

# PRODUCT COMPLIANCE UPDATE

2020 Issue 1

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## Headlines

### New Harmonised Standards lists published in the OJEU:

#### Radio Equipment Directive, (2014/53/EU)

Latest publication, 6<sup>th</sup> February 2020: see [\(EU\) 2020/167](#)

### The New New New Brexit Clock



Tue 31 January 2020



### Standards being withdrawn (see standards watch)

- **within 1 year**
  - European Standards 6 standards
  - Other Standards none identified
- **within 2 years**
  - European Standards 8 standards
  - Other Standards 3 standards

**Note:** Where references are made to expiry dates these are the dates published in the standards, and not necessarily the dates published in the OJEU

#### 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## European standards being withdrawn

The following standards are being withdrawn, at which time they will no longer provide a presumption of conformity for CE marking:

### Within 12 months

Date	Old standard	Subject	New standard
21 Apr 2020	EN 55011:2016	EMC	EN 55011:2016 + A1:2017
28 Apr 2020	EN 55014-1:06+A1:09+A2:11		EN 55014-1:2017
22 Jun 2020	EN 61000-4-11:2004		EN 61000-4-11:04 + A1:17
17 Aug 2020	EN 62321-4:2014	RoHS	EN 62321-4:14 + A1:17
08 Sep 2020	EN 61000-4-5:2014	EMC	EN 61000-4-5:04 + A1:17
20 Dec 2020	EN 60950-1:2006 +A2:2013	LVD	EN 62368-1:2014 + A11:2017
	EN 60065:2014 + A2:2014		

### Within 2 years

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
31 Oct 2021	ETSI EN 300 328 V2.1.1	Radio	ETSI EN 300 328 V2.2.2
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

European harmonised standards are regularly updated

Care should be taken to make sure product compliance is kept up to date

## Lists of European Harmonised Standards

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

Further information:



Directive	OJEU "C" series		OJEU "L" series	
	OJEU Ref	Date	OJEU Ref	Date
<a href="#">EMC</a>	<a href="#">2018/C 246/01</a>	06 Aug 2019	<a href="#">(EU) 2019/1326</a>	08 Aug 2019
<a href="#">LVD</a>	<a href="#">2018/C 326/02</a>	14 Sep 2018	<a href="#">(EU) 2019/1956</a>	27 Nov 2019
<a href="#">RED</a>	<a href="#">2018/C 326/04</a>	14 Sep 2018	<a href="#">(EU) 2020/167</a>	06 Feb 2020
<a href="#">Machinery Directive</a>	<a href="#">2018/C 092/01</a>	09 Mar 2028	<a href="#">(EU) 2019/436</a>	19 Mar 2019
<a href="#">RoHS Directive</a>	<a href="#">2012/C 363/05</a>	23 Nov 2012		

# Update on Harmonised Standards Lists

What's changed in the recent lists published in the OJEU

## Radio Equipment Directive ([2014/53/EU](#))

There has been one publication since the 2019 Issue 6 newsletter

Last full list published: [2018/C 326/04](#) 14 Sep 2018

Details of changes: [\(EU\) 2020/167](#) 06 Feb 2020

Article	Purpose	No of standards
1	harmonised standards added	<b>3</b>
2	harmonised standards added (with restrictions)	<b>3</b>
3	harmonised standards to be removed	<b>7</b>

**Note:** [EN 300 328 V2.1.1](#), "Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques", is being withdrawn on **6<sup>th</sup> August 2021**, and replaced by [EN 300 328 V2.2.2](#).

## Sustainability

There have been two significant standards published recently supporting Sustainability and Product Eco Design



### BS EN IEC 62430:2019

*“Environmentally conscious design (ECD). Principles, requirements and guidance”*

This edition includes the following significant technical changes with respect to the previous edition:

- a) Scope is extended from electrotechnical product and systems to all products including services.
- b) As a consequence of the scope expansion, non-electrotechnical products, services in particular, are taken into account to modify requirements.
- c) Clause 6 is added as a guidance.

The main purpose of this document is to set requirements and give guidance on how an organization can integrate environmentally conscious design (ECD) into their design and development.

It is not a product standard and so does not describe requirements that apply to individual products, or a series of products.

This document uses the term ECD but other terminology used worldwide with the same meaning includes ecodesign, design for environment (DFE), green design and environmentally sustainable design.

**BS EN IEC 62430:2019 is available to nominated Design Centres through our BSOL subscription.**



### BS EN ISO 14006:2020

*“Environmental management systems. Guidelines for incorporating ecodesign”*

This second edition cancels and replaces the first edition (ISO 14006:2011), which has been technically revised. The main changes compared with the previous edition are as follows:

- Clause 6, which covered ecodesign at an operational level, has been deleted due to the development of IEC 62430:2019 (however, the basic information has been retained in a new Annex C);
- the structure has been adapted to ISO 14001:2015;
- the boxes related to ISO 14001 and ISO 9001 have been removed;
- text has been added to address management issues related to the outsourcing of ecodesign;
- a new Clause 11 covering management issues associated with setting ecodesign has been added.

**BS EN ISO 14006:2020 is available to nominated Design Centres through our BSOL subscription.**



### 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](#)

## New Standards Published

National and international standards of interest published in recent months

### January 2020

BS 8624:2019	Continual improvement. Methods for quantification. Guide
BS EN IEC 62209-3:2019	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. Vector measurement-based systems (Frequency range of 600 MHz to 6 GHz)
BS EN 61000-3-3:2013 + A1:2019 – TC	<b>[Tracked Changes]</b> Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public lowvoltage supply systems, for equipment with rated current $\leq 16$ A per phase and not subject to conditional connection
PD IEC TR 60825-5:2019	Safety of laser products. Manufacturers checklist for IEC 60825-1
EN IEC 62209-3:2019	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. Vector measurement-based systems (Frequency range of 600 MHz to 6 GHz)
ISO 14002-1:2019	Environmental management systems. Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area. General

### February 2020

BS EN 61000-3-3:2013 + A1:2019	Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16$ A per phase and not subject to conditional connection
BS 8888:2020	Technical product documentation and specification
BS EN IEC 62430:2019	Environmentally conscious design (ECD). Principles, requirements and guidance
BS EN ISO 14005:2019	Environmental management systems. Guidelines for a flexible approach to phased implementation
BS EN ISO 14971:2019	Medical devices. Application of risk management to medical devices
BS ISO 5725-2:2019	Accuracy (trueness and precision) of measurement methods and results. Basic method for the determination of repeatability and reproducibility of a standard measurement method
BS ISO 8000-63:2019	Data quality. Data quality management: Process measurement
BS ISO 10015:2019	Quality management. Guidelines for competence management and people development
BS ISO 14002-1:2019	Environmental management systems. Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area. General
PD 5304:2019	Guidance on safe use of machinery
BSISO 45001:2018 + BS 45002-0:2018	Occupational health and safety management systems. Requirements with guidance for use. General guidelines for the application of ISO 45001

# Compliance Calendar

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

## January 2020

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 A		

A Brexit transition period starts

## February 2020

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	

## March 2020

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 2020

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 A	22	23	24	25	26
27	28	29	30			

A New EMC Directive standard must be used:

- EN 55011:2016 + A1:2017, (replaces EN 55011:2016)