Lasertec Corporation

Green Procurement Guidelines

Ver.1

October 2025
Lasertec Corporation

Lasertec Green Procurement Guidelines

Lasertec is committed to addressing societal challenges through its business activities. As part of this commitment, we actively engage in environmental initiatives, including efforts to prevent the progression of global warming, guided by our Environmental Policies. We strive to minimize environmental impact during production and strictly comply with relevant laws and regulations in Japan and abroad, particularly those concerning chemical substances and energy efficiency in products.

The Green Procurement Guidelines serves as Lasertec's operational guidelines for implementing its Environmental Policies and Sustainable Procurement Guidelines. It provides a framework for reducing environmental impact across the entire supply chain.

Lasertec promotes the procurement of environmentally friendly products and services in collaboration with its suppliers, contributing to a sustainable future. We ask for our suppliers' support and cooperation in these efforts.

Specifically, Lasertec encourages suppliers to proactively engage in the following areas:

a. Adoption and operation of an Environmental Management System (EMS)
b. Management and reduction of natural resource usage across all business activities
c. Reduction of environmental impact for products delivered to Lasertec
d. Management of chemical substances in products and disclosure of environmental initiatives undertaken by suppliers

We ask suppliers to comply with all applicable laws and regulations and to stay informed about future amendments. If any non-compliance is discovered, please notify us promptly so we can work together to resolve the issue.

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1. Environmental Policy

We actively engage in environmental protection activities to save the irreplaceable environment of Earth so that we can pass it on to the next generation in as good a condition as possible.

2. Promotion of Environmentally Conscious Management Activities

2-1. Adoption and Operation of EMS

We request that suppliers adopt and operate an Environmental Management System (EMS). We also encourage efforts to obtain and maintain environmental certifications listed in Table 1. If certification has not yet been acquired, please take proactive steps[1] to do so.

Note

1: "Proactive steps" includes setting environmental targets, creating action plans, assigning roles, complying with laws and regulations, reducing energy consumption, managing waste, preparing emergency response plans, managing chemical substances, promoting environmental awareness, and cooperating with audits

Lasertec may conduct audits of your EMS. For details, please refer to Attachment 2: EMS Survey.

Table 1 EMS Certification

Name of Standard	Developed By	Overview
ISO 14001	International Organization for Standardization	International standard for environmental management systems.
KES (Step 2 or above)	Non-Profit Organization KES Environmental Organization	A cost-efficient and approachable EMS standard.
Eco Stage (Eco Stage 2 or above)	Eco Stage Institute, General Incorporated Association	EMS standard closely aligned with ISO 14001.
EcoAction 21	Ministry of Environment	EMS standard managed by the Institute for Promoting Sustainable Societies.

2-2. Management and Promotion of Resource Reduction

We ask suppliers to appropriately manage and actively promote the reduction of environmental resource usage across all business activities, including material procurement, production processes, logistics, sales, and waste management. Key areas of focus include:

a. Air pollution (e.g., monitoring volatile organic compounds, aerosols, corrosive substances, microparticles, ozone-depleting substances, combustion byproducts)
b. Use and emission of hazardous chemicals

c. Solid waste (excluding hazardous waste)
d. Water pollution
e. Resources used in logistics (e.g., pallets and containers)
f. Water usage and energy consumption, CO2 emissions
g. Greenhouse gas emissions (CO2) (Note: Please set a voluntary science-based target aligned with the 1.5°C goal.)
h. Biodiversity preservation

2-3. Reduction of Environmental Burden for Products Delivered to Lasertec

We ask suppliers to actively engage in reducing the environmental impact of products delivered to Lasertec, as well as the materials and parts used in those products. Key initiatives include:

a. Use of Environmentally Friendly Materials
   - Reduce product weight and size
   - Improve product longevity
   - Reuse parts or use recycled materials (aim for high recycled content)
   - Optimize water usage

b. Energy Efficiency
   - Reduce electricity consumption
   - Minimize energy use during standby and operation of electronic device

c. Recycling
   - Collect and recycle used products (aim for high recycling rate)
   - Standardize materials used in products
   - Design for recyclability (ease of sorting and disassembly)

d. Packaging
   - Reduce, collect, reuse, and recycle packaging materials

e. Biodiversity Preservation
   - Minimize ecological impact
   - Optimize chemical usage to reduce environmental burden

2-4. Management System for Chemical Substances in Products

We ask suppliers to establish and operate a management system for chemical substances contained in products[1]. To see which chemicals must be managed, please refer to the list of materials disclosed by the Japan Industry Standards[2] and Joint Article Management Promotion-consotium[3].

Notes

1. Lasertec may audit your chemical management system.
2. JIS Z 7201 Management of chemicals in products-Principles and guidelines
3. Guidelines for the Management of Chemicals in Products

2-5. Strengthening Chemical Substance Management Across the Supply Chain

To ensure secure and efficient chemical substance management throughout the supply chain, we ask suppliers to cooperate in establishing similar systems with their own business partners.

<Supplementary Information> Lasertec's Initiative

Although Lasertec's products (e.g., semiconductor and flat panel display inspection systems) are not subject to the EU RoHS Directive enforced in July 2006, we voluntarily strive to reduce the use of the 10 materials that are indicated in the RoHS Ordinance (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyl (PBB), polybrominated diphenyl ether, di-2ethylhexyl phthalate (DEHP), butyl benzyl phthalate (BBP), di-n-butyl phthalate (DBP), diisobutyl phthalate (DIBP)).

Lasertec complies with the original RoHS Directive and will continue to comply with future amendments.

3. Cooperation in Investigations

3-1. Chemical Substance Information and Environmental Initiatives

To fulfill our obligation to disclose supply chain information, we ask suppliers to report the status of chemical substance management and provide details on environmental initiatives.

Therefore, we ask suppliers to disclose all laws and regulations that your products (including packaging), parts, and materials may be subject to. We also ask suppliers to identify the chemicals listed under chemical guidelines, assess how environmentally friendly they are, and provide their safety handling procedures and instruction on how to handle them.

A. Scope of Application

This applies to all products delivered to Lasertec, including:

1. Products, parts, and materials (including prototypes),
2. Sub-materials (e.g., solder, adhesives, grease, cutting fluids, tape, markers), and
3. Packaging materials (e.g., cardboard boxes, fillers, ink).

However, this does not apply to intangible items (e.g., software) that will be used within Lasertec and not provided externally.

B. Chemical Substance Information

1. Prohibited and Monitored Substances

   Lasertec prohibits and monitors substances listed in the latest chemSHERPA list by JAMP. Please refer to their website for updates.

2. Additional Monitoring Requests

   Based on regulatory trends or customer requests, Lasertec may ask suppliers to investigate and report on substances not yet listed in chemSHERPA.

C. Document and Data

The following materials are requested to be provided by suppliers.

○ = Required documents

△ = Documents that may be requested depending on circumstances

Please note that Lasertec may request additional documentation, including analysis reports, based on customer requirements.

	chemSHERPA-AI[1] chemSHERPA-CI	Declaration of Non-Use/Non-Inclusion of Prohibited Substances[2]	RoHN Survey[3]	SDS	Analysis reports (IEC62321)
Products, parts, materials	○	○	○	△	△
Sub-materials	○	○	○	△	△
Packaging materials	○	○	○	△	△

Notes

1. Please include both composition information and compliance assessment data to support SCIP (Substances of Concern In articles as such or in complex objects).
2. See Attachment 2 for details.
3. See Attachment 3 for the Certificate of Contained Chemical Substances (RoHS).

D. Batteries

Lasertec may request the following information either before or after the delivery of batteries or products containing batteries:

a. Country of regulation and details of applicable regulations
b. Battery installation location and replacement instructions (to be included on labels and in instruction manuals)
c. Chemical substances contained in the batteries
d. Information required for disclosure under the EU Battery Regulation

E. Safety Data Sheet (SDS)

To ensure safe transportation of products, parts, and materials (including maintenance components) from Lasertec to our customers, we may ask you to submit a Safety Data Sheet prior to delivery and to provide information with regards to items listed in Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

a. SDS compliant with GHS, including appropriate labeling
b. Country of regulation and details of applicable regulations
c. Safety measures for transportation

F. Energy Conservation Information

If you supply products[1] or materials subject to energy conservation laws and regulations, please provide the following:

a. Certificate or certified report showing compliance with applicable energy conservation laws

b. Country of regulation and details of applicable regulations

Note

1: This applies to items such as AC adapters and chargers.

Attachment 1

Environmental Management System Self-Assessment Sheet

If your organization does not hold any of the certifications listed in Table 1, please complete this form.

Check all applicable fields under the Supplier column using:

Y = Yes

N = No

N/A = Not Applicable

Supplier Information

Supplier Name:

Department:

Position:

Evaluator Name:

Date of Submission:

No.	Item	ISO Requirement	Criteria	Supplier	Lasertec
1	Environmental Policy	4.2 Environmental policy	(1) The organization has established a corporate philosophy addressing environmental protection.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			(2) The organization has established a policy addressing environmental protection and containing a commitment to continual improvement and prevention of pollution.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			(3) The organization has made a commitment to comply with applicable legal requirements.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			(4) The policy is documented and communicated to all persons working for or on behalf of the organization, and it is available to the public.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
2	Planning and Organization	4.3.3 Objectives, targets and program(s)	(1) The organization has established environmental objectives and targets consistent with its policy.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			(2) The organization has clearly indicated its designation of responsibility for achieving objectives and targets.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐

			(3) The organization has established a program(s) which includes the means by which objectives and targets are to be achieved.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
3	Environmental Impact, Management and Control	4.3.1 Environmental aspects 4.4.6 Operational control 4.5.1 Monitoring and measuring	(1) The organization has assessed and identified the impact of its business activities on the following environmental issues, and put in efforts for improvement.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			i. emissions to air	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			ii. releases to water	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			iii. energy emitted, e.g. noise, vibration	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			iv. use of prohibited chemicals	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			v. waste and by-products	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			vi. use of energy (usage of electricity, gas, water, fuel, etc.).	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			(2) The organization has designated a supervisor managing identified issues (including facilities and work).	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			(3) The organization has a product assessment system to provide products that are environmentally friendly.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
4	Compliance	4.3.2 Legal and other requirements 4.5.2 Evaluation of compliance	(1) The organization identifies environmental laws and regulations as well as industry practices and manages its compliance with them.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			(2) The organization appropriately manages facilities and installations as prescribed by environmental laws and regulations.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
5	Risk Management	4.4.7 Dealing with incidents	(1) The organization has established emergency preparations and procedures to mitigate potential environmental impacts.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
6	Education and Disclosure	4.4.2 Competence,	(1) The organization has established and implements appropriate education and training	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐

		training and awareness 4.4.3 Communication	programs for any person(s) performing tasks for it or on its behalf to achieve environmental targets.		
			(2) The organization ensures any person(s) performing tasks that have the potential to cause a significant environmental impact(s) is (are) competent on the basis of appropriate education and training, and retains records.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			(3) The organization discloses its environmental protection-related information to the public.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
7	Nonconformity	4.5.3 Nonconformity, corrective and preventive measures	(1) The organization has established a procedure(s) for dealing with actual and potential nonconformity(ies) and for taking corrective action and preventive action.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
8	Self-Assessment	4.5.5 Internal audit 4.6 Management review	(1) The organization ensures management receives reports on environmental performance and the extent to which objectives and targets have been met.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
			(2) The organization ensures its environmental management system is continually improved by updating its environmental policies, plans and resource allocations based on its self-assessment.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐
9	Document Management	4.4.4 Documentation	(1) The organization has established and documented the responsibilities and procedures for implementing the actions listed above.	Y: ☐ N: ☐ N/A: ☐	Y: ☐ N: ☐ N/A: ☐

Date of Evaluation:

Attachment 2

Declaration of Non-Use / Non-Inclusion of Prohibited Substances

I hereby declare that all parts and products delivered to Lasertec Corporation neither use nor contain[1] any prohibited substances[2] outlined in the Lasertec Green Procurement Guidelines.[3]

1. "Neither use nor contain" means chemical substances are not used during the manufacturing of the product or component, and the substance is not present in detectable quantities.
2. "Prohibited substances" means chemicals substances listed in the chemSHERPA Guidelines for the Management of Chemicals in Products released by JAMP.
3. If a new chemical substance is added to list in the chemSHERPA Guidelines for the Management of Chemicals in Products released by JAMP, this declaration shall become null and void. A new declaration will be required upon confirmation of the updated substance list.

Scope of Application

This declaration applies to all materials, sub-materials, packaging, and any other items included in the deliverables to Lasertec Corporation.

<Fill in this form and submit in PDF>

Date:

Signature:

Printed Name:

Department:

Company Name:

Company Seal:

Attachment 3

RoHS Survey
Certificate of Contained Chemical Substance

Certificate of Contained Chemical Substance (RoHS)															
Project No.	Part Number	Product Name	Manufacturer	Hazardous Chemical Substances										Anaysis Result	EU RoHS Exemption
				Pb	Cd	Cr(VI)	Hg	Brominated Flame Retardants		Phthalates					
								PBB	PBDE	DEHP	BBP	DBP	DIBP		
				≦ 1000ppm	≦ 100ppm	≦ 1000ppm	≦ 1000ppm	≦ 1000ppm	≦ 1000ppm	≦ 1000ppm	≦ 1000ppm	≦ 1000ppm	≦ 1000ppm	(Analysis Doc No., etc.)	(Exemption Item Number)

Investigation of product content information for 10 restricted substances based on EU RoHS Directove 2011/65/EU*1 and amendments thereafter, Directive 2015/863*2			
*1	EU RoHS Directove 2011/65/EU	Revised RoHS Directive amendment applied from January 3, 201	https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32011L0065
*2	Directive 2015/863	Revised RoHS Directove amendment applied from July 22, 2019	https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32015L0863

Color key		
	Within RoHS Threshold	
	EU RoHS Exemption Applied	*3 Please specify the exemption item number
	Not Compliant with EU ROHS	
	When referring to this data under China RoHS, cells in yellow shall be interpreted as cells in red since China RoHS only has concentration limits and no exemptions like the EU Directive.	

Date of Entry	
Company Name	
Department	
Person in Charge	Seal/Signature
Tel	
E-mail	