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New Standards Published

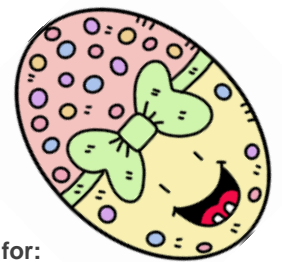
February 2019

March 2019

April 2019

Compliance Calendar

Headlines



New Harmonised Standards lists published in the OJEU for:

There have been no new lists of Harmonised Standards published in the OJEU since the 2019 Issue 1 newsletter.

Standards being withdrawn (see standards watch)

- **within 1 year**
 - European Standards 5 standards
 - Other Standards 3 standards
- **within 2 years**
 - European Standards 3 standards
 - Other Standards 1 standard

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

If you want to know more, contact us

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European standards being withdrawn

The following standards are being withdrawn, at which time they will no longer provide a presumption of conformity for CE marking: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

Within 2 years

Date	Old standard	Subject	New standard
22 Jun 2020	EN 61000-4-11:2004	EMC	EN 61000-4-11:04 + A1:17
17 Aug 202	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

European harmonised standards are regularly updated

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

Other standards being withdrawn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	2018/C 246/01	13 Jul 2018
LVD	2018/C 326/02	14 Sep 2018
Radio Equipment Directive	2018/C 326/04	14 Sep 2018
Machinery Directive	2018/C 092/01	09 Mar 2018
RoHS Directive	2012/C 363/05	23 Nov 2012
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

Further information:



Brexit



No reliable / consistent information to report

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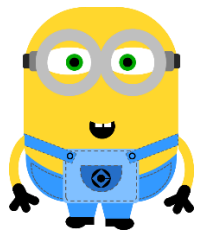


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Good Luck

Guides



How to become an expert with standards

European standards body [ETSI](https://www.etsi.org) (with the support of the European Commission) has developed a set of classroom teaching materials on Information and Communication Technology (ICT) standardisation. The intent is to raise the knowledge level of standardization-related topics among lecturers and students, in particular in the fields of engineering, business administration and law, in higher education.

Called, “**Understanding ICT Standardization: Principles and Practice**”, available free of charge from ETSI:

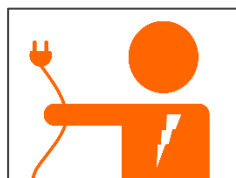
Book https://www.etsi.org/images/files/Education/Understanding_ICT_Standardization_LoResWeb_20190226.pdf

Slide pack https://www.etsi.org/images/files/Education/ETSI_STF-515_slides_consolidated_04032019.pdf

Previous knowledge about standardisation is not essential. You are introduced to the key concepts of standards and standardisation, as well as the procedures required for the production of standardization documents.

Each chapter is self-contained and can be studied independently, and includes real world examples, (also in the book there’s a quiz at the end of each chapter to measure progress).

New / updated Standards – details of changes



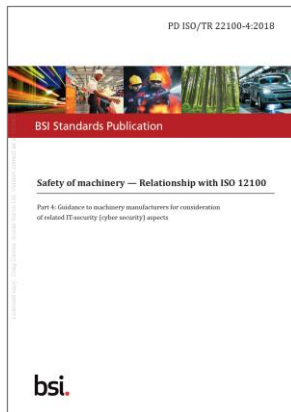
Amendment 1:2019 to EN 61010-1:2010

“Safety requirements for electrical equipment for measurement, control, and laboratory use Part 1: General requirements”

- Will become mandatory on the 22nd February 2020

Key changes

- Symbols are the preferred marking method over warnings.
- Limit voltage values for accessible parts have been brought back to the values of the second edition in subclause 6.3 and Figure 2.
- d.c. is allowed as an alternative for dielectric testing of solid insulation and thin film insulation in mains circuits of overvoltage category II up to 300 V.
- Clearances and creepage distances in mains circuits of overvoltage category III and IV are subjected to dielectric testing in case of doubt.
- 500 VA power requirement of the a.c. dielectric strength test equipment is replaced by a requirement to maintain the test voltage throughout the test.
- Temperature measurements (10.4.1) are made at the least favourable ambient temperature within the RATED ambient temperature range of the
- Subclause 11.6 is renamed to “Equipment RATED with a degree of ingress protection (IP code)”, and revised (now includes complete requirement).
- The test pressures for hydraulic tests in 11.7.2 are revised.
- The requirements for protection against optical radiation are revised. The coverage is increased.
- The requirements for circuits used to limit TRANSIENT OVERVOLTAGES (14.8) are revised.
- In Annex H the test number 1 “Scratch resistance” is removed.



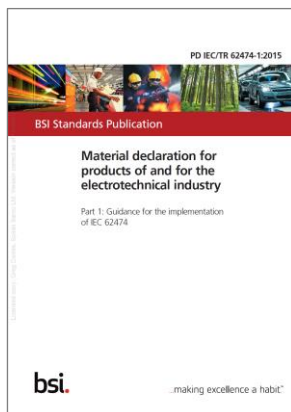
ISO/TR 22100-4:2018

“Safety of machinery — Relationship with ISO 12100 — Part 4: Guidance to machinery manufacturers for consideration of related IT-security (cyber security) aspects”

This document gives machine manufacturers guidance on potential security aspects in relation to safety of machinery when putting a machine into service or placing on the market for the first time. It provides essential information to identify and address IT-security threats which can influence safety of machinery.

This document gives guidance but does not provide detailed specifications on how to address IT-security aspects which can influence safety of machinery.

This document does not address the bypass or defeat of risk reduction measures through physical manipulation.



BS EN IEC 62474:2019

“Material declaration for products of and for the electrotechnical industry”

- Will become mandatory on the 4th January 2022

Key changes

Will replace EN 62474:2012, and includes the following significant changes:

- The material classes and exemption lists capabilities have been improved.
- The introduction and scope have new diagrams and information to give a better overview of the standard and identify what information is mandatory, optional or conditionally mandatory.
- Definitions have been added. Minimum requirements to be in conformance with the IEC 62474 standard are defined.
- Terms have been aligned for consistency throughout the document.
- The annexes have been removed as they are now contained elsewhere.. Annex A is provided for non-XML users as a reference only.

Note: IEC 62474 is made of two parts:

- this document, which contains requirements for material declarations and
- a database containing information such as a declarable substance list (DSL), exemption list and data exchange format.

By fulfilling the requirements of the IEC 62474 standard and based on the information from the IEC 62474 database, two types of declaration can be created:

- a declaration for compliance (ie the information required to determine product compliance with substance regulations and market needs)
- a composition declaration (ie the information required to assess where declarable substances above threshold are contained in the product)

New Standards Published

National and international standards of interest published in recent months

February 2019

BS ISO/IEC/IEEE 26511:2018	Systems and software engineering. Requirements for managers of information for users of systems, software, and services
BS ISO/IEC/IEEE 26515:2018	Systems and software engineering. Developing information for users in an agile environment
PD ISO/TR 22100-4:2018	Safety of machinery. Relationship with ISO 12100. Guidance to machinery manufacturers for consideration of related IT security (cyber security) aspects
BS EN 60335-2-29:2004 + A11:2018	Household and similar electrical appliances. Safety. Particular requirements for battery chargers

March 2019

BS 7671:2018	Requirements for Electrical Installations. IET Wiring Regulations
BS 8580-1:2019	Water quality. Risk assessments for Legionella control. Code of practice
BS 8599-1:2019	Workplace first aid kits. Specification for the contents of workplace first aid kits
BS EN 60335-1:2012 + A13:2017	Household and similar electrical appliances. Safety. General requirements
BS ISO 56003:2019	Innovation management. Tools and methods for innovation partnership. Guidance
PD ISO/TR 56004:2019	Innovation Management Assessment. Guidance
PD IEC TR 61000-1-8:2019	Electromagnetic compatibility. General. Phase angles of harmonic current emissions and voltages in the public supply networks. Future expectations

April 2019

BS 45002-2:2019	Occupational health and safety management systems. General guidelines for the application of ISO 45001. Risks and opportunities
BS EN IEC 61000-3-2:2019	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions (equipment input current >16 A per phase)
BS EN IEC 62474:2019	Material declaration for products of and for the electrotechnical industry
BS EN 45559:2019	Methods for providing information relating to material efficiency aspects of energy-related products
BS ISO 14008:2019	Monetary valuation of environmental impacts and related environmental aspects
BS ISO 14033:2019	Environmental management. Quantitative environmental information. Guidelines and examples
PD CEN/TR 13695-2:2019	Packaging. Requirements for measuring and verifying the four heavy metals and other dangerous substances present in packaging, and their release into the environment. Requirements for measuring and verifying dangerous substances present in packaging, and their release into the environment

Compliance Calendar

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

March 2019

MON	TUE	WED	THU	FRI	SAT	SUN
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4	5	6	7	8	9	10
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April 2019

MON	TUE	WED	THU	FRI	SAT	SUN
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29	30					

May 2019

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27	28	29	30	31		

June 2019

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17	18	19	20	21	22	23
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