

What's New March 2016

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A full record of the content revisions can be obtained within the report that is produced when you run the update routine on your user specifications.

Detailed PDF guidance documents can now be found by clicking on the 'Sustainability' or 'Technical Design Guides' icons in the 'Guidance' toolbar.

Unless stated otherwise, section or clause guidance is accessed via the right hand window.

Section 1	Summary
<p>Detailed technical guidance</p>	<ul style="list-style-type: none"> ➤ New or enhanced existing guidance: <ul style="list-style-type: none"> ○ Addition of a PDF guide "Specifying Communications, Security, IT, AV and Non-Security Alarm Systems" using the W series of work sections or new self-contained specifications V91 and V92 ○ Guidance note regarding BS EN 12050-3 (for lifting plants for limited applications) added to R20:310.010 and 310.020 ○ T19:300.007 clause guidance and the CHP Technical Design Guide amended to reflect 2015 version of BS EN 50465 ○ Guidance added to Part 2 clauses: 210.010, 260.010, 261.010, and 263.010 with detail of example manufacturer's system for fire stopping of penetrations using coated mineral wool strips combined with intumescent sealant <p>See section 2 for details</p>
<p>Work section updates</p> <p>(key points)</p>	<ul style="list-style-type: none"> ➤ Work Section V90 updated and revised, with the addition of two new self-contained specifications V91 "Telecommunications Networks" and V92 "Security Systems, AV Systems and Non-Security Alarm Systems" ➤ Work sections W14, W15, W21, W22 and W23 reviewed and updated in line with current practices and standards ➤ New Clause Y73:2305 has been created and V41:273.070 has been enhanced with a new option to specify for circuit protection / switchgear in exterior lighting column service compartments ➤ A37, A64 & B20 updated, covering building handover, O&M manuals and building log books in line with current practises / standards including BSRIA BG 1/2007 ➤ B20 enhanced in line with residential ventilation requirements to BS EN 13141 and performance characteristics of residential ventilation components to BS EN 13142 ➤ U10 updated to replace of out of date outdoor air supply rates, specific fan power figures and fan sizing parameters, with references to the supporting documentation to Building Regulations or Building Standards (Scotland) <p>See section 2 and section 3 for details of schedules</p>
<p>Standards and Regulations updates</p> <p>(only significant standards listed here)</p>	<ul style="list-style-type: none"> ➤ Some significant documents covered by the update include: <ul style="list-style-type: none"> ○ The Equality Act has been included in sections A33, A64 and W15 along with the related standard BS 8300 ○ New references have been made to HTM 02-01 Part A in regards to standard pressure of medical air in Work Section S34 ○ Addition of two new clauses to sections S16 and T14 in compliance with Eurocode 7 and the code of practice for ground investigations ➤ Some significant standards covered by the update include: <ul style="list-style-type: none"> ○ T32 updated to reflect Gas Industry Standard specifications for external buried pipes and two clause added to S32 for flexible connections and pliable corrugated stainless steel tube in compliance with BS 7838 or BS EN 15266 ○ BS EN ISO 80601-2-13 replaces BS EN ISO 8835-3 in S34 and BS 5682 has been added in regards to helium / oxygen mixture medical gas specification <p>See section 4 for details of all changes to British Standards and other reference documents</p>

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Section 2

Detail of work section updates and audits

Overview of Communications, Security and IT Systems Sections (W and new V91 / V92 sections)

The contents of the W sections have changed between the December 2015 and March 2016 content updates. The main change is that Closed Circuit Television (CCTV) is no longer part of W20, having a separate section W42 as part of Security Systems. W20 has been renamed "Entertainment Systems". Sections W14 and W21 have also been re-named. Certain projects may benefit from a simpler approach and for these the new self-contained specifications V91 and V92 can be used.

These changes are illustrated within the new PDF guide "Specifying Communications, Security, IT, AV and Non-Security Alarm Systems". This also details changes made to the self-contained specification V90 to facilitate the new V91 and V92 sections and shows how NES sections can be used to generate specifications for Healthcare Premises, Educational Establishments, Commercial Office Premises and Dwellings - Flats / Apartment Blocks.

Details of changes in these sections are provided below:

V90 Electrical Installation (Self-Contained Specification)

- Clause 400.090 has been updated to include requirements for avoiding exposure of LSZH and LS0H cabling to concrete / lime. Appropriate specifying engineer guidance has been added.
- New work sections V91 "Telecommunications Networks (Self-Contained Specification)" and V92 "Security Systems, AV Systems and Non-Security Alarm Systems (Self-Contained Specification)" have been introduced in this release. Further guidance can be found in the new W series and V90 series technical guidance document (PDF guide) "Specifying Communications, Security, IT, AV and Non-Security Alarm Systems".

As a result, certain clauses have been moved into these new work sections as listed below.

- 800.020 Telecommunications Provider. The requirements of this clause can now be found in Section V91, Clause 200.010 Telecommunications and Data Provider.
- 800.030 Existing Telecommunications System. The requirements of this clause can now be found in Section V91, Clause 200.020 Existing Telecommunications and Data Network System.
- 800.040 Telecommunications System. The requirements of this clause can now be found in Section V91, Clause 200.120 Telecommunications System.
- 800.050 Public Address System. The requirements of this clause can now be found in Section V92, Clause 400.020 Public Address System.
- 800.060 Radio and Television Distribution System. The requirements of this clause can now be found in Section V92, Clause 400.030 Radio and Television Distribution System.
- 800.070 Television Receivers. The requirements of this clause can now be found in Section V92, Clause 400.040 Television Receivers.
- 800.080 CCTV System. The requirements of this clause can now be found in Section V92, Clause 300.020 Closed Circuit Television System.
- 800.100 Clocks and Time Displays. The requirements of this clause can now be found in Section V92, Clause 400.050 Clocks and Time Displays.
- 800.105 Structured Cabling. The requirements of this clause can now be found in Section V91, Clause 200.100 Structured Cabling.
- 800.110 Access Control Specialist. The requirements of this clause can now be found in Section V92, Clause 300.010 Security Systems Specialist.
- 800.120 Door Entry Phone Access System. The requirements of this clause can now be found in Section V92, Clause 300.040 Door Entry Phone Access System.
- 800.125 Automatic Power Operated Door. The requirements of this clause can now be found in Section V92, Clause 300.050 Automatic Power Operated Door / Gate.
- 800.130 Security Alarms. The requirements of this clause can now be found in Section V92, Clauses 300.030 Security Detection and Alarm System and 300.010 Security Systems Specialist.
- 800.140 Security Alarm Equipment. The requirements of this clause can now be found in Section V92, Clause 300.030 Security Detection and Alarm System.
- 800.145 Social Alarm System. The requirements of this clause can now be found in Section V92, Clause 500.020 Social Alarm System.
- 800.146 Social Alarm Local Unit. The requirements of this clause can now be found in Section V92, Clause 500.030 Social Alarm Local Unit.
- 800.147 Social Alarm Trigger. The requirements of this clause can now be found in Section V92,

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- Clause 500.040 Social Alarm Trigger.
- 800.148 Social Alarm Monitors. The requirements of this clause can now be found in Section V92, Clause 500.050 Social Alarm Monitors.
- Work is planned to review the remaining clauses in Work Section V90 in 2016.

New Work Section V91 Telecommunications Networks (Self-Contained Specification)

- New Work Section V91 "Telecommunications Networks (Self-Contained Specification)" has been introduced in this release. Further guidance can be found in the new technical guidance document (PDF guide) "Specifying Communications, Security, IT, AV and Non-Security Alarm Systems".
- Work is planned to review the remaining clauses in Work Section V90 later in 2016.

New Work Section V92 Security Systems, AV Systems and Non-Security Alarm Systems (Self-Contained Specification)

- New Work Section V92 "Security Systems, AV Systems and Non-Security Alarm Systems (Self-Contained Specification)" has been introduced in this release. Further guidance can be found in the new technical guidance document (PDF guide) "Specifying Communications, Security, IT, AV and Non-Security Alarm Systems".
- Work is planned to review the remaining clauses in Work Section V90 later in 2016.

W14 Bedhead Services (Formerly Patient to Nurse Call Systems)

- The section has been re-titled to align with the Health Technical Memorandum 08-03: Bedhead Services. It was formerly titled "Patient to Nurse Call Systems".
- Clause 300.010 has been updated to specify latest relevant standards.
- Clause 300.020 has been improved to better specify the EMC requirements.
- Clause 300.040 has been updated to permit bedhead services through a common integration platform, over a local area network, to be specified. These are being implemented by some local Trusts.
- The following clauses have been aligned with recommendations in the Health Technical Memorandum 08-03: Bedhead Services: 310.010; 310.030; 310.040; 310.050
- The latest standards for safety of secondary (re-chargeable) batteries have been included in clause 310.020

W15 Facilities for the Disabled

- Section reviewed in line with current practices and standards.
- Clause 100.011 updated to refer to the Equality Act rather than the Disability Discrimination Act 1995 which it replaces.
- Clause 300.030 on electromagnetic compatibility has been improved.
- Clause 310.020 now refers to BS EN 50272 series for safety of secondary batteries.
- Clause 300.040 has been introduced to specify standards that would assist in compliance with accessibility (BS 8300) and safety of the installation (BS 7671).
- Clause 300.050 has been added relating to the supply of software and management of configuration, which may be required for modern systems; clause 320.030 on quality control has been updated with this in mind also.

W20 Entertainment Systems

- Clauses specifying CCTV were moved to a new Section W42 in December 2015 release, and the relevant clauses/requirements which were pre-delete strikethrough have been removed from W20 in this release: 300.090, 300.100, 310.170, 310.180, 310.190, 310.210, 310.214, 310.215, 310.216, 310.217, 310.218, 310.219, 320.015, 320.025, 320.026

W21 Projection and Control Room Displays

- Section title has been updated to include control room displays.
- Requirements for displays used in control room environments have been added to Clause 300.010
- Section has been reviewed in line with current industry practices and standards.
- BS 5817 series has been withdrawn and all references to it are removed.
- Clause 300.060 has been added to cover the Ecodesign and Energy Labelling legislation.

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- Clause 300.070 has been included for the supply of software, and configuration management requirements have been added to Clause 320.020
- Requirements for VESA standard mounting arrangements are included in clauses 310.090 and 310.100
- Sources of video have been updated in clauses 310.070, 310.080, 310.090 and 310.100

W22 Advertising Display

- Section has been reviewed against latest standards and legislation, and now includes new clauses to enable the specification of dynamic advertising: 300.030, 300.050
- Requirements relating to Ecodesign and Energy Labelling legislation have been included in a new clause 300.060
- Revised electromagnetic compatibility requirements are included in Clause 300.020
- LED lamp / luminaire technology has been included in clauses 310.010, 310.020
- Clause 320.020 on quality control has been updated to include management of software and configuration control relating to dynamic advertising displays / systems.

W23 Clocks

- Section has been reviewed and updated to include for time synchronisation systems (e.g. network time servers and master/slave clock systems).
 - The following clauses have relevant changes for this purpose: 300.030; 310.010
 - The following new clauses have been added:
 - 300.040 Electromagnetic Compatibility
 - 300.050 Software
 - 300.060 Integrated System
 - 310.020 Master Clock / Time Server
 - 310.030 Antenna
 - 320.020 Quality Control
- Clause 300.020 has been deleted.
- Clause 310.010 has been updated to permit clocks to be specified which synchronise to external or internal time synchronisation means.

A33 Quality Standards / Control

- The Equality Act has been included in Clause 171.000 along with the related standard BS 8300

Building Handover / O&M Manuals / Building Log Books - A37, A64 and B20

- Text added to A37:110.000, 111.000, 140.000, 150.000, 160.000 covering model specification for O&M manuals in BSRIA BG 1/2007, BS EN 82079-1 and referencing of approved documents / building log book.
- Clause 111.000 deleted (content merged with 110.000)
- Text added to A64:810.010, 810.020, 810.030, 810.060, 810.070 to match modified A37 clauses above.
- Text added to B20:100.851, 100.852, 100.853, 100.856, 100.857 to match modified A37 clauses above.

A64 General Conditions (Self-Contained Specification)

- The Equality Act has been included in Clause 710.110, along with the related standard BS 8300

Residential Ventilation – B20

- Text added to clauses 600.204, 600.206, 600.207, 600.208 and 600.209 to clarify references to the various parts of BS EN 13141 for performance testing of components / products for residential ventilation and BS EN 13142 for performance characteristics of residential ventilation components.
- Part 3 of BS EN 13141 added to 600.206 for range hoods.
- Parts 9 and 10 of BS EN 13141 added to 600.206, 600.207 & 600.208 for humidity controlled devices.
- Parts 9 and 10 of BS EN 13141 added to 600.209 for humidity controlled devices and Part 11 for supply ventilation units used in positive pressure ventilation systems.

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Gas Fired Water Heaters – B20, S11, S12, and N11

- Condensing / non-condensing type options and maximum heat input for units to BS EN 26 or BS EN 89 added to B20:300.205, S11:300.020 and S12:200.030
- BS EN 26 removed from N11 310.080 and replaced with BS EN 203-2-6 (hot water heaters for beverage) as this clause is intended for use for catering appliances not domestic hot water production.

Sewage Pumping – R20

- New clause 300.015 added for wastewater lifting plant inside buildings to BS EN 12056-4
- Parts 1-3 of BS EN 12050 identified separately in 310.010
- Parts 1-4 of BS EN 12050 identified separately in 310.020
- BS EN 12050 removed from 310.030
- BS EN 12056-4 added to 320.010
- Guidance note regarding BS EN 12050-3 (for lifting plants for limited applications) added to 310.010 and 310.020

Electric Water Heaters / Showers – S11, S12, V51

- Incorrect referencing of BS EN 14428 corrected in S12 and V51.
- BS EN 50193-1 added to S11:300.020 and S12:200.030 V51:310.070 for electric instantaneous water heaters.
- Text added to above clauses and S11:300.030 / S12:200.040 to clarify that the parts of BS EN 60335-2 stated in these clauses are for the safety aspects of the water heaters.

Ground Investigations – S16 and T14

- New clauses S16:300.025 and T14:300.002 added referring to Eurocode 7 (Parts 1 and 2 of BS EN 1997 and UK National Annexes) and the code of practice for ground investigations. These clauses can be used when there is a requirement for ground investigations prior to construction of bore holes for water supplies or ground source heat pump systems.

Natural Gas – S32 and T32 (LTHW self-contained specification)

- New clauses 310.100 and 310.110 added to S32 for flexible connections and pliable corrugated stainless steel tube.
- New guidance note for 310.110 comparing BS 7838 with BS EN 15266 (pliable corrugated SS tube)
- Clause 310.090 on gas boosters updated to include relevant BS.
- General update of clause 200.055 in T32 to reflect above and GIS specifications for external buried pipes.

Medical / Laboratory Gas – S34

- Text added to clauses 310.070 and 310.080 for terminal units / hose assemblies and connectors to clarify standards referenced from the clauses and helium / oxygen mixture added as option in line with BS 5682:2015
- Withdrawn standard BS EN ISO 8835-3 replaced by BS EN ISO 80601-2-13 in 310.080 for safety of anaesthetic workstations.
- Standard pressure of medical air in HTM 02-01 Part A (400kPa) added to 310.070

Combined Heat and Power Systems – T19

- Clause 300.007 and clause guidance amended to reflect 2015 version of BS EN 50465. This standard now covers other types of micro CHP (i.e. Stirling engine & internal combustion engine), the 2008 version was for fuel cell only type only. The standard has also been added to the CHP Technical Design Guide.

Ventilation - U10

- Out of date outdoor air supply rates, specific fan power figures and fan sizing parameters removed from Part 1 clauses 100.020 and 100.025 and reference to the supporting documentation to Building Regulations or Building Standards (Scotland) added.
- Text added to 100.020 (Design Parameters – Refurbishment) to clarify standards for testing of systems and ductwork cleanliness.

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- Standards added to 100.025 (Design Parameters – New Build) for testing of systems and ductwork cleanliness to match 100.020

V41 Street / Area / Flood Lighting

- A new option has been included for circuit protection / switchgear in exterior lighting column service compartments, clause 273.070.

Stop Valves (Isolation valves) – Y11 (reference clauses and part 2 clause)

- General enhancements to Clause 211.030 to clarify materials / applications for the various valve types.
- Minor modifications to clauses Y11:2030#, 2050#, 2050A, 2060#, 2060A, 2125# in line with modifications to the Part 2 selection schedule clause above.

Y73 Luminaires and Lamps

- A new clause 2305 has been added containing requirements for circuit protection / switchgear in exterior lighting column service compartments. This supports a change to V41 clause 273.070 for the same purpose.

Pipework Workmanship Clauses – Y10 and Part 2 Clauses (for steam, condensate and pre-insulated underground pipe systems)

- Collar and wrap types of intumescent plastic pipe closer added to 210.080
- Text added to 210.120 to clarify when Y10:8070 is applicable (underground fuel oil systems).
- 210.130 re-named – now covers steam and condensate only and references B&ES TR20 Part 8 and CIBSE TM58
- Y10:9020# and Y10:9020B significantly amended in line with guidance in CIBSE TM58 and Y10:9020A deleted.
- New clause 210.140 added covering underground and buried pipes.
- New clause 210.150 added to cover miscellaneous workmanship not addressed in other clauses.
- Y10:9060#, Y10:9060A and Y10:9060C amended to clarify types of thermally insulated underground pipelines.
- Y10:9060B deleted (was for very old standard for underground steel pipes with air gap insulation).
- New Clause Y10:9060D added for bonded flexible pipe systems with metal service pipes to BS EN 15632-4

Fire Stopping of Services Passing Through Apertures – Y10 and Part 2 Clauses (pipes); Y60, Y61 and Y63 (conduit / trunking, cables and cable support components)

- Text added to Part 2 clauses 210.010, 260.010, 261.010, and 263.010 for proprietary penetration seal system for fire stopping of services apertures.
- Clause guidance added to above clauses with detail of example manufacturer's system for fire stopping of penetrations using coated mineral wool strips combined with intumescent sealant.

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Section 3 Schedules

Below is a summary of the new schedules and the enhanced, existing schedules in Excel that can be activated by clicking on the links from NES clauses.

Some guidance has been incorporated into many of the schedules in the form of "comments" that are displayed when hovering over certain cells.

Legend	Form	Front sheet Landscape, secondary sheets		Type	
		Portrait (L/P)		New	N
		Landscape single sheet (L)		Enhanced/ Updated	U
Portrait (P)					
Section	Schedule Name	Form	Type	Notes	
S11/S12	Gas water heaters	L	U	Complete update for a detailed performance specification including condensing and non-condensing types / sequence control of multiple units. Notes for compliance with B Regs AD G3 included	
S11/S12	Elect water heaters	L	U	Complete update for a detailed performance specification including instantaneous single and multi-point types and vented and unvented storage types. Notes for compliance with B Regs AD G3 included	

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Section 4 Detail changes to reference documents

Work Section	Reference Document - Current	Status of Current Reference	Reference Document – New
A31, A64		Amendment 1	BS 1192:2007+A1:2015 Collaborative production of architectural, engineering and construction information. Code of practice.
B20, N11, N13, S10, S11, S12, S13, S17, S20, S21, Y11, Y25	BS 8558:2011 Guide to the design, installation, testing and maintenance of services supplying water for domestic use within buildings and their curtilages. Complementary guidance to BS EN 806	Superseded	BS 8558:2015 Guide to the design, installation, testing and maintenance of services supplying water for domestic use within buildings and their curtilages. Complementary guidance to BS EN 806
	BS 6700:2006+A1:2009 Design, installation, testing and maintenance of services supplying water for domestic use within buildings and their curtilages Specification		
B20, N11, S32		New addition	BS EN 14800:2007 Corrugated safety metal hose assemblies for the connection of domestic appliances using gaseous fuels
B20, N13, R11, R19		Amendment 1	BS EN 997:2012+A1:2015 WC pans and WC suites with integral trap
B20, S11, S12	BS EN 13203-1:2006 Gas-fired domestic appliances producing hot water. Appliances not exceeding 70 kW heat input and 300 l water storage capacity. Assessment of performance of hot water deliveries	Superseded	BS EN 13203-1:2015 Gas fired domestic appliances producing hot water. Assessment of performance of hot water deliveries
B20, S63	BS 9991:2011 Fire safety in the design, management and use of residential buildings. Code of practice	Superseded	BS 9991:2015 Fire safety in the design, management and use of residential buildings. Code of practice
B20, T19, V13, V14, V90, V91, V92, W51, W52, W53, W56, X22, Y62, Y80		Amendment 1	BS 7430:2011+A1:2015 Code of practice for protective earthing of electrical installations
B20, T41, T69, U19, U39, V90, V91, V92, X22, Y40, Y41, Y43, Y44, Y46, Y50, Y60, Y63, Y71, Z Part 2	BS EN 10326:2004 Continuously hot-dip coated strip and sheet of structural steels. Technical delivery conditions	Superseded	BS EN 10346:2015 Continuously hot-dip coated steel flat products for cold forming. Technical delivery conditions
B20, V90		Amendment 2	BS EN 62080:2009+A2:2015 Sound signalling devices for household and similar purposes

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Section 4

Detail changes to reference documents

N11	BS EN 60335-2-5:2003+A12:2012 Household and similar electrical appliances. Safety. Particular requirements for dishwashers	Superseded	BS EN 60335-2-5:2015 Household and similar electrical appliances. Safety. Particular requirements for dishwashers
N11	BS EN 60335-2-15:2002+A11:2012 Household and similar electrical appliances. Safety. Particular requirements for appliances for heating liquids	Superseded	BS EN 60335-2-15:2016 Household and similar electrical appliances. Safety. Particular requirements for appliances for heating liquids
N11, N12		Amendment 1	BS EN 60335-2-25:2012+A1:2015 Household and similar electrical appliances. Safety. Particular requirements for microwave ovens, including combination microwave ovens
N11, N13	BS EN 13310:2003 Kitchen sinks. Functional requirements and test methods	Superseded	BS EN 13310:2015 Kitchen sinks. Functional requirements and test methods
S11, S12, V51		New addition	BS EN 50193-1:2013 Electric instantaneous water heaters. General requirements
S32, T32		New addition	GIS/PL2-4 Specification for polyethylene pipes and fittings for natural gas and suitable manufactured gas. Part 4: Fusion fittings with integral heating element(s)
S32, T32		New addition	GIS/PL2-6 Specification for polyethylene pipes and fittings for natural gas and suitable manufactured gas. Part 6: Spigot end fittings for electrofusion and/or butt fusion purposes.
S32, T32		New addition	GIS/PL2-8 Specification for polyethylene pipes and fittings for natural gas and suitable manufactured gas. Part 8: Pipes for use at pressures up to 7 bar.
S32, T32		New addition	GIS/PL3 Specification for self-anchoring mechanical fittings/joints for polyethylene(PE) pipe for natural gas and suitable manufactured gas
S32, T32		New addition	GIS/V7-2 Distribution Valves. Part 2: Plastics bodied valves of sizes up to and including 180 mm suitable for operation at pressures not exceeding 5.5 bar
S32, T32		New addition	GIS/V7-3 Distribution Valves. Part 3: Brass bodied manually operated ball and taper plug

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			valves not exceeding 5 bar maximum operating pressure.
S34	BS EN ISO 8835-3:2009+A1:2010 Inhalational anaesthesia systems. Transfer and receiving systems of active anaesthetic gas scavenging systems	Superseded	BS EN ISO 80601-2-13:2012 Medical electrical equipment. Particular requirements for basic safety and essential performance of an anaesthetic workstation
S63	BS EN 12845:2004+A2:2009 Fixed firefighting systems. Automatic sprinkler systems. Design, installation and maintenance	Superseded	BS EN 12845:2015 Fixed firefighting systems. Automatic sprinkler systems. Design, installation and maintenance
T16	BS EN 14961-4:2011 Solid biofuels. Fuel specifications and classes. Wood chips for non-industrial use	Superseded	BS EN ISO 17225-4:2014 Solid biofuels. Fuel specifications and classes. Graded wood chips
T19	BS EN 764-1:2004 Pressure equipment. Terminology. Pressure, temperature, volume, nominal size	Superseded	BS EN 764-1:2015 Pressure equipment. Vocabulary
	BS EN 764-3:2002 Pressure equipment. Definition of parties involved		
T32, U19, U39, Y11, Z Part 2	BS EN 1171:2002 Industrial valves. Cast iron gate valves	Superseded	BS EN 1171:2015 Industrial valves. Cast iron gate valves
T32, T69, Y11		New addition	BS ISO 15348:2002 Pipework. Metal bellows expansion joints. General
T71	BS EN ISO 9000:2005 Quality management systems. Fundamentals and vocabulary	Superseded	BS EN ISO 9000:2015 Quality management systems. Fundamentals and vocabulary
V31, V32, V90, V91, V92, W69, X22, Y71, Y72, Y74		Amendment 2	BS EN 60947-3:2009+A2:2015 Low-voltage switchgear and controlgear. Switches, disconnectors, switch-disconnectors and fuse-combination units
V90, V91, V92, X22		Amendment 11	BS EN 61008-1:2012+A11:2015 Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs). General rules
V90, V91, V92, Y61, Y63	BS EN 61914:2009 Cable cleats for electrical installations	Superseded	BS EN 61914:2016 Cable cleats for electrical installations
V91, W70	PD IEC/TR 62627-01:2010 Fibre optic interconnecting devices and passive components. Fibre optic connector cleaning methods	Superseded	PD IEC/TR 62627-01:2016 Fibre optic interconnecting devices and passive components. Fibre optic connector cleaning methods
V92, W12	BS EN 60118-4:2006 Electroacoustics. Hearing aids. Induction loop systems for hearing aid purposes. Magnetic field strength	Superseded	BS EN 60118-4:2015 Electroacoustics. Hearing aids. Induction-loop systems for hearing aid purposes. System performance requirements

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V92, W40	BS EN 60335-2-103:2003 Household and similar electrical appliances. Safety. Particular requirements for drives for gates, doors and windows	Superseded	BS EN 60335-2-103:2015 Household and similar electrical appliances. Safety. Particular requirements for drives for gates, doors and windows
V92, W40, W50		New addition	BS EN 14637:2007 Building hardware. Electrically controlled hold-open systems for fire/smoke door assemblies. Requirements, test methods, application and maintenance
W21, W42		New addition	BS EN 29241-2:1993, ISO 9241-1:1992 Ergonomic requirements for office work with visual display terminals (VDTs). Guidance on task requirements
W22		Amendment 1	BS EN 62560:2012+A1:2015 Self-ballasted LED-lamps for general lighting services by voltage 50V. Safety specifications
W22		New addition	BS EN 62612:2013 Self-ballasted LED lamps for general lighting services with supply voltages 50V. Performance requirements
W60, W69, Y61		Amendment 1	BS EN 50160:2010+A1:2015 Voltage characteristics of electricity supplied by public electricity networks
Y71	BS EN 60143-3:1998, IEC 60143-3:1998 Series capacitors for power systems. Internal fuses	Superseded	BS EN 60143-3:2015 Series capacitors for power systems. Internal fuses
Z part 2		New addition	BS EN 1363-1:2012 Fire resistance tests. General requirements
Z part 2		New addition	BS EN 1366-3:2009 Fire resistance tests for service installations. Penetration seals
Z Part 2		New addition	BS EN 1366-4:2006+A1:2010 Fire resistance tests for service installations. Linear joint seals
Z Part 2	BS EN 1610:1998 Construction and testing of drains and sewers	Superseded	BS EN 1610:2015 Construction and testing of drains and sewers