

Our Compliance with UKCA Marking

Introduction

Due to Brexit, from January 1, 2021, when distributing and selling in the UK market, it was planned to switch the existing CE mark, which is unified EU regulation, to UKCA mark.

However, Gazette dated August 1, 2023, indicated the intention to extend recognition of the CE marking for display, indefinitely.

This is an overview of UKCA marking and a summary of the current status of compliance for our FA products.

1. Overview of UKCA marking

UKCA marking is a new marking required for certain products in UK (England, Wales, Scotland) market. Most products that require the CE marking are subject to the UKCA marking.

For our FA products, the following six regulations are required: Electromagnetic Compatibility Regulations, The Electrical Equipment (Safety) Regulations, The Supply of Machinery (Safety) Regulations, The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations, Radio Equipment Regulations, and The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations.

Until further notice on August 1, 2023, Products subject to UKCA marking could not be distributed and sold in UK market unless they comply with the applicable legislation and display UKCA marking.



2. Changes regarding Notice of August 1, 2023

After the UK leaves the EU, in the original migration method, From 1 January 2021 to 31 December 2024 products displaying the CE mark instead of the UKCA mark will be allowed to be distributed in the UK market.

Additionally, from January 1, 2025 to December 31, 2027, if the UKCA mark is displayed on the product packaging, distribution will be permitted even if the product only has the CE mark.

However, Gazette dated August 1, 2023, indicated the intention to extend recognition of the CE marking for display, indefinitely.

3. Products subject to UKCA marking and our situation

Future products may not display the UKCA mark, so it may be mixed with existing products that display the UKCA mark. For the details, please refer to the customer information materials issued for each product. For products that have not been issued such materials, please contact the support desk of each product.

4. Description of each legislation

This is a summary of the six regulations required for our FA products. (Same as for CE marking)

(1) Electromagnetic Compatibility Regulations

This regulation requires that the electromagnetic disturbance generated from a product does not interfere with the intended operation of other equipment, and that the product has an immunity against electromagnetic disturbance expected during the intended use of the product without causing unacceptable degradation.

(2) The Electrical Equipment (Safety) Regulations

This regulation requires that equipment designed for use with a voltage rating of between 50 and 1000 V for alternating current (A.C.) and between 75 and 1500 V for direct current (D.C.) guarantee protection against hazards arising from the electrical equipment as well as hazards possibly caused by external factors on the electrical equipment.

(3) The Supply of Machinery (Safety) Regulations

This regulation applies to products with moving parts, and products intended to be incorporated into other machinery are also included. It requires safety with control systems to avoid dangers in the event of hardware or software failure, structural safety such as guarding the operating parts, and safety during maintenance work, etc.

(4) The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations

This regulation specifies the maximum concentration limits on the use of certain hazardous substances^{*1} in electronics and electric equipment. Products sold in Europe must have less than or equal the maximum concentration value.

(5) Radio Equipment Regulations

This regulation requires that products that intentionally emit and/or receive radio waves for the purpose of radio communication and/or radio determination^{*2} need to comply with the safety requirements defined by LVD and satisfy adequate level of electromagnetic compatibility regulated by EMC regulation. To avoid harmful interference of radio wave, efficient use of frequency bands is also required.

(6) The Eco-design for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations

This regulation establishes a framework for the setting of eco-design requirements applicable to energy-related products and requires a particular environmental aspect of the energy-related products calculated for a given unit of output performance such as energy consumption during use.

*1) In the UK, as of October 2021, a total of 10 substances including mercury, lead, cadmium, hexavalent chromium, PBBs and PBDEs, and four phthalates are designated as Certain Hazardous Substances.

*2) Radio determination: the determination of the position, velocity and/or other characteristics of an object, or the obtaining of information relating to those parameters, by means of the propagation properties of radio waves.

Revision History

Version	Date	Revision description
Original	Feb 2021	-----
A	Jan 2022	Section 2: Updated CE mark acceptance period until January 1, 2023. Deleted the sentence "products displayed CE marking can be distributed with affixing UKCA marking on packages and accompanying documents" as that period has been eliminated. Section 3: Changed the completion date to December 31, 2022. Deleted the sentence "some products will have the UKCA marking affixed on the packages and accompanying documents." *1: Updated the number of Certain Hazardous Substances from 6 to 10.
B	Jan 2023	Section 2: Added due to the period that "products affixed the CE marking can be distributed in the UK market if product packing affixed the UKCA marking" is lay down. Added dur to the period that "products affixed the CE marking can be distributed in the UK market if product packing affixed the UKCA marking" is lay down.
C	Jan 2024	Introduction: Added that the official gazette dated August 1, 2023 indicated the intention to extend the expiration date of the "CE Mark" indefinitely. Section 2: Title change Added that the migration method was revised again by notification on August 1, 2023. Section 3: Added that there are products that display the UKCA mark and products that do not display the UKCA mark. Unified descriptions of "pasting", "notation", and "display" to "display"