

# Green procurement standards

Maruho Hatsujyo Kogyo Co., Ltd.

First edition      2021 May 1

With the increasing recognition of global environmental problems as an important issue shared by humankind, we are required to conduct activities aligned with the environment. These include activities such as preventing global warming by reducing emissions of carbon dioxide and other substances, reducing power consumption, constructing a cyclic economic society by reducing waste and recycling, and preventing environmental pollution by managing chemical substances.

We have developed environmental conservation activities by obtaining ISO14001 certification in 2001, etc. In addition, we will further promote these activities to keep up with the increasing environmental awareness of society. To achieve this goal, it's imperative to bolster environmental conservation efforts through collaboration with our suppliers and mitigate environmental impact by sourcing components with lower environmental footprints.

Against this backdrop, we intend to create Green Procurement Standards and promote business activities with a greater emphasis on environmentally friendly products and the environment together with our suppliers.

To advance our adherence to the Green Procurement Standard, fostering collaboration with our suppliers is imperative. We hope to instill in them an understanding of the paramount importance of global environmental issues and encourage their active participation in our conservation efforts.

2021 May 1  
Quality Assurance Group  
Group Manager  
Akihiro Murata

## 1. Purpose

These standards are intended to clarify prohibited or controlled substances in RoHS directives and REACH regulations for chemical substances contained in products and raw materials that are delivered to Maruho Hatsujyo Kogyo Co., Ltd. (hereafter referred to as Maruho Hatsujyo), to clearly inform them to both internally at Maruho Hatsujyo and our suppliers and to procure products and raw materials that have achieved a reduction in the use of environmentally hazardous substances by disseminating these substances to the company and its companies. In promoting our business activities, Maruho Hatsujyo is required to comply with the environmental regulations and we strongly request our suppliers to adhere to them.

## 2. Scope of Application

- 2.1 Materials (parts, raw materials, and sub-materials) that constitute the products delivered to Maruho Hatsujyo.
- 2.2 Those that are in direct contact with the product or used in cleaning, etc. during the manufacturing process.

## 3. Terms and Definitions

Definitions of terms related to this Standard are as follows.

### 3.1 Parts

Used as part of the assembly of machinery and instruments up to the completed products.

### 3.2 Products

Completed articles based on the requested drawings.

### 3.3 Raw materials

The base materials from which the products are made.

### 3.4 Secondary materials

Secondary materials used in the process from manufacturing to ship, excluding raw materials (including surface treatment).

### 3.5 Chemical substances

A collection of elements and their compounds obtained in any manufacturing process.

### 3.6 Environmentally hazardous substances

Substances contained in products, raw materials, etc., or those used at the time of their manufacture, which affect the human body or the global environment.

### 3.7 Prohibited substances

Substances whose inclusion in products is prohibited or restricted.

### 3.8 Controlled substances

Substances that are not prohibited or restricted from being contained in products, but that need to be reported if they exceed the reference value.

### 3.9 Inclusion

Addition, filling, contamination, or attachment to parts and raw materials that comprise the product.

### 3.10 Reference value

Maximum permissible concentration of a substance in a part or material. In the case of a composite component containing multiple materials in a component, the concentration contained in the component is not the value of the whole component as the denominator but the concentration in the homogeneous material containing the target substance.

3.11 Homogeneous material

A material consisting of a single material or a combination of materials with an overall uniform composition that cannot be dismantled or separated into different materials by mechanical means such as screw removal, cutting, crushing, grinding, or polishing.

3.12 SDS

Abbreviation for Safety Data Sheet. Safety data blister.

3.13 ICP analyses

Data measured by ICP emission spectroscopy station.

3.14 RoHS Directive

Directive to limit the use of specific hazardous materials in electronic and electrical devices marketed in the European Union (EU).

3.15 REACH rules

Regulations for registration, evaluation, approval and limitation of chemicals in the European Union (EU).

4. Compliance with environment-related legislation

Adherence to the laws related to environmentally hazardous substances and those related to business activities, as exemplified below.

4.1 Legislation related to substances of concern

e.g., RoHS Directive, REACH Rules, etc.

4.2 Environment-related laws related to business activities

Example: Air Pollution Control Law, Water Pollution Control Law, Soil Pollution Countermeasures Law, Waste Disposal Law, Noise Control Law, Vibration Control Law, Occupational Health and Safety Law, Regulations designated by prefectures, etc.

5. Management of Chemical Substances Contained in Delivered Products

5.1 Control items

(1) Raw materials, external treatment: Metal materials, resin materials, surface treatment, etc.

(2) Oils and fats: Machine oil, lubricating oil, rust-proof oil, washing oil, spray, etc.

(3) Secondary materials: Cardboard, PE bags, buffer, trays, adhesive tapes, etc.

5.2 Hazardous substances control standard

In accordance with the Environmental Impact Substances Standards Table of Maruho Hatsujyo (Appendix 1)

6. Provision of information on environmentally hazardous substances

6.1 Provision of Information on Deliverables

When Maruho Hatsujyo asks for information on the content of environmentally hazardous substances regarding products and raw materials delivered to Maruho Hatsujyo, please promptly provide the information.

#### 6.1.1 Main survey items

- (1) Submit SDS, ICP analyses, etc. of new and previously delivered products.
- (2) Responses to surveys of chemical content in new and existing supplies, including RoHS directives and REACH regulations.

#### 6.2 Regarding changes in materials and manufacturing methods, and information about contained chemical substances

In the event of a change in the material or manufacturing method for a product, please promptly inform us of the change in the chemical substance contained. In addition, when new information on the content of chemical substances is found, please contact t Maruho Hatsujyo.

#### 7.Environmental system audit

7.1 We sometimes conduct on-site checks of suppliers in order to confirm the management system for the content of this standard. In that case, we would appreciate your cooperation.

System audits are conducted by the Quality Assurance Group and the Purchasing Group.

7.2 When requested in 7.1 above, EMS audit check sheets will be sent to the suppliers in advance, and the system audit will be conducted based on the collected data.

#### 8.Contact information

For inquiries regarding the content of these standards, please contact:

〒621-0015

12-1 Yoshida-Iwanoue, Yoshikawa-cho, Kameoka City,

Kyoto prefecture

Maruho Hatsujyo Kogyo Co., Ltd. Spring division Purchasing group

TEL:0771-22-5550 FAX:0771-55-9911

#### Supplementary Provisions

These standards shall be enforced on May 1 2021.

Appendix 1

**Maruho Hatujyo Kogyo Co., Ltd.**  
**Environmental Impact Substances**  
**Standards Tables**

★ **Materials and Exterior**

Type	Corresponding standard	Non-contained substances	Reference value	Evidence	Remarks
Metal materials	RoHS Directive	Cadmium	Below 100ppm	ICP data, Non-inclusion certificate, Non-use certificate	1)When obtaining ICP data, the data shall be obtained from an accredited laboratory. 2)Data shall be obtained from the manufacturer of materials, except for data obtained in-house.
		Hexavalent chromium, Lead, Mercury, PBB, PBDE, DEHP, BBP, DBP, DIBP	Below 1000ppm		
	REACH rules	SVHC (high-concern)	Below 1000ppm	ICP data or Non-inclusion certificate, Non-use certificate	
Plating	RoHS Directive	Cadmium	Below 100ppm	ICP data, Non-inclusion certificate, Non-use certificate	
		Hexavalent chromium, Lead, Mercury, PBB, PBDE, DEHP, BBP, DBP, DIBP	Below 1000ppm		
	REACH rules	SVHC (high-concern)	Below 1000ppm	ICP data or Non-inclusion certificate, Non-use certificate	
Resin material	RoHS Directive	Cadmium	Below 100ppm	ICP data, Non-inclusion certificate, Non-use certificate	
		Hexavalent chromium, Lead, Mercury, PBB, PBDE, DEHP, BBP, DBP, DIBP	Below 1000ppm		
	REACH rules	SVHC (high-concern)	Below 1000ppm	ICP data or Non-inclusion certificate, Non-use certificate	

★ **Fats and oils (machine and lubricant)**

Uses	Corresponding standard	Non-contained substances	Reference value	Evidence	Remarks
Machine oil lubricating oil rust preventive oil cleaning oil Spray oil release agent, etc.	RoHS Directive	Cadmium	Below 100ppm	ICP data, Non-inclusion certificate, Non-use certificate	1)When obtaining ICP data, the data shall be obtained from an accredited laboratory. 2)Data shall be obtained from the manufacturer of materials, except for data obtained in-house.
		Hexavalent chromium, Lead, Mercury, PBB, PBDE, DEHP, BBP, DBP, DIBP	Below 1000ppm		
	REACH rules	SVHC (high-concern)	Below 1000ppm	ICP data or Non-inclusion certificate, Non-use certificate	

★ **Secondary materials**

Type	Corresponding standard	Non-contained substances	Reference value	Evidence	Remarks
Cardboard, PE bag, Cushioning, Tray, Adhesive tape etc.	RoHS Directive	Cadmium	Below 100ppm	ICP data, Non-inclusion certificate, Non-use certificate	1)When obtaining ICP data, the data shall be obtained from an accredited laboratory. 2)Data shall be obtained from the manufacturer of materials, except for data obtained in-house.
		Hexavalent chromium, Lead, Mercury, PBB, PBDE, DEHP, BBP, DBP, DIBP	Below 1000ppm		
	REACH rules	SVHC (high-concern)	Below 1000ppm	ICP data or Non-inclusion certificate, Non-use certificate	