

PRODUCT

COMPLIANCE UPDATE

2021 Issue 2

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

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New Standards

March 2021

April 2021

Compliance Calendar



Headlines

Standards being withdrawn (see standards watch)

| | | |
|------------------------|--------------------|-----------------|
| within 1 year: | European Standards | 10 standards |
| | Other Standards | none identified |
| within 2 years: | European Standards | 4 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European standards being withdrawn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 The following standards are being withdrawn, at which time they will no longer provide a presumption of conformity for CE marking or UKCA marking: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 |
| 01 Mar 2022 | EN 61000-3-2:2014 | EMC | EN IEC 61000-3-2:2019 |

Within 2 years

| Date | Old standard | Subject | New standard |
|-------------|------------------------------|------------|--------------------------|
| 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 |
| 03 Mar 2023 | EN 61000-4-11:2004 + A1:2017 | | EN IEC 61000-4-11:2020 |

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



EU Harmonised Standards

“Consolidated lists” of standards published in the Official Journal of the EU, giving presumption of conformity with the essential requirements of the relevant Directive.

| Directive | Consolidated List |
|-------------------------------------|------------------------|
| EMC | [link] |
| LVD | [link] |
| RED | [link] |
| Machinery Directive | [link] |
| RoHS Directive | [link] |



UK (GB) Designated Standards

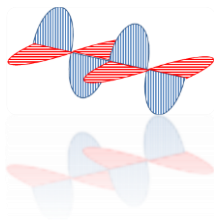
Published on the GOV.UK website and giving presumption of conformity with the essential requirements of the relevant Regulations.

<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 | | |

New Standards

BS EN 55032:2015 + A1:2020



Electromagnetic compatibility of multimedia equipment — Emission Requirements

A1:2020 makes significant changes to BS EN 55032:2015. A number of pieces of work which were seen not to be sufficiently mature when BS EN 55032:2015 was published have now been completed and incorporated in BS EN 55032:2015+A1:2020.

The main changes:

- test methods and limits for measurements above 1 GHz,
- measurements of home satellite receivers and
- the application of measurement uncertainty to compliance assessments.
- new simpler test method for determining the compliance of wired network ports has been introduced.
- latest version of the basic standards have been referenced wherever this is practical

It is expected that EN 55032:2015+A1:2020 will be cited in the OJEU for the EMC Directive.

Note: *EN 55032:2015 is critical to the implementation of ETSI EN 301 489-1, “ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility” – a key standard that is applicable to radio products.*

Brexit

Coming Soon - UKCA Mark Reminder



*Any product that currently has a CE mark must have a UKCA mark to continue to be sold in Great Britain, (ie England Wales and Scotland) from **1st January 2022***

Note: Products can continue to be sold in Northern Ireland with a CE mark

The good news is that the requirements for the UKCA mark were copied from those requirements for CE marking, and on Brexit day the technical requirements were the same for CE marking and UKCA marking, (but this may not always be the case).

The bad news is that Great Britain doesn't accept key certification from EU companies, and the EU will no longer accept key certificates from Great Britain companies.

This means there will be a lot of "duplication" of documents to satisfy both Great Britain and the EU.

So what do you need to do differently to continue to sell in Great Britain?

Well it depends on what you are doing at the moment:

| <i>If at the moment you are doing this</i> | <i>Then from 1st January 2022 (at the latest) you will have to do this</i> |
|---|---|
| CE logo on product | UKCA logo on product |
| EU Notified Body number on product | UK Approved Body number on product |
| EU Declaration of Conformity signed and retained | UK Declaration of Conformity signed and retained |
| Compliance Technical File demonstrates conformity with relevant EU Directives | Compliance Technical File demonstrates conformity with relevant UK Regulations |
| EU Type Examination certificate | UK Type Examination certificate |

There are some new terms that you will have to get used to when talking about the UKCA mark

| <i>EU says</i> | <i>GB says</i> |
|---------------------------------|---------------------------------|
| CE mark | UKCA mark |
| Harmonised standards | Designated standards |
| Notified body | Approved body |
| EU Directive | UK Statutory Instrument |
| EU Type Examination Certificate | UK Type Examination Certificate |
| EU Declaration of Conformity | UK Declaration of Conformity |

New Standards



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

March 2021

| | |
|--|--|
| BS EN 55011 Fragments 4-5 [21/30433682 DC] | Industrial, scientific and medical equipment. Radio-frequency disturbance characteristics. Limits and methods of measurement |
| EN IEC 62474:2019 + A1:2021 | Material declaration for products of and for the electrotechnical industry |
| EN ISO 56000:2021 | Innovation management. Fundamentals and vocabulary |
| EN ISO 56002:2021 | Innovation management. Innovation management system. Guidance |
| EN ISO 56003:2021 | Innovation management. Tools and methods for innovation partnership. Guidance |

April 2021

| | |
|---------------------|--|
| EN ISO 14006:2020 | Environmental management systems. Guidelines for incorporating ecodesign |
| IEC 61000-4-11:2020 | Electromagnetic compatibility (EMC). Testing and measurement techniques. Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase |

Compliance Calendar



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

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 | | |

May 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 A | 28 | 29 | 30 |
| 31 | | | | | | |

A New LVD standard must be used:

- EN IEC 61010-2-201:2018, (replaces EN 61010-2-201:2013)

June 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 | | | | |

July 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 | |