80

**EN IEC 63174:2022**

Electrically operated toothbrushes. Methods for measuring the performance  
CPL/59  
(IEC 63174:2021)

**EN IEC 63182-3:2022**

Magnetic powder cores. Guidelines on dimensions and the limits of surface irregularities. E-cores  
EPL/51

**EN IEC 63182-4:2022**

Magnetic powder cores. Guidelines on dimensions and the limits of surface irregularities. Block-cores  
EPL/51  
(IEC 63182-4:2021)

**EN IEC 63182-5:2022**

Magnetic powder cores. Guidelines on dimensions and the limits of surface irregularities. Cylinder-cores  
EPL/51  
(IEC 63182-5:2021)

**EN IEC 63203-406-1:2022**

Wearable electronic devices and technologies. Test method for measuring surface temperature of wrist-worn wearable electronic devices while in contact with human skin  
AMT/9

**EN IEC 81001-5-1:2022**

Health software and health IT systems safety, effectiveness and security. Security. Activities in the product life cycle  
CH/62/1  
(IEC 81001-5-1:2021)

**EN 61400-13:2016/A1:2022**

Wind turbines. Measurement of mechanical loads  
PEL/88

**EN 62133-2:2017/A1:2021/AC:2022**

Secondary cells and batteries containing alkaline or other non-acid electrolytes. Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications. Lithium systems  
PEL/21  
(IEC 62133-2:2017/A1:2021/COR1:2021)

**IEC PUBLICATIONS**

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The following IEC publications are available from BSI Customer Services (see 'How to order' on page 2).

**IEC/IEEE 80005-1:2019/A1:2022**

Utility connections in port. High voltage shore connection (HVSC) systems. General requirements  
£14.40 members, £16.00 non-members  
JPEL/18

**IEC 60400:2017/A2:2022**

Lamp holders for tubular fluorescent lamps and starter holders  
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CPL/34/2

**IEC 60512-99-002:2022**

Connectors for electrical and electronic equipment. Tests and measurements. Endurance test schedules. Test 99b: Test schedule for unmating under electrical load  
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EPL/48

**IEC 60519-6:2022**

Safety in installations for electro heating and electromagnetic processing. Particular requirements for high frequency dielectric and microwave heating and processing equipment  
£230.40 members, £256.00 non-members  
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Luminaires. Particular requirements. Lighting chains  
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**IEC 60704-2-18:2022**

Household and similar electrical appliances. Test code for the determination of airborne acoustical noise. Particular requirements for electric water heaters  
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Cable networks for television signals, sound signals and interactive services. In-building optical systems for broadcast signal transmissions  
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**IEC 60751:2022**

Industrial platinum resistance thermometers and platinum temperature sensors  
£104.40 members, £116.00 non-members  
GEL/65

**IEC 60793-2-10:2019/A1:2022**

Optical fibres. Product specifications. Sectional specification for category A1 multimode fibres  
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**IEC 60794-1-404:2022**

Optical fibre cables. Generic specification. Basic optical cable test procedures. Electrical test methods. Current-temperature test, method H4  
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**IEC 61000-3-3:2013/A2:2021/COR1:2022**

Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current < 16 A per phase and not subject to conditional connection  
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**IEC 61094-2:2009/A1:2022**

Electroacoustics. Measurement microphones. Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique  
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**IEC 61169-1-5:2022**

Radio frequency connectors. Electrical test methods. Rise time degradation  
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**IEC 61189-2-501:2022**

Test methods for electrical materials, printed boards and other interconnection structures and assemblies. Test methods for materials for interconnection structures. Measurement of resilience strength and resilience strength retention factor of flexible dielectric materials  
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Coaxial communication cables. Electrical test methods. General requirements  
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**IEC 61280-4-5:2020/COR1:2022**

Fibre-optic communication subsystem test procedures. Installed cabling plant. Attenuation measurement of MPO terminated fibre optic cabling plant using test equipment with MPO interfaces  
GEL/86/3

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Fibre optic interconnecting devices and passive components. Basic test and measurement procedures. Examinations and measurements. Withdrawal force from a resilient alignment sleeve using pin gauges  
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**IEC/TR 61850-10-3:2022**

Communication networks and systems for power utility automation. Functional testing of IEC 61850 systems  
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PEL/57

**IEC 61935-2:2022**

Specification for the testing of balanced and coaxial information technology cabling. Cords as specified in ISO/IEC 11801-1 and related standards  
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**IEC 62150-6:2022**

Fibre optic active components and devices. Test and measurement procedures. Universal mezzanine boards for test and measurement of photonic devices  
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**IEC 62282-3-201:2017/A1:2022**

Fuel cell technologies. Stationary fuel cell power systems. Performance test methods for small fuel cell power systems  
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Solar thermal electric plants. Systems and components. General requirements for the design of parabolic-trough solar thermal power plants  
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RHE/25

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**IEC 62977-3-7:2022**

Electronic displays. Evaluation of optical performance. Tone characteristics  
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**IEC 63246-2:2022**

Configurable car infotainment services (CCIS). Requirements  
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Photovoltaic direct-driven appliance controllers. Operation modes and graphic display  
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Dynamic on-resistance test method guidelines for GaN HEMT based power conversion devices  
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**IEC 60034-18-32:2022**

Rotating electrical machines. Functional evaluation of insulation systems (Type II). Electrical endurance qualification procedures for form-wound windings  
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**IEC 60034-33:2022**

Rotating electrical machines. Synchronous hydrogenerators including motor-generators. Specific requirements  
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**IEC 60079-31:2022**

Explosive atmospheres. Equipment dust ignition protection by enclosure "t"  
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**CISPR TR 18-1:2017**

Radio interference characteristics of overhead power lines and high-voltage equipment. Description of phenomena  
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Series 1 freight containers. Classification, dimensions and ratings  
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Natural rubber (NR). Evaluation procedure

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PRI/50

*Will be implemented as an identical British Standard*

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PRI/42

*Will be implemented as an identical British Standard*

**ISO 4135:2022**

Anaesthetic and respiratory equipment. Vocabulary

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CH/121

*Will be implemented as an identical British Standard*

**ISO/IEC TR 4339:2022**

Information technology for learning, education and training. Reference model for information and communications technology (ICT) evaluation in education

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IST/43

*Will be implemented as an identical British Standard*

**ISO 4443:2022**

Cryolite primarily used for the production of aluminium. Determination of elements. Wavelength-dispersive X-ray fluorescence spectrometric method using pressed powder tablets

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WI/-

*Will be implemented as an identical British Standard*

**ISO/TR 4553:2022**

Deformations and displacements of buildings and building elements at serviceability limit states

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B/525/1

*Will be implemented as an identical British Standard*

**ISO 4761:2022**

Non-destructive testing of welds. Phased array ultrasonic testing (UT-PA) for thin-walled steel components. Acceptance levels

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WEE/46/3

*Will be implemented as an identical British Standard*

**ISO 4784:2022**

Building and civil engineering sealants. Determination of surface cure time

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B/547

*Will be implemented as an identical British Standard*

**ISO 5009:2022**

Financial services. Official organizational roles. Scheme for official organizational roles

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IST/12

*Will be implemented as an identical British Standard*

**ISO 6405-2:2017/A1:2022**

Earth-moving machinery. Symbols for operator controls and other displays. Symbols for specific machines, equipment and accessories

£11.70 members, £13.00 non-members

B/513/1

*Will be implemented as an identical British Standard*

**ISO 6460-1:2022**

Motorcycles. Measurement method for gaseous exhaust emissions and fuel consumption. General test requirements

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AUE/14

*Will be implemented as an identical British Standard*

**ISO 6798-3:2022**

Reciprocating internal combustion engines. Measurement of sound power level using sound pressure. Survey method for use in situ

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MCE/14

*Will be implemented as an identical British Standard*

**ISO 7203-4:2022**

Fire extinguishing media. Foam concentrates. Specification for Class A foam concentrates for application on Class A fires

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FSH/18/7

*Will not be implemented as a British Standard*

**ISO/TR 7262:2022**

Natural gas. Coalbed methane quality designation and the applicability of ISO/TC 193 current standards

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PTI/15

*Will be implemented as an identical British Standard*

**ISO 8253-3:2022**

Acoustics. Audiometric test methods. Speech audiometry

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EH/1/1

*Will be implemented as an identical British Standard*

**ISO 8985:2022**

Plastics. Ethylene/vinyl acetate copolymer (EVAC) thermoplastics. Determination of vinyl acetate content

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PRI/82

*Will be implemented as an identical British Standard*

**ISO 9220:2022**

Metallic coatings. Measurement of coating thickness. Scanning electron microscope method

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STI/33

*Will be implemented as an identical British Standard*

**ISO 9528:2022**

Aerospace. Standard-weight polytetrafluoroethylene (PTFE) hose assemblies, classification 204 °C/21 000 kPa. Procurement specification

£85.50 members, £95.00 non-members

ACE/69

*Will be implemented as an identical British Standard*

**ISO 9938:2022**

Aerospace. Polytetrafluoroethylene (PTFE) hose assemblies, classification 204 degrees C/28 000 kPa. Procurement specification

£0.00 members, £0.00 non-members

ACE/69

*Will be implemented as an identical British Standard*

**ISO/IEC /IEEE 14764:2022**

Software engineering. Software life cycle processes. Maintenance

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IST/15

*Will be implemented as an identical British Standard*

**ISO/IEC /IEEE 29119-1:2022**

Software and systems engineering. Software testing. General concepts

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IST/15/-/26

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**ISO 10270:2022**

Corrosion of metals and alloys. Aqueous corrosion testing of zirconium alloys for use in nuclear power reactors

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ISENFE/8

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**ISO 10365:2022**

Adhesives. Designation of main failure patterns

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PRI/52

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**ISO/TR 10687:2022**

Mechanical vibration. Description and determination of seated postures with reference to whole-body vibration

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GME/21/6

*Will be implemented as an identical British Standard*

**ISO 10942:2022**

Ophthalmic instruments. Direct ophthalmoscopes

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CH/172/6

*Will be implemented as an identical British Standard*

**ISO 11295:2022**

Plastics piping systems used for the rehabilitation of pipelines. Classification and overview of strategic, tactical and operational activities

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PRI/88/3

*Will be implemented as an identical British Standard*



**ISO 11339:2022**

Adhesives. T-peel test for flexible-to-flexible bonded assemblies

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PR/75

*Will be implemented as an identical British Standard*

**ISO/TR 11462-4:2022**

Guidelines for implementation of statistical process control (SPC). Reference data sets for measurement process analysis software validation

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SS/4

*Will be implemented as an identical British Standard*

**ISO 11617:2022**

Building and civil engineering sealants. Determination of changes in cohesion and appearance of elastic weatherproofing sealants after exposure of statically cured specimens to artificial weathering and mechanical cycling

£63.90 members, £71.00 non-members

B/547

*Will be implemented as an identical British Standard*

**ISO 11806-2:2022**

Agricultural and forestry machinery. Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers. Machines for use with backpack power unit

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AGE/29

*Will be implemented as an identical British Standard*

**ISO 13844:2022**

Plastics piping systems. Elastomeric-sealing-ring-type socket joints for use with plastic pipes. Test method for leak tightness under negative pressure, angular deflection and deformation

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PR/88/4

*Will be implemented as an identical British Standard*

**ISO 14246:2022**

Gas cylinders. Cylinder valves. Manufacturing tests and examinations

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PVE/3/1

*Will be implemented as an identical British Standard*

**ISO/IEC 14496-12:2022**

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

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IST/37

*Will not be implemented as a British Standard*

**ISO 14520-17:2022**

Gaseous fire-extinguishing systems. Physical properties and system design. Halocarbon Blend 55

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FSH/18/6

*Will not be implemented as a British Standard*

**ISO 15527:2022**

Plastics. Compression-moulded sheets of polyethylene (PE-UHMW, PE-HD). Requirements and test methods

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PR/75

*Will be implemented as an identical British Standard*

**ISO 15798:2022**

Ophthalmic implants. Ophthalmic viscosurgical devices

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CH/172/7

*Will be implemented as an identical British Standard*

**ISO 15901-2:2022**

Pore size distribution and porosity of solid materials by mercury porosimetry and gas adsorption. Analysis of nanopores by gas adsorption

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LBI/37

*Will be implemented as an identical British Standard*

**ISO 16457:2022**

Space environment (natural and artificial). The Earth's ionosphere model. International reference ionosphere (IRI) model and extensions to the plasmasphere

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ACE/68

*Will be implemented as an identical British Standard*

**ISO 16796:2022**

Nuclear energy. Determination of Gd<sub>2</sub>O<sub>3</sub> content in gadolinium fuel blends and gadolinium fuel pellets by atomic emission spectrometry using an inductively coupled plasma source (ICP-AES)

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NCE/9

*Will be implemented as an identical British Standard*

**ISO 16889:2022**

Hydraulic fluid power. Filters. Multi-pass method for evaluating filtration performance of a filter element

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MCE/18-/6

*Will be implemented as an identical British Standard*

**ISO/IEC TS 17021-14:2022**

Conformity assessment. Requirements for auditing and certification of management systems. Competence requirements for auditing and certification of management systems for records

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IDT/2/17

*Will be implemented as an identical British Standard*

**ISO 17194:2022**

Structural adhesives. Standard database of properties

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PR/52

*Will be implemented as an identical British Standard*

**ISO 17463:2022**

Paints and varnishes. Guidelines for the determination of anticorrosive properties of organic coatings by accelerated cyclic electrochemical technique

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ST/10

*Will be implemented as an identical British Standard*

**ISO 18319-2:2022**

Fibre reinforced polymer (FRP) reinforcement for concrete structures. Specifications of CFRP strips

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B/525/2

*Will be implemented as an identical British Standard*

**ISO/TS 19468:2022**

Intelligent transport systems. Data interfaces between centres for transport information and control systems. Platform-independent model specifications for data exchange protocols for transport information and control systems

£143.10 members, £159.00 non-members

EPL/278

*Will be implemented as an identical British Standard*

**ISO 19472-2:2022**

Machinery for forestry. Winches. Traction aid winches

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AGE/29

*Will be implemented as an identical British Standard*

**ISO 19574:2022**

Footwear and footwear components. Qualitative test method to assess antifungal activity (growth test)

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TC/69

*Will be implemented as an identical British Standard*

**ISO 20302:2022**

Health informatics. Health cards. Numbering system and registration procedure for issuer identifiers

£27.90 members, £31.00 non-members

IST/35

*Will be implemented as an identical British Standard*

**ISO/IEC 20009-3:2022**

Information security. Anonymous entity authentication. Mechanisms based on blind signatures

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IST/33/2

*Will be implemented as an identical British Standard*

**ISO 21490:2022**

Rubber and rubber products. Determination of 2-mercaptobenzothiazole content by high performance liquid chromatography (HPLC)

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PR/22

*Will be implemented as an identical British Standard*

**ISO 21503:2022**

Project, programme and portfolio management. Guidance on programme management

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MS/2

*Will be implemented as an identical British Standard*

**ISO 21504:2022**

Project, programme and portfolio management. Guidance on portfolio management

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MS/2

*Will be implemented as an identical British Standard*



## BSI Flex 236 v1.0: 2022-01

### Enabling the development of inclusive standards: understanding the role of data and data analysis – Guide

BSI Flex is a new model of standards development that uses an agile, iterative approach and open consultation to develop consensus-based good practice in areas that change and develop quickly.

**BSI Flex 236 v1.0:2022-01** is a tool for enabling the development of inclusive standards across all sectors and gives guidance on how data can be used in the development of all types of standards. This flex supports standards makers develop their confidence and expertise, strengthen risk management, and minimize harm to produce robust outputs that will serve a diverse population without bias.



Learn more:

<https://pages.bsigroup.com/Flex236>

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## Critical amendment to sterilization standard now protects newborns

We've now amended the international standard giving limits for residues of ethylene oxide on sterilized medical devices. As a result: **BS EN ISO 10993-7:2008+A1:2022 Biological evaluation of medical devices -- Part 7: Ethylene oxide sterilization residuals** now includes limits that are explicitly protective of newborn babies.



Learn more:

<https://pages.bsigroup.com/BSENISO10993-7>

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**ISO 22058:2022**

Construction procurement. Guidance on strategy and tactics

£99.90 members, £111.00 non-members

CBI/18

*Will be implemented as an identical British Standard*

**ISO 22402-2:2022**

Medium-transfer units for tool interfaces. Transfer units for polygonal taper interfaces in accordance with the ISO 26623 series

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MTE/18

*Will be implemented as an identical British Standard*

**ISO 22480-1:2022**

Railway applications. Concrete sleepers and bearers for track. General requirements

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RAE/2

*Will not be implemented as a British Standard*

**ISO 22480-2:2022**

Railway applications. Concrete sleepers and bearers for track. Prestressed monoblock sleepers

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RAE/2

*Will not be implemented as a British Standard*

**ISO 22741-1:2022**

Intelligent transport systems. Roadside modules AP-DATEX data interface. Overview

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EPL/278

*Will be implemented as an identical British Standard*

**ISO/IEC 23094-4:2022**

Information technology. General video coding. Conformance and reference software for essential video coding

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IST/37

*Will not be implemented as a British Standard*

**ISO 23196:2022**

Water quality. Calculation of biological equivalence (BEQ) concentrations

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EH/3/5

*Will be implemented as an identical British Standard*

**ISO 23257:2022**

Blockchain and distributed ledger technologies. Reference architecture

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DLT/1

*Will be implemented as an identical British Standard*

**ISO 23472-4:2022**

Foundry machinery. Vocabulary. Abrasive blasting machines and other equipment related to cleaning and finishing for casting

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MCE/3/10

*Will be implemented as an identical British Standard*

**ISO/TS 23535:2022**

Health informatics. Requirements for customer-oriented health cloud service agreements

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IST/35

*Will be implemented as an identical British Standard*

**ISO 23551-9:2022**

Safety and control devices for gas burners and gas-burning appliances. Particular requirements. Mechanical gas thermostats

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GSE/22

*Will be implemented as an identical British Standard*

**ISO 23703:2022**

Microbeam analysis. Guidelines for misorientation analysis to assess mechanical damage of austenitic stainless steel by electron backscatter diffraction (EBSD)

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CI/9

*Will be implemented as an identical British Standard*

**ISO/TS 24498:2022**

Paper, board and pulps. Estimation of uncertainty for test methods by interlaboratory comparisons

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PAI/11

*Will be implemented as an identical British Standard*

**ISO 24562:2022**

Prosthetics. Geometrical aspects of lower limb prosthetic adapters

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CH/168

*Will be implemented as an identical British Standard*

**ISO 24613-5:2022**

Language resource management. Lexical markup framework (LMF). Lexical base exchange (LBX) serialization

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TS/1

*Will be implemented as an identical British Standard*

**ISO 24649:2022**

Agricultural irrigation equipment. Manually and hydraulically operated plastics valves

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AGE/30

*Will be implemented as an identical British Standard*

**ISO 24667:2022**

Sports and recreational facilities. Impact surfacing testing device

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SW/65

*Will be implemented as an identical British Standard*

**ISO/IEC 24745:2022**

Information security, cybersecurity and privacy protection. Biometric information protection

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IST/33/5

*Will be implemented as an identical British Standard*

**ISO 25550:2022**

Ageing societies. General requirements and guidelines for an age-inclusive workforce

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CH/314

*Will be implemented as an identical British Standard*

**ISO 25552:2022**

Ageing societies. Framework for dementia-inclusive communities

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CH/314

*Will be implemented as an identical British Standard*

**ISO/TR 27923:2022**

Carbon dioxide capture, transportation and geological storage. Injection operations, infrastructure and monitoring

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PSE/265

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**ISO 28927-13:2022**

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

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MCE/8/-2

*Will be implemented as an identical British Standard*

**ISO/IEC 30162:2022**

Internet of Things (IoT). Compatibility requirements and model for devices within industrial IoT systems

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IOT/1

*Will be implemented as an identical British Standard*

**ISO 31120-1:2022**

Road vehicles. Injection water. Quality requirements

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MCE/22

*Will be implemented as an identical British Standard*

**ISO/IEC 38503:2022**

Information technology. Governance of IT. Assessment of the governance of IT

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IST/60/1

*Will be implemented as an identical British Standard*

**ISO/IEC TR 49794:2022**

Information technology. Transition examples from the ISO/IEC 19794:2005 series to the ISO/IEC 39794 series for ID documents. Face image data

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IST/44/-4

*Will be implemented as an identical British Standard*

**ISO/PAS PUBLICATIONS**

**ISO/P 24565:2022**

Petroleum and natural gas industries. Ceramic lined tubing

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PSE/17/-5



## Water quality standards BS 8580-2:2022 & BS 7592:2022

Both these standards help duty holders, managers, and water safety group members increase their expertise on how microbial hazards spread, and help them prioritize actions and minimize risks.

To validate that you're controlling legionellae in an effective, efficient and compliant way should you now use **BS 7592:2022**. For information and support with prioritizing actions and minimizing the risks from PA and other waterborne pathogens, you should now use **BS 8580-2:2022**.



Learn more:

<https://pages.bsigroup.com/water-quality>

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# UPDATE STANDARDS

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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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BSI  
389 Chiswick High Road  
London, W4 4AL United Kingdom

T +44 345 086 9001  
bsigroup.com



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