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## Headlines

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

The Radio Equipment Directive is now mandatory, (from 13<sup>th</sup> June 2017).

All existing products that:

- were CE marked under the R&TTE Directive, and
- are still being manufactured,

must:

- be re-assessed against the Radio Equipment Directive
- have the Technical Files updated accordingly
- have new Declarations of Conformity showing the RED
- have literature updated to show the new Directive number

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

Two more lists have been published

Latest publication, 8<sup>th</sup> June 2017: see [OJEU 2017/C 180/04](#)

**Machinery Directive, (2006/42/EC)**

Latest publication, 9<sup>th</sup> June 2017: see [OJEU 2017/C 183/02](#)

**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## European standards being withdrawn

The following standards are being withdrawn, at which time they will no longer provide a presumption of conformity for CE marking: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
19 Jun 2017	EN 61000-4-5:2006	EMC	EN 61000-4-5:2014
30 Jun 2017	EN 61000-3-2:06 + A2:09		EN 61000-3-2:2014
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

### Within 2 years

Date	Old standard	Subject	New standard
31 Jul 2018	EN 62061:2005 + A1:2013	Machinery	EN 62061:2005 + A2:15
15 Sep 2018	EN ISO 9001:2008	Quality Systems	EN ISO 9001:2015
15 Sep 2018	EN ISO 14001:2004		EN ISO 14001:2015
15 Feb 2019	EN 55011:2009 + A1:2010	EMC	EN 55011:2016
20 Jun 2019	EN 60950:2006 + A2:2013	LVD	EN 62368-1:2014

## 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.

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>(+ Corrigenda)</u>	<a href="#">2016/C 403/11</a>	01 Nov 2016
<u>R&amp;TTE Directive</u>	<a href="#">2016/C 249/01</a>	08 Jul 2016
<u>(+ Corrigenda)</u>	<a href="#">2016/C 342/15</a>	17 Sep 2016
<u>(+ Corrigenda)</u>	<a href="#">2016/C 403/11</a>	01 Nov 2016
<u>Radio Equipment Directive</u>	<a href="#">2017/C 180/04</a>	08 Jun 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

Further information:



## Changes to dow in EN 62368-1:2014

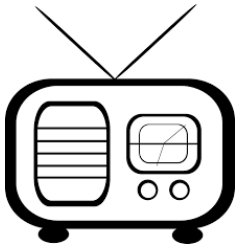
CENELEC have issued a corrigendum to EN 62368-1:2014 delaying the dow by 18 months to 20<sup>th</sup> December 2020

Previously the doc was 20<sup>th</sup> June 2019

Note: this corrigendum has not yet been published in the OJEU

# Update on Harmonised Standards Lists -

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



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

The OJEU publication of standards harmonised under the Radio Equipment Directive continues to be updated every month.

There have been two publications since the 2017 Issue 2 newsletter:

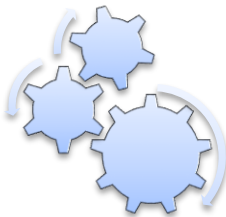
- 12<sup>th</sup> May 2017                      [2017/C 149/02](#)                      11 standards added
- 8th June 2017                        [2017/C 180/04](#)                      29 standards added

This brings the total number of standards harmonised under the RED to 140 (still no safety or EMC standards in this list)

However, of the 29 standards added in June, 21 of them were R&TTE harmonised standards that do not include receiver performance requirements, so the following disclaimer has been added to each of them in the listing:

*“This harmonised standard does not address requirements relating to receiver performance parameters and does not confer a presumption of conformity as regards those parameters.”*

So receiver performance will have to be addressed by other means.



## Machinery Directive ([2006/42/EC](#))

The latest publication in the OJEU of harmonised standards is:

- 9<sup>th</sup> June 2017                        [2017/C 183/02](#)                      26 standards added

This is broken down as:

- B-type standards                      1 standard added
- C-type standards                        25 standards added

# Sustainability



## Restriction of the use of certain hazardous substances (RoHS)

On 16<sup>th</sup> June 2017 the EU published extensions to three exemptions listed in Annex III of the RoHS Directive (2011/65/EU):

reference	exemption	new expiry date
<a href="#">EU 2017/1009</a>	cadmium and lead in filter glasses and glasses used for reflectance standards	21 Jul 2021 21 Jul 2023 21 Jul 2024
<a href="#">EU 2017/1010</a>	lead in bearing shells and bushes for certain refrigerant-containing compressors	21 Jul 2019
<a href="#">EU 2017/1011</a>	lead in white glasses used for optical applications	21 Jul 2021 21 Jul 2023 21 Jul 2024



## EU Conflict Mineral Regulation ([EU/2017/821](#))

The EU Conflict Mineral Regulation is now published in the Official Journal of the EU

- 19<sup>th</sup> May 2017 [2017/L 130/1](#)

*“laying down supply chain due diligence obligations for Union importers of tin, tantalum and tungsten, their ores, and gold originating from conflict-affected and high-risk areas”*

Annex I lists the minerals and metals within the scope of the Regulation, and defines annual import volume thresholds of each of the minerals or metals concerned.

Note: The Regulation **does not apply** to Union importers of minerals or metals where their annual import volume of each of the minerals or metals concerned are below these volume thresholds.

The key obligations will apply from 1<sup>st</sup> January 2021

Key definitions ‘*conflict-affected and high-risk areas*’ means areas in a state of armed conflict or fragile post-conflict as well as areas witnessing weak or non-existent governance and security, such as failed states, and widespread and systematic violations of international law, including human rights abuses;



## Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

The European Chemicals Agency (ECHA) has updated Annex XIV of REACH, assigning sunset dates to 12 new substances of very high concern (SVHCs).

- 14<sup>th</sup> June 2017 [EU/2017/999](#)

entry no.	sunset date	substances of very high concern
32	04 Jul 2020	1-Bromopropane (n-propyl bromide)
33		Diisopentylphthalate
34		1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7 rich
35		1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters
36		1,2-Benzenedicarboxylic acid, dipentylester, branched and linear
37		Bis(2-methoxyethyl) phthalate
38		Dipentylphthalate
39		N-pentyl-isopentylphthalate
40		04 Oct 2020
41	Pitch, coal tar, high temperature	
42	04 Jan 2021	4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated
43		-Nonylphenol, branched and linear, ethoxylated

## New Standards

National and international standards of interest published in recent months

### April 2017

BS EN 50332-3:2017	Sound system equipment: headphones and earphones associated with personal music players. Maximum sound pressure level measurement methodology. Measurement method for sound dose management
PD ISO/IEC GUIDE 46:2017	Comparative testing of consumer products and related services. General principles

### May 2017

BS EN 61000-4-31:2017	Electromagnetic compatibility (EMC). Testing and measurement techniques. AC mains ports broadband conducted disturbance immunity test
BS EN 62827-3:2016	Wireless power transfer. Management. Multiple source control management
PD CLC/TR 50659:2017	Electromagnetic characteristics of linear cable management systems (CMS)
PD IEC GUIDE 118:2017	Inclusion of energy efficiency aspects in electrotechnical publications
PD IEC GUIDE 119:2017	Preparation of energy efficiency publications and the use of basic energy efficiency publications and group energy efficiency publications
PAS 35491:2017	Design and installation of telecommunications and broadcast infrastructure within the home. Code of practice

### June 2017

BS EN 61000-3-2:2006 + A2:2009	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
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# Compliance Calendar

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

## May 2017

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				

## June 2017

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

- A** New Radio Equipment Directive must be used:
  - 2014/53/EU, (*replaces* 1999/5/EC)
- New Radio standards must be used:
  - EN 300 328 V2.2.1, (*replaces* EN 300 328 V1.9.1)
  - EN 301 893 V??.?, (*replaces* EN 301 893 V1.8.1)
- New EMC standards must be used:
  - EN 301 489-1 V2.1.1, (*replaces* EN 301 489-1 V1.9.2)
  - EN 301 489-17 V3.1.1, (*replaces* EN 301 489-17 V2.2.1)
- B** New EMC standard must be used:
  - EN 61000-4-5:2014, (*replaces* EN 61000-4-5:2006)
- C** New EMC standard must be used:
  - EN 61000-3-2:2014, (*replaces* EN 61000-3-2:2006 + A2:2009)

## July 2017

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

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			