



Environmental Compliance Standard

of the Phoenix Contact Group

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1 Purpose

This Company Standard is a Phoenix-owned global **minimum standard** for compliance with legal requirements on substance prohibitions in **all** delivery items that remain in Phoenix Contact products.

2 Target

Its implementation ensures the procurement of legally compliant materials and thus supports the legally compliant development of global products.

3 Description and handling

Phoenix Contact products are developed and manufactured for the global market and a wide range of applications. The Phoenix Contact Environmental Compliance Standard (ECS) defines the legal minimum substance requirements for delivery items that remain in Phoenix Contact products. This standard enables third parties, who have a supply relationship with Phoenix Contact, to obtain a quick overview of the essential material legal requirements and restrictions relevant to our products. However, this does not release the supplier from the obligation to comply with international, European, or national legal requirements applicable to his delivery items.

The ECS contains only bans and restrictions of substances that apply generally to articles or specifically to articles in the electrical and electronics industry. If different industry-specific requirements apply, an industry-specific standard must be created that applies exclusively to the Phoenix Contact Group company in question. Legal basis is the current EU legislation, German law, as well as selected national, regional, or international regulations applicable to Phoenix Contact products and markets. Legislations that relate purely to the use of substances and preparations are not part of the standard. The substance list is based on the international standard for products of the electrotechnical industry IEC 62474 (see: <http://std.iec.ch/iec62474>).

The standard applies to all affiliated companies of the Phoenix Contact Group with procurement of materials outside the group, manufacturing, **and** distribution of products under the Phoenix Contact brand. Sales companies without manufacturing and supplier contact outside the group are not included. Companies that do not fully fall within the definition are to be treated as suppliers. Additionally, they can request support to implement their own standard based on the Phoenix Contact Environmental Compliance Standard.

Companies that are using the ECS, must check on its own responsibility for further applicable national or regional restrictions not covered in the substance list of the standard. If further substances are restricted or nationally more stringently regulated, the company should inform Product Compliance of the Corporate Headquarters.

For the implementation, the respectively valid Phoenix Contact Environmental Compliance Standard are to be published on the corporate or own company-specific website under "legal information" and referenced to relevant business documents such as material orders and (if applicable) framework agreements or supplier letters. The standard shall additionally be actively confirmed in writing per each supplier for all delivery items that remain in Phoenix Contact products.

In case of relevant legal changes (but not more than once a year), the content of the standard will be updated and released on the internet with a new status. All active production-relevant suppliers of Phoenix Contact are to be informed about the changes in content **or** requested for a renewed confirmation of the standard.

Available ECSs are stored as form sheet in the internal Corporate Process Net and listed in section 6 of this document. If required additional languages can be added into standard. All activities regarding the documentation are to be coordinated with the Corporate Headquarters.

4 Subject

Environmental Compliance Standard for the locations of the Phoenix Contact Group

4.1 Content and structure

For better understanding the standard is divided in 3 sections and 2 annexes.

Section 1 contains general information and provides an overview of the substance prohibition list and legal basis of the standard that are relevant for Phoenix Contact products.

Section 2 contains the general requirements of the standard that are mandatory for all delivery items, that remain in Phoenix Contact products. It refers to compliance with the substance prohibition list according to Annex I within the required limit values, regardless of whether the delivery items fall within the scope of the law or not. The substance requirements are also fulfilled, if the supplier can refer to valid exceptions of the respective legislation and the compliance with increased limit values and certify this upon request. Deviations are only accepted for specific applications defined by Phoenix Contact. With the confirmation of the standard, the supplier also undertakes to inform Phoenix Contact immediately, if the supplier subsequently become aware of limit value exceedances in delivery items. Requirements for the use of mercury and mercury compounds in manufacturing processes in accordance with the Minamata Convention must also be met. Substances of the Stockholm Convention, are considered in the substance ban list of Annex I. The standard is considered fulfilled if all requirements of the section are confirmed by the supplier.

Section 3 contains additional requirements on product-specific substance information and/or documentation that shall be ensured by the supplier and made available to Phoenix Contact upon request. Additional requirements are for example product specific information according to article 33 of Regulation (EC) No. 1907/2006 (REACH) on the Candidate List of Substances of Very High Concern (SVHC), supplier declarations regarding exemptions of the RoHS Directive or China RoHS II declarations. The standard is considered fulfilled if all requirements of the section are confirmed as available by the supplier.

Annex I contain the substance prohibition list of the standard including substance or substance group name, CAS Number if applicable, as well as required threshold and application according to the law. An assignment to the applicable law is not included, as this can be very complex in relation to all worldwide national implementations and cannot guarantee completeness. For the concrete legal background of the substance requirement, reference should be made to the international standard for products of the electrical engineering industry IEC 62474 (see: <http://std.iec.ch/iec62474>). The substance prohibition list will be updated from Product Compliance of the Corporate Headquarters in accordance with relevant legal changes but not more than once a year. Relevant substance changes to previous edition are marked in blue. Substance requirements that go beyond European legislation are marked in red.

Annex II contain information on the legal basis for the substance prohibition list standard. For detailed questions on affected application or exemptions, the respective legal text should be noted.

4.2 Supplier confirmation and update

The ECS is created as a minimum standard for global application and should be confirmed by all Phoenix Contact suppliers worldwide. If it is not available on your own company-specific website, you can contact for support your local responsible department or Product Compliance of the Corporate Headquarters.

The supplier request for confirmation is possible electronically within the supplier qualification in the Supplier Lifecycle Management (SLC), where compliance with the standard is available as a qualification question. Companies of the Phoenix Contact Group that are not yet part of the Global Purchase Network and/or use SLC can use Phoenix's own template FS-PCM-000049 for written supplier communication (e-mail or letter). The templates include different available languages, it is the user decision to choose the right language for his application. The supplier can sign the Phoenix Contact template or provide own standards or information letters, which fully cover the requirements of the standard.

The Phoenix Contact Environmental Compliance Standard must be provided to the supplier as download (PDF document) **or** download link www.phoenixcontact.com/legal-information. This ensures the provision of the current published status. It should be noted that the document contains all applicable languages, i.e., there are no individual documents per language.

By update of the standard, all active production-relevant suppliers must be requested for a new confirmation of the revised standard. Suppliers who have already signed the Phoenix Contact template have also agreed to a special termination right in case of changes. In this case the supplier can only receive an information letter FS-PCM-000043 and do not need an additional confirmation. The supplier can use the special right of termination within 4 weeks. If no written objection is received from the supplier, the requirements from the amended Phoenix Contact Environmental Compliance Standard shall apply to the then following deliveries. The decision which application is more suitable for the own supply chain is made by the respective company.

5 Definitions and abbreviations

5.1 Definitions

substance	chemical element and its compounds
preparation	mixtures and solutions of at least 2 substances
article	an object whose function is determined more by its external shape and design than by its chemical composition
homogeneous material	any material that cannot be further broken down into other different materials by mechanical means
general prohibition	any intentionally added amount of the substance
national	country-specific (e.g., China, India, USA)
regional	freely definable (e.g., North America, Europe)
international	more than one country
worldwide	all countries, globally

5.2 Abbreviations

Organizational		Technical	
EU	European Union	REACH	Registration, Evaluation and Authorisation of C hemicals
DE	Deutschland / Germany		
SLC	Supplier Lifecycle Management	RoHS	Restriction of the use of certain H azardous S ubstances
ECS	Environmental Compliance Standard		

6 Applicable documents

- **FS-EM-000031** / Phoenix Contact Environmental Compliance Standard
- **FS-PCM-000049** / Template for Request – Phoenix Contact Environmental Compliance Standard
- **FS-PCM-000043** / Template for Update – Phoenix Contact Environmental Compliance Standard