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*August 2017*

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## Headlines

**UK Radio Equipment Regulations 2017**

The UK has conducted a consultation on the UK implementation of the Radio Equipment Directive

**New Harmonised Standards list published in the OJEU for:****Radio Equipment Directive, (2014/53/EU)**

Latest publication, 14<sup>th</sup> July 2017: see [2017/C 229/02](#)

**General Product Safety Directive, (2001/95/EC)**

Latest publication, 8<sup>th</sup> August 2017: see [2017/C 267/03](#)

**Standards being withdrawn (see standards watch)**

- **within 1 year**
  - European Standards 4 standards
  - Other Standards 1 standards
- **within 2 years**
  - European Standards 6 standards
  - Other Standards 0 standards

**If you want to know more, contact us**

# Standards Watch

Changes to standards and EU Directives that impact on product compliance



European harmonised standards are regularly updated  
Care should be taken to make sure product compliance is kept up to date

## European standards being withdrawn

The following standards are being withdrawn, at which time they will no longer provide a presumption of conformity for CE marking: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
17 Nov 2017	EN 60065:2002 + A12:11	LVD	EN 60065:2014
25 Mar 2018	EN 55014:1997 + A2:08	EMC	EN 55014:2015
05 May 2018	EN 55032:2012		EN 55032:2015
31 Jul 2018	EN 62061:2005 + A1:2013	Machinery	EN 62061:2005 + A2:15

### Within 2 years

Date	Old standard	Subject	New standard
15 Sep 2018	EN ISO 9001:2008	Quality Systems	EN ISO 9001:2015
	EN ISO 14001:2004		EN ISO 14001:2015
31 Oct 2018	ETSI EN 301 489-1 V1.9.2	EMC	ETSI EN 301 489-1 V2.1.1
	ETSI EN 301 489-17 V2.2.1		ETSI EN 301 489-17 V3.1.1
15 Feb 2019	EN 55011:2009 + A1:2010		EN 55011:2016
20 Jun 2019	EN 60950:2006 + A2:2013	LVD	EN 62368-1:2014

## Other standards being withdrawn

### Within 12 months

Date	Old standard	Country	New standard
01 Jan 2018	UL 61010-1 2nd Edition	USA	UL 61010-1 3rd Edition

### Within 2 years

Date	Old standard	Country	New standard

## 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 Ref	Date
<u>EMC</u>	<a href="#">2016/C 293/03</a>	12 Aug 2016
<u>LVD</u>	<a href="#">2016/C 249/03</a>	08 Jul 2016
<u>Radio Equipment Directive</u>	<a href="#">2017/C 229/02</a>	14 Jul 2017
<u>Medical Devices Directive</u>	<a href="#">2016/C 173/03</a>	13 May 2016
<u>Active implantable medical devices</u>	<a href="#">2016/C 173/02</a>	13 May 2016
<u>In vitro diagnostic medical devices</u>	<a href="#">2016/C 173/04</a>	13 May 2016
<u>(+ Corrigenda)</u>	<a href="#">2016/C 249/05</a>	08 Jul 2016
<u>Machinery Directive</u>	<a href="#">2017/C 183/02</a>	09 Jun 2017
<u>RoHS Directive</u>	<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 2017 Issue 3 newsletter:

- 14<sup>th</sup> July 2017 [2017/C 229/02](#) 2 standards added

This brings the total number of standards harmonised under the RED to 142 (still no safety or EMC standards in this list)



### General Product Safety Directive, ([2001/95/EC](#))

There has been one publication since the 2017 Issue 3 newsletter:

- 8<sup>th</sup> August 2017 [2017/C 267/03](#) 2 standards added, ie

#### **EN 13209-2:2015 (new)**

Child use and care articles - Baby carriers - Safety requirements and test methods - Part 2: Soft carrier

#### **EN 13869:2016 (new)**

Lighters - Child safety requirements for lighters - Safety requirements and test methods

Note : this list includes EN 60065:2002 and EN 60950-1:2006 "concerning protection against excessive sound pressure from personal music players", but doesn't include EN 62368-1:2014.

## Radio Equipment Directive

(see [http://ec.europa.eu/growth/sectors/electrical-engineering/red-directive\\_en](http://ec.europa.eu/growth/sectors/electrical-engineering/red-directive_en))



### Frequently Asked Questions

All your questions answered, (or not), about the new Radio Equipment Directive (2014/53/EU).

(see <https://ec.europa.eu/docsroom/documents/24921/attachments/1/translations/en/renditions/native>)

Published by the EU it addresses questions like:

- What is the objective of the RE-D?
- Which equipment falls within the scope of RE-D?
- When does the RE-D start applying?
- What happens to the equipment which is already on the market but has not been sold to the end user yet?
- Will the EU withdraw radio equipment from the market because of the change of legislation from R&TTED to RE-D?
- What are harmonised standards for?
- Can manufacturers apply draft standards or other specifications that have not been published as harmonised standards?
- Is there any guidance on the application of the RE-D?
- Can manufacturers use harmonised standards of the R&TTE to demonstrate compliance with the RED?

## UK Legislation



### The Radio Equipment Regulations 2017

The UK consultation on the draft UK regulations ran from 14 July 2017 to 14 August 2017, and sought views from stakeholders about 3 key areas of the proposed implementation:

- UK Draft Regulations to implement the Directive
- Enforcement of the UK Regulations
- The UK Impact Assessment on the Regulations

The feedback from this consultation is still being analysed.

## EMC Compliance in the USA

A basic introduction to the EMC legislation in the USA



### Code of Federal Regulations

Electronic products operated or marketed in the USA **must comply** with the following legislation – **unless specifically exempted**.

#### **Title 47 (Telecommunication) Chapter I (Federal Communications Commission) Subchapter A (General) Part 15 (Radio Frequency Devices)**

Three common categories of product are:

#### 1. Mechanical product – no electrical components

- Out of scope
- No action required

#### 2. Electrical/Electronic product – no radio function

- Product is an “unintentional radiator”
- There are allowed exemptions!! however, this legislation includes the following statement:  
*“Although not mandatory, it is strongly recommended that the manufacturer of an exempted device endeavor to have the device meet the specific technical standards in this part”*

So some testing would be prudent to ensure products could comply

- **Subpart B applicable**, (often referred to as “FCC Part 15b”)
- Testing at an FCC approved laboratory is not mandatory
- No FCC identification marking required on the product

#### 3. Electrical/Electronic product – with radio function

- In scope
- Product is an “intentional radiator”
- **Subpart C applicable**, (often referred to as “FCC Part 15c”)
- Testing required at an FCC approved laboratory, (unless an FCC approved radio module has been used)
- FCC registration required (unless an FCC approved radio module has been used)
- FCC identification marking required on the product (if an FCC approved radio module has been used this would be the module identification information)

## New Standards

National and international standards of interest published in recent months

### June 2017

Nothing identified

### July 2017

PD ISO/TS 14027:2017

Environmental labels and declarations. Development of product category rules

### August 2017

BS EN ISO 9241-112:2017

Ergonomics of human-system interaction. Principles for the presentation of information

BS EN 55014-1:2017

Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Emission

BS EN 62321-8:2017

Determination of certain substances in electrotechnical products. Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography mass spectrometry using a pyrolyzer/thermal desorption accessory (Py/TD-GC-MS)

BS ISO/IEC 20741:2017

Systems and software engineering. Guideline for the evaluation and selection of software engineering tools

BS ISO 21505:2017

Project, programme and portfolio management. Guidance on governance

BS ISO 21748:2017

Guidance for the use of repeatability, reproducibility and trueness estimates in measurement uncertainty evaluation

# Compliance Calendar

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

## July 2017

*Nothing identified*

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						

## August 2017

*Nothing identified*

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			

## September 2017

*Nothing identified*

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	

## October 2017

*Nothing identified*

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					