

# **Green Procurement Standards (Ver. 8)**

**ULVAC Group**

**Ver. 8, August 2020**

# Introduction

Viewing environmental conservation as one of the highest-priority challenges for humanity, the ULVAC Group is making contributions towards improving environmental conservation, achieving a more livable planet, and enriching all of society by utilizing the technologies that the Group has developed in the past and will develop in the future in all business activities on which it embarks.

Specifically, as stated in our Environmental Policy:

We will provide products that can contribute to energy conservation, help reduce use of natural resources, and enhance environmental protection in the following ways:

1. Conserve energy, reduce the use of natural resources, and protect the environment during manufacturing processes
2. Conserve energy, reduce the use of natural resources, and protect the environment with our products (systems and components)

Based on this, we will consider the environment throughout the life cycles of our products and contribute to the establishment of a circular economy.

If we intend to provide environmentally sustainable products and services, “green procurement” is essential - that is, procurement of materials that impose less of a burden on the environment. Today, there are increasingly stringent legal regulations regarding environmental initiatives in Europe and elsewhere, and social demands for such initiatives are also increasing. The ULVAC Group views green procurement as an important means of achieving environmental policy. We have therefore established these Green Procurement Standards and will promote environmentally sustainable procurement of supplies.

In recognition of the fact that green procurement is an important responsibility that companies should assume, the ULVAC Group is conducting surveys and assessments of suppliers and procured supplies with regard to environmental impact. Implementing such activities is difficult without the consent of our suppliers. We value collaboration with our suppliers and ask for their understanding and cooperation in promoting further collaboration.

These Green Procurement Standards may be revised in light of future changes in laws, regulations, or social trends.

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# I. Green Procurement in the ULVAC Group

## 1. Purpose and Scope of Application

### 1-1. Purpose of Green Procurement

Today, legal regulations for environmental initiatives in Europe and elsewhere are becoming increasingly stringent, as are social demands for such initiatives. As we seek to pursue business activities in harmony with the environment, it is becoming essential to limit risks posed by chemical substances.

In the ULVAC Group, we aim to reduce the environmental impact of our products by implementing green procurement, in which we procure products, parts, and materials that have the least possible effect on the environment from our suppliers, in order to deliver environmentally sustainable products to our customers.

### 1-2. Scope of Application of Green Procurement

The ULVAC Group\* established these Green Procurement Standards for the purpose of reducing the environmental impact of all supplies procured for inclusion in its products. The Standards define the ULVAC Group's thinking on green procurement and its requests to suppliers. The following procurements are subject to these Standards, and the Standards are applicable to suppliers who provide these items. We ask that our suppliers understand the intent of these Standards and proactively cooperate in the ULVAC Group's green procurement activities.

(See the ULVAC Group\* website.)

Item	Definition
Direct materials	Raw materials, materials, parts, and units incorporated in our products
Indirect materials	Gas, chemicals, and equipment (including accessory parts) used in our manufacturing processes Materials not contained in our products
Packaging materials	Materials used in packaging when shipping our products (cardboard, tape, labels, etc.)

## 2. Environmentally Controlled Substances in the ULVAC Group

The substances subject to procurement management by ULVAC are regulated under the following laws and regulations, which are based on the chemSHERPA declarable substance list provided by the Joint Article Management Promotion (JAMP) consortium.

Laws, regulations, and industry standards
Chemical Substance Control Law of Japan, Class I Specified Chemical Substances
U.S. Toxic Substances Control Act (TSCA) Prohibited or restricted substances (Article 6)
EU ELV Directive 2011/37/EU
EU RoHS Directive 2011/65/EU ANNEX II
EU POPs Regulation (EC) No. 850/2004 ANNEX I
EU REACH Regulation (EC) No. 1907/2006 Candidate List of SVHC for Authorization and ANNEX XIV (Authorisation List)
EU REACH Regulation (EC) No. 1907/2006 ANNEX XVII (Restrictions)
(EU) Medical Devices Regulation (MDR) Annex I 10.4 Chemical Substances
Global Automotive Declarable Substance List (GADSL)
IEC 62474 DB: Declarable substance groups and declarable substances

## II. Requests to Suppliers

We request the following with regard to our green procurement standards.

### 1. Requests to Suppliers (Corporations)

- ① Assess ongoing environmental improvement through the introduction of an environmental management system and other means  
Adoption of a system for continually reducing environmental burden, implemented through the ISO 14001 environmental management system (EMS) and other means
- ② Build a system for controlling chemical substances contained in products  
Adoption of a system that allows information on chemical substances contained in supplies to be appropriately and reliably communicated throughout the supply chain (See “Guidelines for Controlling Chemical Substances Contained in Products” by the Joint Article Management Promotion (JAMP) consortium).
- ③ Upon request, submit documents for the applicable product procurement category to our managing department, as indicated in item 3 below.

### 2. Requests Regarding Deliveries

- ① Confirm that deliveries do not contain ULVAC Group prohibited substances, and declare whether they contain controlled substances.
- ② Proactively display information on chemical substances contained in products.

### 3. Documents to Submit

	chemSHERPA-AI (Or chemSHERPA-CI)	Certification of non-inclusion of chemical substances	SDS	Analytical test results (Based on IEC 62321, etc.)
Direct materials	●	●	▲	▲
Indirect materials	—	●	●	▲
Packaging materials	—	●	●	▲

Suppliers may be asked to submit additional documents, such as analysis results, for reasons such as customer service needs.

●: Documents must be submitted, ▲: Documents must be submitted if requested by ULVAC  
(If there is a ● in the adjacent space, either is acceptable.)

### 4. Request for Cooperation in Survey

The ULVAC Group is strengthening its efforts to deliver environmentally sustainable products to customers, using data on the status of suppliers' efforts regarding environmental conservation as well as the substances contained in materials supplied to the Group that may pose environmental risks. We ask each supplier to cooperate in completing the following survey.

We may suspend business with suppliers that do not meet our standards as indicated in the survey.

Content of the Survey	1) Ongoing environmental improvement system (see section II. 1) 2) System of controlling chemical substances in products (see section II. 1)
Scope of the Survey	All suppliers (See section I. 1. 1-2)
Method of the Survey	Questionnaire distributed by ULVAC
Frequency of the Survey	Prior to commencing transactions, thereafter at contract renewal