

Phoenix Contact Environmental Compliance Standard

Phoenix Contact is aware of its responsibility to protect people and the environment and provides the legal requirements regarding substances of concern, composition, and recycling as a minimum requirement for its own environmental product requirements.

To ensure that all third parties in a supply relationship with Phoenix Contact fulfil these requirements, we apply the Phoenix Contact Environmental Compliance Standard. Still, it does not release from applicable international, European, and national legal regulations.

1. General Information

The standard contains bans and restrictions of substances that generally apply to articles or specifically to articles of the electric and electronic industry. It is based on European legislation as well as selected national, regional, or international regulations that are applicable to Phoenix Contact products and markets. The content and update of the substance list is based on the international standard for products of the electrical industry IEC 62474 (see: <http://std.iec.ch/iec62474>). Substance prohibitions, thresholds, and applications relevant to Phoenix Contact products are provided in Annex I. The legal basis of the substance prohibition list is provided in Annex II. Relevant changes compared to the previous edition are marked in blue. Substance requirements that go beyond European legislation are marked in red.

This standard is available only in English. If you require the Environmental Compliance Standard in German or Chinese, please contact: materialdeclaration@phoenixcontact.com

2. Scope

The Phoenix Contact Environmental Compliance Standard applies to all deliveries of products by the supplier to a company of the Phoenix Contact Group (the respective company referred to as "Phoenix Contact") as well as to all work and services provided by the supplier on behalf of Phoenix Contact.

3. Mandatory Requirements

Requirements that must be fulfilled for all delivery items of the supplier at the time of delivery to Phoenix Contact.

3.1 Substance Bans and Restrictions

The supplier ensures compliance with the substance requirements of Annex I for all delivery items, regardless of being within the scope of the regulation or not. The requirements are also fulfilled by compliance with valid exemptions of the respective regulation, if the supplier can certify compliance with the increased limit values for each delivery item upon request.

3.2 Minamata Convention and Mercury

The supplier ensures compliance with the requirements for mercury and mercury compounds in all products and manufacturing processes in accordance with the Minamata Convention of October 10, 2013 (BGBl. 2017 II p. 610, 611) and the Regulation (EU) 2017/852.

4. Additional Requirements

Requirements for product-specific substance information or documentation that shall be ensured by the supplier and made available to Phoenix Contact upon request.

4.1 RoHS Supplier Declaration

Upon request, a product related declaration in accordance with the Directive 2011/65/EU (RoHS) and (EU) 2015/863 must be provided to Phoenix Contact. The supplier shall verify the conformity with the substance requirements and applicable valid exemptions by RoHS supplier declaration that meets the requirements of technical documentation in accordance with EN IEC 63000.

4.2 Information according to Article 33 of the REACH Regulation

Information corresponding to Article 33 of the Regulation (EC) No 1907/2006 (REACH) on the candidate list of substances of very high concern (SVHC) must be forwarded to Phoenix Contact as required by law or provide upon request. The current candidate list is available on the website of the European Chemicals Agency (ECHA): <http://echa.europa.eu/candidate-list-table> The supplier notes that the candidate list is regularly updated.

4.3 Declaration according to China RoHS II

Upon request, a declaration in accordance with Management Methods for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products, Order No.32 including First Management Catalog ("China RoHS II") must be provided to Phoenix Contact. The supplier shall verify conformity with declaration table and recommendation for an EFUP value in accordance with the latest [GB 26572-2025](#) standard as well as RoHS supplier declaration in accordance with the GB/ T 36560-2018.

4.4 Declaration according to Batteries Regulation

Upon request, and depending on the type of battery, various information such as technical and safety data sheets, declarations of conformity and test reports must be provided to Phoenix Contact. In addition, machine-readable information is required for the Digital Product Passport.

4.5 Declaration according to Packaging and Packaging Waste Regulation

Upon request and in accordance with Regulation (EU) 2025/40, information and documentation including documents that are part of the technical documentation as referred to in Annex VII of Regulation (EU) 2025/40 such as descriptions, drawings, material specifications, test reports and if applicable declarations of conformity on either packaging or packaging material must be provided to Phoenix Contact.

5. Update of the Environmental Compliance Standard

The Phoenix Contact Environmental Compliance Standard is revised annually and updated in case of relevant legal changes. The respective valid version of the standard is available on the Phoenix Contact website under "Legal information" (see: www.phoenixcontact.com/legal-information) or will be made available to the supplier upon request. The supplier will be informed by Phoenix Contact of any changes compared with the previous version of the standard. The supplier has a special right of termination that he can assert within 4 weeks after receiving the information. If no notice of is given, the requirements from the amended Phoenix Contact Environmental Compliance Standard will apply to subsequent deliveries.

6. Information obligations of the supplier in case of changes

The supplier is obliged to inform Phoenix Contact immediately if the delivery items no longer comply with the requirements of the Phoenix Contact Environmental Compliance Standard. In this case a product-related notification must be send to:

materialdeclaration@phoenixcontact.com

Annex I: Substance prohibition list of the Phoenix Contact Environmental Compliance Standard

Substance / Substance group	CAS-No.	Threshold per Application
Asbestos		general prohibition in articles
Cadmium and Cadmium compounds		0,01 weight% in homogeneous material 0,002 weight% in portable batteries (≤ 5 kg) 0,01 weight% cumulated Pb, Cr, Hg in packaging material
Chromium (VI) compounds		0,1 weight% in homogeneous material 0,01 weight% cumulated Pb, Cd, Hg in packaging material
Chlorinated Paraffins Short-chain Chlorinated Paraffins (SCCPs) Medium-chain chlorinated paraffins (MCCPs)		0,15 weight% in articles 0,1 weight% in articles
Dimethylfumarate (DMF)	624-49-7	0,00001 weight% in articles
Flame retardants Dechlorane Plus including its syn- and anti-isomer Halogenated Flame Retardants Hexabromocyclododecane (HBCD, HBCDD) Mirex Octabromodiphenylether Polybrominated Biphenyls (PBBs) Polybrominated diphenyl ethers (PBDE) Phenol, isopropylated, phosphate (3:1) (PIP (3:1))	2385-85-5 68937-41-7	0,1 weight% in articles 0,1 mass% of halogen content in enclosure and stand of electronic displays with a screen area greater than 100 cm^2 0,0075 weight% in articles general prohibition in articles 0,1 weight% in articles 0,1 weight% in homogeneous material 0,001 weight% in articles general prohibition in articles
Fluorinated Greenhouse Gases (PFC, SF6, HFC)		general prohibition in articles
Hexachlorobutadiene	87-68-3	general prohibition in articles
Lead and Lead compounds		0,1 weight% in homogeneous material 0,1 weight% in PVC material 0,01 weight% in portable batteries (≤ 5 kg) 0,01 weight% cumulated Cd, Cr, Hg in packaging material
Mercury and Mercury compounds		0,1 weight% in homogeneous material 0,0005 weight% in batteries 0,01 weight% cumulated Pb, Cd, Cr in packaging material
Organotin compounds Dibutyltin (DBT) compounds Tri-substituted organostannic compounds		0,1% by weight of tin in articles
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)		general prohibition in articles
Polychlorinated Biphenyls (PCBs) and specific substitutes Polychlorinated Biphenyls (all isomers and congeners) Monomethyltetrachlorodiphenylmethane Ugilec 141 Monomethyldichlorodiphenylmethane Ugilec 121/21 Monomethyldibromodiphenylmethane DBBT	1336-36-3 76253-60-6 81161-70-8 99688-47-8	general prohibition in articles
Pentachlorophenol and its salts and esters	87-86-5 and others	0,0005 weight% in articles
Per- and polyfluoroalkyl substances (PFASs) Long chain perfluorocarboxylic acids (C9-21 PFCAs), their salts and related compounds Perfluorooctanoic acid (PFOA), ist salts and PFOA-related compounds Perfluorooctane sulfonate (PFOS) C8F17SO2X, halogenide, amide and other derivatives including polymers Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds	335-67-1	25 ppb (salts) or 260 ppb (related) in articles 25 ppb (salts) or 1 ppm (related) in articles 0,1 weight% in articles 25 ppb (salts) or 1 ppm (related) in articles
Phthalates Di(2-ethylhexyl) phthalate (DEHP) Dibutylphthalate (DBP) Benzylbutylphthalate (BBP) Diisobutyl phthalate (DIBP)	117-81-7 84-74-2 85-68-7 84-69-5	0,1 weight% in homogeneous material 0,1 weight% in plasticized material
Polycyclic aromatic hydrocarbons (PAH)		0,0001 weight% in hand tools
Polychlorinated naphthalene		general prohibition in articles
Polychlorinated terphenyls (PCTs) (all isomers and congeners)	61788-33-8	0,005 weight% in articles
UV absorbers 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0,01 weight% in articles

Relevant changes to the previous edition are marked in blue.

Requirements that go beyond European legislation are marked in red.

For detailed information on substance groups and CAS number see: <http://std.iec.ch/iec62474>

Annex II: Legal basis of Phoenix Contact Environmental Compliance Standard

EU-Regulation	
EC/1907/2006 Annex XVII	REACH/ Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals with regards to Annex XVII
EU/2019/1021	POP/ Regulation (EU) 2019/1021 of the European parliament and of the council of 20 June 2019 on persistent organic pollutant
EU/2024/590	Ozone-depleting/ Regulation (EU) 2024/590 of the European Parliament and of the Council of 7 February 2024 on substances that deplete the ozone layer, and repealing Regulation (EC) No 1005/2009
EU/2024/573	F-Gas/ Regulation (EU) 2024/573 of the European Parliament and of the Council of 7 February 2024 on fluorinated greenhouse gases, amending Directive (EU) 2019/1937 and repealing Regulation (EU) No 517/2014
2011/65/EU	RoHS/ Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment
EU/2025/40	Packaging/ Regulation (EU) 2025/40 of the European Parliament and of the Council of 19 December 2024 on packaging and packaging waste, amending Regulation (EU) 2019/1020 and Directive (EU) 2019/904, and repealing Directive 94/62/EC
EU/2023/1542	Batteries/ Regulation (EU) 2023/1542 of the European Parliament and of the Council of 12 July 2023 concerning batteries and waste batteries, amending Directive 2008/98/EC and Regulation (EU) 2019/1020 and repealing Directive 2006/66/EC
EU/2019/2021	Ecodesign/ Commission Regulation (EU) 2019/2021 of 1 October 2019 laying down ecodesign requirements for electronic displays pursuant to Directive 2009/125/EC of the European Parliament and of the Council, amending Commission Regulation (EC) No 1275/2008 and repealing Commission Regulation (EC) No 642/2009
2017/852/EU	Mercury/ Regulation (EU) 2017/852 of the European Parliament and of the Council of 17 May 2017 on mercury, and repealing Regulation (EC) No 1102/2008
USA national	
TSCA, Section 6	TSCA U.S. Toxic Substance Control Act, Section 6
China national	
MIIT Order 32	China RoHS/ Management Methods for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products
International Conventions	
Minamata	Mercury/ Minamata Convention of 10 October 2013 on Mercury
Stockholm	POP/ Stockholm Convention of 23 May 2001 on Persistent Organic Pollutants

For detailed questions on affected application or exemptions, the respective legal text should be noted.