



CUSTOMER LETTER

July 2024

Restriction of Hazardous Substances (RoHS)

Dear Customer:

This Customer Letter provides information of TE Connectivity's activities to ensure compliance with the European **Restriction of Hazardous Substances** in Electrical and Electronic Equipment Directive (EU RoHS 2). The RoHS Directive includes a mechanism for the regular review of its scope and the substances it restricts. This ensures that the directive can adapt to new scientific evidence and technological changes. Therefore, we update this letter periodically based on developments relative to the EU RoHS 2 Directive. Please check the TE website for the most current version of this letter¹.

Background

Since 2003, EU laws have restricted the use of certain hazardous substances in **Electrical and Electronic Equipment (EEE)** through the RoHS Directive. On 21 July 2011, Directive 2011/65/EU (RoHS 2) entered into force and came into effect on 3 January 2013, repealing Directive 2002/95/EC (RoHS 1).

RoHS 2, in its expanded scope (covering 11 EEE categories), phased in the previously excluded categories of medical devices and monitoring & control instruments, as well as certain cables.

RoHS 2 initially restricted the same 6 hazardous substances with the same maximum concentration limits as RoHS 1: lead [Pb] (0.1%), mercury [Hg] (0.1%), cadmium [Cd] (0.01%), hexavalent chromium [CrVI] (0.1%), polybrominated biphenyls [PBB] (0.1%) and polybrominated diphenyl ethers [PBDE] (0.1%). On 24 June 2015, Delegated Directive 2015/863 entered into force adding 4 new substance restrictions to Annex II of RoHS 2: bis(2-ethylhexyl)phthalate [DEHP] (0.1%), butyl benzyl phthalate [BBP] (0.1%), dibutyl phthalate [DBP] (0.1%) and diisobutyl phthalate [DIBP] (0.1%).

RoHS 2 allows for exemptions (Annexes III & IV) for specific materials or components, but these exemptions are limited in scope and duration to encourage the development of safer alternatives. When an exemption is reaching its expiry date, industry stakeholders can apply for its renewal. An "Industry stakeholder" refers to any party with a vested interest in the manufacturing, distribution, regulation, or usage of EEE within the scope of the RoHS regulations.

Such a renewal application needs to be submitted no later than 18 months before the expiry date. Existing exemptions for which a renewal request has been submitted (in due time) remain valid until a decision is taken by the European Commission. This decision either indicates a new expiry date or, in case of rejection, grants a transition period of 12 to 18 months before the exemption expires.

Please visit the official website of the European Commission for the most up-to-date exemption information².

¹ TE RoHS Customer Letter - <https://www.te.com/content/dam/te-com/documents/product-utilities/product-compliance/global/pec-customer-letters/rohs2-statement.pdf>

² Implementation of the RoHS Directive - https://environment.ec.europa.eu/topics/waste-and-recycling/rohs-directive/implementation-rohs-directive_en



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RoHS 2 is a CE-marking Directive that requires the use of the CE mark on the finished EEE product to show compliance. It is required for products manufactured anywhere in the world that are then marketed in the EU. Additionally, all CE-marked EEE requires a Declaration of Conformity (DoC) and associated technical documentation. The responsibility for affixing the CE mark, preparing the DoC and technical documentation resides with the manufacturer.

TE implementation

When establishing our compliance rule, TE relied on the RoHS 2 Frequently Asked Questions (FAQ) document³, last updated on 12 December 2012, from the official working group established by the Commission and Member States at the 2011 RoHS/WEEE Technical Adaptation Committee meeting.

TE has dedicated programs and resources to address legislative requirements and business continuity concerns related to EU RoHS. TE monitors the development of implementation guidelines (and their transposition into national laws) and works with its suppliers to ensure conformity with the requirements prior to the legal implementation date.

TE provides a part specific **Statement of Compliance (SoC)** containing (supplier) data covering the 10 substances currently restricted by RoHS 2 (EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU). The current SoC can be downloaded from TE.com when searching for a TE part number via the [Product Compliance Search Tool](#). The SoC indicates whether the substances are present above the maximum allowed concentration limit and also provides information on the possible applicable exemptions.

TE continuously monitors the status of the RoHS 2 exemptions and updates our compliance systems to reflect changing exemptions. TE will recode the compliance status of a part as needed. A part claiming an expired exemption will be recoded to 'not compliant'.

For finished EEE where TE is the legal manufacturer, TE will affix the CE mark. For finished EEE that TE produces for OEMs, the CE mark can, like other customer specifications, be affixed by TE on the customers' behalf without TE assuming the OEM's (manufacturer's) responsibility.

For finished EEE where TE is the legal manufacturer, TE will provide the DoC and prepare technical documentation per Harmonised European Standard EN IEC 63000. For finished EEE that TE produces for OEMs, it is only the OEM that can fulfil the obligations to provide the required documentation under its own name.

For additional information regarding TE Connectivity's Product Compliance initiatives, please visit our Product Compliance Support Center at <http://www.te.com/en/utilities/product-compliance.html>.

Should you have any further questions regarding the compliance status of a specific TE part number, please contact productcompliance@te.com.

As the global leader in connectivity and sensor solutions, TE Connectivity routinely makes acquisitions and divestitures to build and optimize our offerings for our customers. As a result, integration and divestment activities are a normal part of our operations. From a product compliance perspective, this dynamic means that certain TE parts may not yet be integrated into our systems or customer facing outputs. Accordingly, to the extent you seek a certification or other information with respect to a specific TE part or population of parts, bear in mind that parts from acquired entities may not yet be reflected in TE's product compliance outputs. To the extent you have any concerns in this regard, please do not hesitate to seek confirmation from your TE contact.

³ ROHS FAQ Guidance - https://ec.europa.eu/environment/topics/waste-and-recycling/rohs-directive_en