

PRODUCT

COMPLIANCE UPDATE

2018 Issue 1



*Gong Xi Fa Cai
- Happy Chinese
New Year*

This issue:

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Headlines

New Harmonised Standards list published in the OJEU for:

Radio Equipment Directive, (2014/53/EU)

Latest publication, 9th February 2018: see [2018/C 049/03](#)

Standards being withdrawn (see standards watch)

- **within 1 year**
 - European Standards 7 standards
 - Other Standards none identified
- **within 2 years**
 - European Standards 2 standards
 - Other Standards none identified

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European standards being withdrawn

The following standards are being withdrawn, at which time they will no longer provide a presumption of conformity for CE marking: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 |
|-------------|---------------------------|-----------------|---------------------------|
| 25 Mar 2018 | EN 55014-2:1997 + A2:08 | EMC | EN 55014-2:2015 |
| 05 May 2018 | EN 55032:2012 | | EN 55032:2015 |
| 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 |

Within 2 years

| Date | Old standard | Subject | New standard |
|-----------------------------|-------------------------|---------|-----------------|
| 20 Jun 2019 (see Note 1) | EN 60950:2006 + A2:2013 | LVD | EN 62368-1:2014 |
| | EN 60065:2014 + A2:2014 | | |

Note 1: It is proposed to delay this change until 20 Dec 2020, but this has not yet been confirmed by publication in the OJEU.

Other standards being withdrawn

Within 12 months

| Date | Old standard | Country | New standard |
|------|--------------|---------|--------------|
| | | | |

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.

| Directive | OJEU Ref | Date |
|---|-------------------------------|-------------|
| EMC | 2016/C 293/03 | 12 Aug 2016 |
| LVD | 2017/C 298/02 | 08 Sep 2017 |
| Radio Equipment Directive | 2018/C 049/03 | 09 Feb 2018 |
| Medical Devices Directive | 2017/C 389/03 | 17 Nov 2017 |
| Active implantable medical devices | 2017/C 389/02 | 17 Nov 2017 |
| In vitro diagnostic medical devices | 2017/C 389/04 | 17 Nov 2017 |
| Machinery Directive | 2017/C 183/02 | 09 Jun 2017 |
| RoHS Directive | 2012/C 363/05 | 23 Nov 2012 |

Further information:



SUSTAINABILITY



Further information:

 [IEC 62474 database](#)

Declarable Substance List

IEC 62474 Declarable Substance List (DSL) Update – January 2018

On January 15th, 2018, the IEC 62474 Declarable Substance List (DSL) was updated to Version D15.00, coincident with the update to the EU REACH Candidate List. Four of the seven recently added SVHCs were added to the DSL based on their potential presence in EEE products.

Several other updates to declarable substance entries were also made, mostly to align SVHC entries with the substance name / description segmentation implemented in the REACH Candidate List last year.



RoHS – Consultation on exemptions

Consultation on extending expiry dates of exemptions to the RoHS Directive has started. Feedback period: 15 February 2018 - 15 March 2018

| ref | description | link |
|---------|--|---|
| (29) | lead bound in crystal glass as defined in Directive 69/493/EEC | http://ec.europa.eu/info/law/better-regulation/initiatives/ares-2018-884789_en |
| (7c-II) | lead in dielectric ceramic in certain capacitors | http://ec.europa.eu/info/law/better-regulation/initiatives/ares-2018-884994_en |
| (21) | lead and cadmium in printing inks for the application of enamels on glasses | http://ec.europa.eu/info/law/better-regulation/initiatives/ares-2018-885009_en |
| (7c-IV) | lead in PZT based dielectric ceramic materials for certain capacitors | http://ec.europa.eu/info/law/better-regulation/initiatives/ares-2018-884905_en |
| (8b) | cadmium and its compounds in electrical contacts | http://ec.europa.eu/info/law/better-regulation/initiatives/ares-2018-884921_en |
| (37) | lead in the plating layer of certain diodes | http://ec.europa.eu/info/law/better-regulation/initiatives/ares-2018-884948_en |
| (15) | lead in solders to complete a viable electrical connection between semiconductor die and carrier | http://ec.europa.eu/info/law/better-regulation/initiatives/ares-2018-884864_en |
| (32) | lead oxide in seal frit used for making window assemblies for certain laser tubes | http://ec.europa.eu/info/law/better-regulation/initiatives/ares-2018-884978_en |



RoHS – 2018 Review

A new RoHS project (Pack 15) for the review of the list of restricted substances and to assess a new exemption request under Directive 2011/65/EU, has started.

The project is in two parts:

1. Substance Restriction, the existing methodology to identify and assess substances for possible restrictions shall be updated, and an update of the substance inventory shall be performed, as well as the assessment of a number of substances for possible restriction in the future.
2. Exemption Evaluation, a methodology guideline for exemption evaluation shall be compiled and updated and a request for a new exemption shall be evaluated.

For further details please see the [technical specifications](#) and the [project description](#).

This project will run over 18 months and is due to be completed 28 June 2019

New Standards

National and international standards of interest published in recent months

| | | |
|----------------------|------------------------------|---|
| December 2017 | BS EN 50360:2017 | Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear |
| | BS EN 50566:2017 | Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body |
| January 2018 | BS EN 50663:2017 | Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz-300 GHz) |
| | BS EN 50664:2017 | Generic standard to demonstrate the compliance of equipment used by workers with limits on exposure to electromagnetic fields (0 Hz-300 GHz), when put into service or in situ |
| | BS EN 50665:2017 | Generic standard for assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz-300 GHz) |
| | BS EN 55035:2017 | Electromagnetic compatibility of multimedia equipment. Immunity requirements |
| February 2018 | BS EN ISO/IEC 17025:2017 | General requirements for the competence of testing and calibration laboratories |
| | BS EN 50672:2017 | Ecodesign requirements for computers and computer servers |
| | BS ISO 10006:2017 | Quality management. Guidelines for quality management in projects |
| | BS ISO 14026:2017 | Environmental labels and declarations. Principles, requirements and guidelines for communication of footprint information |
| | BS ISO/IEC 14882:2017 | Programming languages. C++ |
| | BS ISO 19809:2017 | Packaging. Accessible design. Information and marking |
| | BS ISO/IEC/IEEE 24748-5:2017 | Systems and software engineering. Life cycle management. Software development planning |
| | BS ISO/IEC/IEEE 26513:2017 | Systems and software engineering. Requirements for testers and reviewers of information for users |

Compliance Calendar

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

January 2018

| MON | TUE | WED | THU | FRI | SAT | SUN |
|--------|-----|-----|-----|---------|-----|-----|
| 1 A | 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 B | 27 | 28 |
| 29 | 30 | 31 | | | | |

A New UL safety standard must be used:

- UL 61010-1 3rd Edition, (replaces UL 61010-1 2nd Edition)

B New LVD standard must be used:

- EN 50156-1:2015, (replaces EN 50156-1:2004)

February 2018

| 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 2018

| 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 A |
| 26 | 27 | 28 | 29 | 30 | 31 | |

A New EMC standard must be used:

- EN 55014-2:2015, (replaces EN 55014-2:97 + A1:01 + A2:08)

April 2018

| 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 | | | | | | |