Kyocera Guideline on Environmentally Hazardous Substances

(Procurement Standards for Suppliers)

Revision 16

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【 Contents 】

This guideline describes the basic standards of our company Group.
If any Group company has its own regulations, please follow them.

Introduction

Ever since Kyocera was founded, all corporate activities of the Kyocera Group have been based on our corporate motto of "Respect the Divine and Love People" and our three pillars of “LIVING TOGETHER”: coexistence with society, coexistence with global community, and coexistence with nature. We aim for sustainable growth while seeking to balance ecology and economy, and the entire Kyocera Group is committed to environmental management.

To promote environmental safety based on the Kyocera management philosophy, we developed the "Kyocera Group Environmental Safety Policy, which covers product development, procurement, manufacturing, distribution, sales, customer maintenance, resource recovery and reuse, to disposal. In line with this policy, we promote more active and continuous environmental protection activities by setting goals and objectives to reduce our environmental impact.

Nowadays, legal regulations on environmental affairs as well as growing public demand for environmental protection have been more and more strengthened. We need cooperation of our business partners for complying with their requirements.

Accordingly, we ask for your understanding of the purposes of these activities, as well as your cooperation in this regard.

Kyocera Group Environmental Safety Policy

Based on Kyocera's founding company motto, "Respect the Divine and Love People," we established our management rationale "To provide opportunities for the material and intellectual growth of all our employees, and through our joint efforts, contribute to the advancement of society and humankind." Therefore, in addition to complying with laws and regulations on environmental safety, requirements agreed to by our company, and our own internal standards, we will continue to work to solve issues critical to society through communication with various stakeholders, participation in and support for social contribution activities, and by leveraging our technology and intellectual know-how.

1. Ensuring the safety and health of employees

- To create a safe and secure workplace for all employees, we will create a corporate culture in which everyone involved in our business activities is fully engaged.
- Kyocera will conduct risk assessments and reduce occupational health and safety risks by eliminating sources of danger to prevent workplace accidents and disasters.
- Kyocera strives to build a work environment where employees feel healthy, enjoy job satisfaction, and can reach their maximum potential by promoting mental and physical health.

2. Contribution to a sustainable society

- Kyocera will research, develop, produce, and expand products that contribute to the improvement of the global environment and products that reduce environmental impact throughout their life cycles.
- Kyocera will promote greenhouse gas emission control in our entire value chain to contribute to realizing a carbon-free society.
- Kyocera will contribute to realizing a recycling-oriented society by using resources more efficiently.
- Kyocera will strive to prevent environmental pollution by properly managing chemical substances in all processes.
- Kyocera will advance biodiversity conservation by minimizing the negative impact of our business activities on the natural environment and by protecting and nurturing the natural environment.

3. Operation of an environmental and safety management system

- During our business activities, through the operation of our management system, the Kyocera Group will proactively promote comprehensive measures for environmental protection and work safety, based on the management rationale, and continuously improve environmental and safety performance.

Kyocera Guideline on Environmentally Hazardous Substances

1. Objective

The purpose of these guidelines is to specify prohibited and controlled substances for raw materials, parts, packaging materials, etc. procured by the Kyocera Group (hereinafter, Kyocera) and outsourcing contractors, to clarify the content that suppliers are requested to observe, and to ensure thorough compliance with environment-related laws and regulations. Suppliers are encouraged to reduce their environmental impact in accordance with these guidelines.

2. Scope

This guideline applies to the following items procured by Kyocera and outsourcing contractors.

（1） General Parts/Materials

Refers to raw materials, parts, products, etc., including items procured by the procurement department, as well as those procured by sales departments, outsourced processed goods, and so on.

（2） Packaging Materials

Refers to items, irrespective of the materials from which it is made, that are intended to be used for the containment, protection, handling, delivery or presentation of products, including packaging materials used for the shipment of Kyocera products as well as for the delivery of procured goods.

In principle, the scope of "5. Management of Chemical Substances Contained" does not apply to items not shipped from Kyocera (manufacturing equipment, auxiliary materials, etc.). However, if they come into contact with parts or products, the scope is applied to prevent contamination by harmful substances. In the case of manufacturing facilities, it covers parts that touch parts and products.

3. Explanation of Terms

(1) Environmentally Hazardous Substances

Kyocera classifies substances that may have an adverse effect on human health or the environment into Prohibited Substances (Rank 1), Controlled Substances (Rank 2), and Prohibited Substances for Process Use.

(2) Prohibited Substances (Rank 1)

Refers to chemical substances that are prohibited from being contained in procured items. The criteria are shown in Tables 1 and 2 of "5-2. Prohibition and Control Standards."

(3) Controlled Substances (Rank 2)

Although there are no restrictions on its intended use, it refers to chemical substances for which reporting is required if it is contained, and its criteria are shown in Table 3 of "5-2. Prohibition and Control Standards." In addition to chemical substances subject to regulations depending on their use and concentration, substitute materials and substitute technologies have not been established, and thus chemical substances for which recycling and proper disposal should be considered are included.

(4) Prohibited Substances for Process Use

Chemical substances prohibited for use in the manufacturing process of procured products are shown in Tables 4 and 5 of "6-1. Prohibited Substances for Process Use."

(5) Intentional addition

It refers to the addition of basic raw materials to be added as ingredients, as well as those added consciously by the manufacturer in order to achieve desired performance or function, or to maintain process conditions during the process.

(6) Contained

This term is used when a chemical substance is present, whether intentional or unintentional, as a constituent, an adhering substance, a residue, or the like. The presence of impurities* is also interpreted as "contained." *Impurities refer to unreacted raw materials, reaction catalysts, indicators, by-products (i.e., those generated by reactions other than the intended one), etc., other than the target component.

(7) Regulatory Value

This term refers to a value established to prohibit or restrict the containment of chemical substances, etc. In this guideline, the regulatory values for Prohibited Substances (Rank 1) generally conform to those stipulated in laws and regulations or industry standards (hereinafter referred to as "laws and regulations, etc."). However, if the regulatory value is expressed as a concentration, then regardless of the material unit serving as the standard in laws and regulations, etc., the regulatory value in this guideline shall be the concentration in homogeneous material. If the regulatory value is not expressed as a concentration —for example, if it is an elution amount or emission amount—it shall conform to the test methods and calculation methods specified in laws and regulations, etc. Furthermore, if containment is prohibited by laws and regulations, etc., but no specific regulatory value is set, the regulatory value in this guideline shall be 0 (concentration).

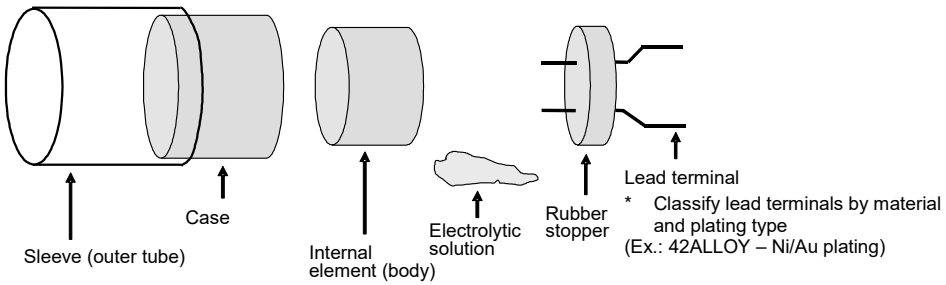
●Calculation Formula in this Guideline:

Concentration (Content Ratio) = Mass of the contained chemical substance / Mass of the homogeneous material containing the chemical substance

(8) Homogeneous material

Refers to one material of uniform composition throughout or a material consisting of a combination of materials, that cannot be disjointed or separated into different materials by mechanical actions such as unscrewing, cutting, crushing, grinding and abrasive processes.

●Example of Homogeneous Material (Capacitor)



(9) Substance

Refers to a chemical element and its compounds in the natural state or obtained by any manufacturing process. Examples: Lead oxide, Nickel chloride, Benzene, etc.

(10) Mixture

Refers to a mixture or solution composed of two or more substances (including solvents).

Examples: Paints, inks, pre-use solder, adhesives, alloys, plating solutions, cleaning agents, etc.

(11) Article

Refers to an object which during production is given a special shape, surface or design which determines its function to a greater degree than its chemical composition.

Examples: Capacitors, LSIs, lead frames, screws, etc.

(12) Supplier

It refers to raw materials and parts suppliers who supply products and services to Kyocera and outsourcing contractors. It also includes outsourcing contractors and outsourcing contractors who request processing.

(13) Outsourcing contractor

Kyocera leases equipment and materials, provides technical guidance, etc., and is entrusted with manufacturing processes.

(14) chemSHERPA

A common scheme for communication of chemical substances contained in products in the supply chain provided by the CMP Consortium.

4. Kyocera's Approach to Environmental Management

(1) Management of Chemical Substances Contained

We confirm contained chemical substances by obtaining data according to various forms designated by Kyocera, and we thoroughly manage them according to their hazardous properties.

(2) Consideration of Environmental Impact of Introduced Machinery and Equipment

When introducing machinery and equipment, we consider the environmental impact and determine the equipment specifications.

(3) Specifications for Packaging Materials Used for Procured Items

We aim to reduce the amount of packaging materials used, promote reuse, and transition to packaging materials that are easily recyclable.

(4) Material Labeling of Procured Items

In order to reduce environmental impact, we specify the specifications of purchased resin-based procured products and promote material labeling based on discussions with suppliers. In this way, we are promoting the recycling of resources through the separation of waste.

5. Management of Chemical Substances Contained

5-1. Requirements for Constituent Information

At Kyocera, with an eye on future trends in domestic and international laws and regulations, customer requirements, and improving product safety, we generally request the disclosure of all constituent information (all substances contained) in procured items. This aims to identify potential risk substances early, even if they are not currently subject to legal regulations, and to enhance transparency throughout the entire supply chain. For details on the documents to be submitted, please refer to "7. Contained Chemical Substance Survey Methods and Required Documents."

5-2. Prohibition and Control Standards

This guideline establishes standards for the prohibition and management of contained chemical substances. These standards are based on the major domestic and international laws and regulations contained in chemSHERPA, an industry-standard scheme used to communicate information on chemical substances contained in products. In addition, the Company has independently added laws and regulations deemed to be particularly important to Kyocera that are not included in this list. Therefore, we ask that you comply with the standards (1) and (2) below and cooperate in the management of contained chemical substances to reduce environmental impact.

(1) Prohibited Substances (Rank 1)

Substances subject to laws and regulations listed in Tables 1 and 2 are prohibited from being contained in delivered items under the conditions listed in the table. See Table 1 for prohibition standards for General Parts/Materials and Table 2 for prohibition standards for Packaging Materials. Please refer to relevant laws and regulations for specific target substances, intended applications, and regulatory values. These are listed for reference in "Annex A: Prohibited and Controlled Substances List," but please ensure compliance with the latest laws and regulations.

Table 1: Prohibition Criteria for General Parts/Materials

ID	Laws and Regulations, etc.	Target Substances	Intended Applications*3	Regulatory Value
LR01	(JP) Chemical Substances Control Law (CSCL) : Class I Specified Chemical Substances	Substances whose import or marketing is prohibited or restricted by laws and regulations * 1	Regulated applications by laws and regulations, etc.	Regulatory value by laws and regulations, etc.
LR02	(US) Toxic Substances Control Act (TSCA) : Section 6			
LR03	(EU) Directive 2000/53/EC (ELV) : Targeted substances			
LR04	(EU) 2011/65/EU (RoHS) : Annex II			
LR05	(EU) 2019/1021 (POPs) : Annex I			
LR06-1	(EU) REACH (No 1907/2006) : Annex XIV Authrisation Substances			
LR07	(EU) REACH (No 1907/2006) : Annex XVII Restriction substances			
LR08	(EU) Medical Devices Regulation (MDR) (EU)2017/745 : Annex I 10.4			
LR09	(China) the Administrative Measures for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products			
IC01	Global Automotive Declarable Substance List (GADSL)	・Substances classified as "P" ・Substances classified as D/P and be prohibited by Kyocera * 2		
—	Kyocera’s Self-Regulation	Specific Phthalate Esters	All applications	Total 1000 ppm

Table 2: Prohibition Criteria for Packaging Materials

ID	Laws and Regulations, etc.	Target substances	Regulatory Value
—	(EU) Packaging and Packaging Waste Regulation (PPWR) 2025/40 : Article 5 *4	Substances whose import or marketing is prohibited or restricted by laws and regulations * 1, 5	In accordance with laws and regulations regulation value
LR02	(US) Toxic Substances Control Act (TSCA) : Section 6		
LR05	(EU) 2019/1021 (POPs) : Annex I		
LR07	(EU) REACH (No 1907/2006) : Annex XVII Restriction substances		
—	(EU) The Biocidal Products Regulation (BPR)		
—	Kyocera's Self-regulation	Specific Phthalate Esters	Total 1000 ppm
		Polyvinyl Chloride	0 ppm

*1. Comply with all laws and regulations listed in the table, regardless of the country of delivery.
*2. When a substance classified as "D/P" is contained, please confirm with Kyocera's business division whether the substance is classified as a Prohibited Substance (Rank 1).
*3. "Intended Applications" include internal uses within Kyocera and uses for products shipped by Kyocera. It also broadly encompasses uses by Kyocera's customers for the product. Please contact Kyocera's business division as needed to confirm if the application is subject to regulatory restrictions under applicable laws and regulations.
*4. (EU) Follow Article 11 of the (EU) Packaging and Packaging Waste Directive (PPWD) (94/62/EC) until the effective date of the Packaging and Packaging Waste Regulation (PPWR) (2025/40).
*5. Substances for which packaging materials are regulated by laws and regulations are subject to these guidelines. Prohibited and restricted substances that apply to all articles are included in the target substances.

●Kyocera's Self-regulation

（1）Specific Phthalate Esters

In all applications, containment totaling 1000 ppm or more is prohibited.
The target phthalate esters listed below are regulated substances under REACH Regulation, RoHS Directive, etc. While Tables 1 and 2 separately specify standards compliant with these laws and regulations, considering the migratory properties of specific phthalate esters (the property of substances moving to other objects they are in contact with) and to prevent contamination of other parts and products, Kyocera voluntarily prohibits their containment in all applications.

The four target phthalate esters are as follows:
・DEHP (CAS No. 117-81-7) : Bis(2-ethylhexyl) phthalate
・DBP (CAS No. 84-74-2) : Dibutyl phthalate
・BBP (CAS No. 85-68-7) : Butyl benzyl phthalate
・DiBP (CAS No. 84-69-5) : Diisobutyl phthalate

（2）Polyvinyl Chloride

Polyvinyl chloride (PVC, CAS No. 9002-86-2) is prohibited from use and containment in packaging materials at Kyocera, as substances contained as plasticizers or stabilizers, and harmful substances generated during improper incineration, can potentially cause environmental pollution and health damage.

●Prohibited Delivery Date

The prohibited delivery date to Kyocera for items containing Prohibited Substances (Rank 1) shall, in principle, conform to the effective date of the relevant laws and regulations. However, Kyocera may specify a separate prohibited delivery date.

(2) Controlled Substances (Rank 2)

If any of the substances listed in Table 3 is contained, please report to Kyocera regardless of the intended application and concentration. Please refer to the relevant laws and regulations for specific substances. These are listed for reference in "Annex A: Prohibited and Controlled Substances List," but please ensure compliance with the latest laws and regulations.

Table 3. Reporting standards for Controlled Substances

ID	Laws and Regulations, etc.	Reporting Standard
LR01	(JP) Chemical Substances Control Law (CSCL) : Class I Specified Chemical Substances	If target substance is **contained** (excluding cases where it falls under Rank 1)
LR02	(US) Toxic Substances Control Act (TSCA) : Section 6	
LR03	(EU) Directive 2000/53/EC (ELV) : Targeted substances	
LR04	(EU) 2011/65/EU (RoHS) : Annex II	
LR05	(EU) 2019/1021 (POPs) : Annex I	
LR06-1	(EU) REACH (No 1907/2006) : Annex XIV Authrisation Substances	
LR07	(EU) REACH (No 1907/2006) : Annex XVII Restriction substances	
LR08	(EU) Medical Devices Regulation (MDR) (EU)2017/745 : Annex I 10.4	
LR09	(China) the Administrative Measures for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products	
-	(EU) Packaging and Packaging Waste Regulation (PPWR) 2025/40 : Article 5	
IC01	Global Automotive Declarable Substance List (GADSL)	
-	Kyocera's Self-regulation (Specified Phthalate Esters)	
-	Kyocera's Self-regulation (PVC)	
LR06-2	LR06-2: (EU) REACH (No 1907/2006) : The Candidate List of Substances of SVHC	If target substance is **contained**
IC02	IEC 62474 DB Declarable substance groups and declarable substances	
-	(California, USA) Proposition 65	
-	(France) Anti-Waste and Circular Economy Law : Mineral Oil Regulation	
-	(EU) The Biocidal Products Regulation (BPR)	Including biocidal products or treated articles with biocidal products by law

●About Annex A and B

(1) Annex A: Prohibited and Controlled Substances List

This annex is a list containing information for the target substances, intended applications, and regulatory values for Prohibited Substances (Rank 1), and target substances for Controlled Substances (Rank 2). It includes reference links to applicable laws and regulations, excerpts from original legal texts, and supplementary explanations.

(2) Annex B: Illustrative List of Prohibited Substances

This list provides specific illustrative examples of Prohibited Substances (Rank 1) which are particularly difficult to identify by specific substance names or CAS numbers, as they are ex pressed as substance groups or similar terms in the original legal/regulatory texts.
The substances listed herein are merely examples and are not exhaustive of all regulated substances.

6. Requirements for Manufacturing Process

6-1. Prohibited Substances for Process Use

Kyocera recognizes the importance of realizing a sustainable society, protecting the global environment, and ensuring the safety and health of employees throughout the supply chain. Therefore, in addition to the control of chemical substances contained in the preceding paragraph, the substances listed in Tables 4 and 5 are designated as substances prohibited in the manufacturing process in order to promote appropriate control of chemical substances used in the manufacturing process in consideration of reducing environmental impact and occupational health and safety. We ask our suppliers not to use these substances in their manufacturing processes.

Table 4.
ozone depleting substance

CFCs
halon
Other CFCs
carbon tetrachloride
1,1,1-Trichloroethane
HCFCs
HBFC
bromochloromethane
methyl bromide

Table 5.
Substances prohibited by the Safety and Health Law

Asbestos
yellow phosphorus match
Benzidine and its salts
4-Aminodiphenyl and its salts
4-Nitrodiphenyl and its salts
Bis (chloromethyl) ether
β-Naphthylamine and its salts
Rubber paste containing benzene

* Excludes substances not directly used in the manufacturing process (e.g., refrigerants in air conditioning, extinguishing agents in fire extinguishers).

6-2. Management of 4 Specific Phthalate Esters

Specific phthalate esters subject to Kyocera's Self-regulation are subject to strict control throughout the entire supply chain because of concerns about misuse and contamination in the manufacturing process, as well as contamination between products. We appreciate your cooperation on the following points.

(1) Prevention of Contamination in Manufacturing Processes

When using an alternative plasticizer, strictly separate the specified phthalate ester from the process or container. If it is difficult, please carry out thorough cleaning and regular monitoring of contamination.

(2) Prevention of Migration Contamination in Manufacturing Processes

Electrostatic mats, jigs and tools, rubber gloves, etc. containing specified phthalate esters should be removed from the manufacturing process and shipping applications due to the risk of transfer to products. If it is difficult to eliminate, the total amount of homogeneous materials in the product should not exceed 1000ppm.

We would also like you to provide reliable management and necessary support for upstream processing destinations. We ask for your understanding and cooperation in preventing pollution throughout the supply chain.

7. Contained Chemical Substance Survey Methods and Required Documents

Specific items subject to the contained chemical substance survey, as well as the forms of documents to be prepared by suppliers, will be provided by Kyocera via email or systems such as the information management system on chemical substances contained in products (EARTHs). In addition to the forms below, we may ask you to prepare a form independently established by Kyocera business division. These documents should be submitted at the time of new adoption, change of constituent materials, designation of Kyocera, and any changes in past responses. For items delivered under ongoing transactions, please submit the necessary documents according to the changes. Please note that any changes to product constituent materials, etc., regardless of their impact on Environmentally Hazardous Substances, must follow the prescribed procedures based on separate agreements with each business division.

Table 6: Required Documents

Documents to be Submitted		Necessity of Submission	
Form No.	Form title	Substances and Mixtures	Articles
Form 2	Certificate of Non-Use and Absence of Prohibited Substances	○	○
Form 3-1	Report of Constituent Contents (for Substances and Mixtures)	○*	-
Form 3-2	Report of Constituent Contents (for Articles)	-	○*
-	chemSHERPA CI	○*	-
-	chemSHERPA AI	-	○*
-	SDS (Safety Data Sheet)	○	△
-	Analytical Data	△	△

○ : Submission is generally mandatory

△ : Submission requirement will be communicated separately

* Please submit either the Report of Constituent Contents and chemSHERPA, or one of them, as requested by Kyocera's business division.

●Explanation of Required Documents

(1) Form 2: Certificate of Non-Use and Absence of Prohibited Substances

This is a form to guarantee the non-use and absence of Prohibited Substances (Rank 1).

(2) Form 3: Report of Constituent Contents

For substances and mixtures, please report using Form 3-1: Report of Constituent Contents (for Substances and Mixtures);

For articles, please report using Form 3-2: Report of Constituent Contents (for Articles).

*The following items are not available in chemSHERPA. Please report these using the Report of Constituent Contents.

Item	contents of entry
Minerals Contained * Form 3-1 only	If minerals (including refined ones) are used as raw materials, please enter "V" in the column for the presence of minerals.
Rank	Enter "1" if the substance is classified as a Prohibited Substance (Rank 1), enter "2" if the substance is classified as a Controlled Substance (Rank 2), and enter "-" if the substance is not classified as either of these
Content Classification	For each chemical substance, indicate whether it was intentionally added or not.
CSCL BAT report	In the case of Class I Specified Chemical Substances under the Japanese CSCL, please indicate whether or not the BAT report has been completed to the three Japanese ministries (the Ministry of Health, Labour and Welfare, the Ministry of Economy, Trade and Industry and the Ministry of the Environment). "BAT reported" means that BAT has been reported to the three ministries and confirmed by them.
・Chlorine (Cl) Content ・Bromine (Br) Content ・Total Content of Chlorine (Cl) and Bromine (Br) * Form 3-2 only	Please provide information on chlorine (Cl) content, bromine (Br) content and total chlorine and bromine content, if available.

(3) chemSHERPA

Use chemSHERPA CI for substaces and mixtures and chemSHERPA AI for articles.

(4) Analytical Data

Kyocera's business division may request the submission of analysis data as needed.

8. Communication to Secondary Suppliers

(1) If you are a Manufacturer

Please instruct the manufacturers of parts and materials you procure and secondary processors you outsource to in order to manufacture items delivered to Kyocera, to engage in environmentally hazardous substances management activities in accordance with this guideline, and confirm that they meet the requirements. Additionally, we ask that you provide them with necessary support.

(2) If you are a Trading Company

Please inform the manufacturers of parts and materials supplied to Kyocera of these guidelines and instruct them to implement management activities for environmentally hazardous substances in accordance with the guidelines. Also, please collect information on the status of compliance with the guidelines from suppliers and provide it to Kyocera.

9. Other

Information submitted to Kyocera will be shared within Kyocera and utilized for the management of Environmentally Hazardous Substances within Kyocera and for responding to inquiries from our customers. Furthermore, for legal compliance, this information may be disclosed to third parties as information regarding Kyocera products.

[Contact]

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[Revision History]

Revision	Date	Revision Summary
1	December 10, 1998	Original was issued
2~15	—	Description omitted
16	February 16, 2026	Full revision of the content ・Change in format from a list of substances to a list of laws and regulations ・Review of included laws and standards ・Table 1~5 has been changed to Annex A and B. ・Format changes in Forms 2 and 3 ・Repeal of Forms 4 and 5 ・Full revision of the text due to the above changes