

PRODUCT

COMPLIANCE UPDATE

2021 Issue 1

Keep up to date with changes to standards and legislation that has an impact on your products

What's in this issue?

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November 2020

December 2020

January 2021

February 2021

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Headlines

Standards being withdrawn (see standards watch)

within 1 year:	European Standards	9 standards
	Other Standards	none identified
within 2 years:	European Standards	6 standards
	Other Standards	none identified

Disclaimer:

This document is provided for information purposes only and does not replace the need to obtain further independent advice and/or to instruct/appoint a notified or competent body or person(s) to carry out further investigation and/or testing. National and International Regulations are constantly changing and evolving. Accordingly, no warranty is given, nor is any term or condition to be implied, that the information provided in this document is accurate and that it eliminates the need for seeking further advice or investigation.

November 2019



Standards Watch

Changes to standards and EU Directives that impact on product compliance



European standards being withdrawn

European harmonised standards are regularly updated!! Care should be taken to make sure product compliance is kept up to date. The following standards are being withdrawn, at which time they will no longer provide a presumption of conformity for CE marking or UKCA marking:

Within 12 months

Date	Old standard	Subject	New standard
27 May 2021	EN 61010-2-201:2013	LVD	EN IEC 61010-2-201:2018
31 Aug 2021	ETSI EN 301 489-1 V2.1.1	EMC	ETSI EN 301 489-1 V2.2.3
14 Sep 2021	EN 60204-1:2006 + A1:2009	Machinery	EN 60204-1:2018
31 Oct 2021	ETSI EN 300 328 V2.1.1	Radio	ETSI EN 300 328 V2.2.2
18 Nov 2021	EN 50581:2012	RoHS	EN IEC 63000:2018
14 Jan 2020	EN 62474:2012	RoHS	EN IEC 62474:2019
22 Feb 2022	EN 61010-1:2010	LVD	EN 61010-1:2010 + A1:2019
	EN 61000-6-1:2007	EMC	EN IEC 61000-6-1:2019
	EN 61000-6-2:2005		EN IEC 61000-6-2:2019

Within 2 years

Date	Old standard	Subject	New standard
01 Mar 2022	EN 61000-3-2:2014	EMC	EN IEC 61000-3-2:2019
12 Apr 2022	EN 60730-1:2011	LVD	EN 60730-1:2016 + A1:2019
	EN 60730-1:2016		
20 Sep 2022	EN 61000-6-4:2007+A1:2011	EMC	EN IEC 61000-6-4:2019
26 Nov 2022	EN 62430:2009	Eco Design	EN IEC 62430:2019
27 Nov 2022	EN 55011:2016 + A1:2017	EMC	EN 55011:2016 + A11:2020

Note: Expiry dates are those in the standards, and may be different to the dates in the OJEU

Recognised Standards

Key standards supporting conformity declarations



UK (GB) Designated Standards

Published on the GOV.UK website and giving presumption of conformity with the essential requirements of the relevant Regulations.

<https://www.gov.uk/guidance/designated-standards>

Regulation	Original list		Amendments	
	Ref	Date	Ref	Date
Electromagnetic Compatibility Regulations	0007/21	01 Jan 2021		
Electrical Equipment (Safety) Regulations	0009/21	01 Jan 2021		
Radio Equipment Regulations	0010/21	01 Jan 2021		
Supply of Machinery (Safety) Regulations	0015/21	01 Jan 2021		
Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations	0037/21	01 Jan 2021		



EU Harmonised Standards

Published in the Official Journal of the EU and giving presumption of conformity with the essential requirements of the relevant Directive.

Directive	Original list		Amendments	
	OJEU Ref	Date	OJEU Ref	Date
EMC	2018/C 246/01	06 Aug 2019	(EU) 2019/1326	08 Aug 2019
			(EU) 2020/660	15 May 2020
			(EU) 2020/1630	03 Nov 2020
LVD	2018/C 326/02	14 Sep 2018	(EU) 2019/1956	27 Nov 2019
RED	2018/C 326/04	14 Sep 2018	(EU) 2020/167	06 Feb 2020
			(EU) 2020/553	21 Apr 2020
Machinery Directive	2018/C 092/01	09 Mar 2028	(EU) 2019/436	19 Mar 2019
RoHS Directive	2012/C 363/05	23 Nov 2012	(EU) 2020/659	15 May 2020

Did you know?

A reminder of things that already exist that may still be of use



Material Efficiency Standards - EN 45550 to EN 45559

This group of standards are general in nature and describe or define fundamental principles, concepts, terminology or technical characteristics to be used when producing product, or product-group, standards. They were developed to support the Energy Related Products Directive, ([2009/125/EC](#)).

Topics covered relate to the material efficiency aspects of a product, including:

- a) Extending product lifetime;
- b) Ability to reuse components or recycle materials from products at end-of-life;
- c) Use of reused components and/or recycled materials in products.

The standards are:

<i>Reference</i>	<i>Title</i>
PD CLC/TR 45550:2020	Definitions related to material efficiency
BS EN 45552:2020	General method for the assessment of the durability of energy-related products
BS EN 45553:2020	General method for the assessment of the ability to remanufacture energy-related products
BS EN 45554:2020	General methods for the assessment of the ability to repair, reuse and upgrade energy-related products
BS EN 45555:2019	General methods for assessing the recyclability and recoverability of energy-related products
BS EN 45556:2019	General method for assessing the proportion of reused components in energy-related products
BS EN 45557:2020	General method for assessing the proportion of recycled material content in energy-related products
BS EN 45558:2019	General method to declare the use of critical raw materials in energy-related products
BS EN 45559:2019	Methods for providing information relating to material efficiency aspects of energy-related products

ECHA

Information from the European Chemicals Agency



ECHA Newsletters

A quarterly newsletter from the European Chemicals Agency.

- [Issue 2, May 2019](#)
- [Issue 3, September 2019](#)
- [Issue 4, November 2019](#)
- [Issue 1, February 2020](#)
- [Issue 2, May 2020](#)
- [Issue 3 September 2020](#)

Brexit



UKCA Statutory Instruments – how many amendments??

There have been many amendments to UK Statutory Instruments to implement changes necessary for Brexit. Below are two categories of UK legislation that have been changed and will affect us:

Product Safety and Metrology Legislation

- [**The Supply of Machinery \(Safety\) Regulations 2008**](#)
- [**The Electromagnetic Compatibility Regulations 2016**](#)
- [**The Electrical Equipment \(Safety\) Regulations 2016**](#)
- [**The Radio Equipment Regulations 2017**](#)

Are amended by:

- **The Product Safety and Metrology etc (Amendment etc) (EU Exit) Regulations 2019 ([SI 2019/696](#))**,
(This was the big one, (620 pages), addressing the main changes needed to extract all references to the EU and EU organisations from the UK legislation), as amended by:
 - **the Product Safety, Metrology and Mutual Recognition Agreement (Amendment) (EU Exit) Regulations 2019 ([SI 2019/1246](#))**,
(amongst other things this re-added recognition of Switzerland alongside the EU and EFTA)
 - **the Product Safety and Metrology etc. (Amendment to Extent and Meaning of Market) (EU Exit) Regulations 2020 ([SI 2020/676](#))**,
(correcting references: “EU market” to “market of Great Britain”, and “United Kingdom market” to “market of Great Britain”)
 - **the Product Safety and Metrology (Amendment) (EU Exit) Regulations 2020 ([SI 2020/852](#))**
(clarification where “exit day” is replaced by “IP completion day”)
 - **the Product Safety and Metrology etc. (Amendment etc.) (UK(NI) Indication) (EU Exit) Regulations 2020 ([SI 2020/1460](#))**
(introducing the UKNI mark, and use of UK notified bodies)

REACH Legislation

- [**The REACH Enforcement Regulations 2008**](#)

Is amended by

- **The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 ([SI 2019/758](#))**
(the main changes needed to extract all references to the EU from the UK legislation)
- **The REACH etc. (Amendment etc.) (EU Exit) (No. 2) Regulations 2019 ([SI 2019/858](#))**
(minor amendments)
- **The REACH etc. (Amendment etc.) (EU Exit) (No. 3) Regulations 2019 ([SI 2019/1144](#))**
(amending fixed date deadlines so that they are, instead, relative to exit day)
- **The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 ([SI 2020/1577](#))**
(correcting references to “United Kingdom” to “Great Britain”, and recognising the NI Protocol)

New Standards



National and international standards of interest, published or started development, notified in recent months by BSI in their publication “Update Standards”.

November 2020

BS EN 55016-1-5:2015 + A1:2017	Specification for radio disturbance and immunity measuring apparatus and methods. Radio disturbance and immunity measuring apparatus. Antenna calibration sites and reference test sites for 5 MHz to 18 GHz
BS EN 55016-2-1:2014 + A1:2017	Specification for radio disturbance and immunity measuring apparatus and methods. Methods of measurement of disturbances and immunity. Conducted disturbance measurements

December 2020

BS IEC/IEEE 62209-1528 : 2020	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices. Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)
BS IEC/IEEE 62704-3:2017	Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz. Specific requirements for using the finite difference time domain (FDTD) method for SAR calculations of mobile phones
BS EN ISO 14040:2006 + A1:2020	Environmental management. Life cycle assessment. Principles and framework

January 2021

BS 8950:2020	Social value. Understanding and enhancing. Guide
BS ISO 56005:2020	Innovation management. Tools and methods for intellectual property management. Guidance
BS EN 55032:2015+A1:2020	Electromagnetic compatibility of multimedia equipment. Emission requirements

February 2021

BS EN 55032:2015+A1:2020 Ex Comm	Expert Commentary for BS EN 55032:2015+A1:2020. Electromagnetic compatibility of multimedia equipment. Emission Requirements
BS ISO 14009:2020	Environmental management systems. Guidelines for incorporating material circulation in design and development
PD CLC/TR 45550:2020	Definitions related to material efficiency
PD ISO/PAS 45005:2020	Occupational health and safety management. General guidelines for safe working during the COVID-19 pandemic

Compliance Calendar



What's happening in the Compliance world in the next few months

January 2021

MON	TUE	WED	THU	FRI	SAT	SUN
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February 2021

MON	TUE	WED	THU	FRI	SAT	SUN
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

March 2021

MON	TUE	WED	THU	FRI	SAT	SUN
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April 2021

MON	TUE	WED	THU	FRI	SAT	SUN
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		