

FUJITSU GENERAL Group Green Procurement Standards

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FUJITSU GENERAL LIMITED

Table of Contents

1. About the FUJITSU GENERAL Group Green Procurement Standards.....	2
1.1. Purpose.....	2
1.2. Scope.....	2
2. Requirements for Green Procurement	2
2.1. Establishment of an Environmental Management System (EMS)	2
2.2. Compliance with the FUJITSU GENERAL Group Specified Chemical Substance Requirements.....	3
2.3. Establishment of a Chemical Substances Management System (CMS).....	4
3. Request for Environmental Assessment of Deliverables.....	6
3.1. Labeling for Deliverables That Use Small Secondary Batteries	6
3.2. Energy Saving	6
3.3. Consideration for Recycling.....	6
3.4. Facilitation of Treatment and Disposal	7
3.5. Environmentally Friendly Packaging and Packing Materials	7
4. Disclosure of Information.....	9
4.1. Information on Deliverables.....	9
4.2. Information on Suppliers.....	9
[List of FUJITSU GENERAL Group].....	9
[Revision History]	9

1. About the FUJITSU GENERAL Group Green Procurement Standards

1.1. Purpose

The FUJITSU GENERAL Group engages in environmental activities across all business areas and promotes the procurement of environmentally friendly products as part of these efforts. These standards outline the fundamental concept of the FUJITSU GENERAL Group regarding green procurement, as well as specific requests made to our suppliers.

1.2. Scope

These standards have been established as common standards for the FUJITSU GENERAL Group and shall apply to the deliverables procured for products sold by FUJITSU GENERAL Group to customers, as well as to the suppliers of such deliverables. The term “Deliverables” as used herein refers to materials, components, units, accessories, packaging and packing materials, OEM/ODM products, software, services, and auxiliary materials used in manufacturing. Equipment, IT devices, stationery, and office supplies used internally within the FUJITSU GENERAL Group are excluded.

In these standards, the term “FUJITSU GENERAL Group” refers to our affiliated companies listed on page 9.

If any FUJITSU GENERAL Group company presents its own specific standards, or if separate requirements are specified in individual purchase specifications or drawings, they shall take precedence.

2. Requirements for Green Procurement

The requirements for “Green Procurement” that the FUJITSU GENERAL Group requests from its suppliers are as shown below (Table 1).

The FUJITSU GENERAL Group promotes procurement from suppliers that meet these requirements.

Table 1 Green Procurement Requirements for Suppliers

	Requirements	Suppliers of Materials and Components*	Suppliers Other Than Those for Materials and Components	Section
(1)	Establishment of an Environmental Management System (EMS)	○	○	2.1
(2)	Compliance with the FUJITSU GENERAL Group Specified Chemical Substance Requirements	○	—	2.2
(3)	Establishment of a Chemical Substances Management System (CMS)	○	—	2.3

*Suppliers of materials and components: Suppliers that deliver structural components for FUJITSU GENERAL Group products or OEM/ODM products.

2.1. Establishment of an Environmental Management System (EMS)

The FUJITSU GENERAL Group requests its suppliers to establish an Environmental Management System (EMS) in order to autonomously and continuously promote and improve environmental conservation activities. In principle, a third-party certified EMS such as ISO 14001 is required; however, if this is not feasible, suppliers are requested to establish an EMS that follows the PDCA cycle in a manner appropriate to their own circumstances.

2.2. Compliance with the FUJITSU GENERAL Group Specified Chemical Substance Requirements

The FUJITSU GENERAL Group has established chemical substance regulations applicable to deliverables (components of FUJITSU GENERAL Group products, OEM/ODM products, and packaging and packing materials) and requests its suppliers to comply with these regulations.

1) Concept for the selection of specified chemical substances

The applicable chemical substances are defined with reference to internationally regulated substances such as those covered by the EU RoHS Directive, the REACH Regulation, and Japan's "Chemical Substances Control Law" (CSCL), including "Class I Specified Chemical Substances."

For details, please refer to section 2) below. For information disclosure regarding the content of specified chemical substances, refer to section 4.1. "Information on Deliverables."

2) FUJITSU GENERAL Group specified chemical substances

Deliverables (components of FUJITSU GENERAL Group products, OEM/ODM products, and packaging packing materials) shall comply with the following requirements a) to c) as specified by the FUJITSU GENERAL Group.

However, if individual specifications are provided in purchase specifications, drawings, or other related documents (for example, designations concerning chemical substances other than those listed below, different prohibited content conditions, or applications of different exemptions), such specifications shall take precedence.

In addition, packaging and packing materials handled by the supplier (or a carrier contracted by the supplier) that are not unpacked by the FUJITSU GENERAL Group and are delivered to the FUJITSU GENERAL Group's customers as are also subject to these requirements. Please also refer to section 3.5, "Environmentally Friendly Packaging and Packing Materials," for requests concerning the implementation of environmental assessments.

*For FUJITSU GENERAL Group specified chemical substances, please refer to the "FUJITSU GENERAL Group Specified Chemical Substances List" available at the URL below.

<https://www.fujitsu-general.com/jp/corporate/procure/green.html>

a) Prohibited substances

- ◆ Deliverables (including packaging and packing materials) are, in principle, prohibited from containing the chemical substances listed in Tables 1A, 1B, and 1C of the "FUJITSU GENERAL Group Specified Chemical Substances List."
- ◆ For the applicable substances and the prohibited content conditions, refer to Tables 1A, 1B, and 1C, as well as the remarks section of the "FUJITSU GENERAL Group Specified Chemical Substances List."
- ◆ Substances that fall under the exemptions for banned, prohibited substances indicated in the Fujitsu General Group List of Specified Chemical Substances are excluded from the scope.

b) Reportable substances

- ◆ If deliverables (including packaging and packing materials) contain any regulated chemical substances listed in Tables 2A or 2B of the "FUJITSU GENERAL Group Specified Chemical Substances List," please report the content, material composition, usage and other relevant information.

- ◆ For applicable regulations or substances, refer to Tables 2A and 2B, as well as the remarks section of the “FUJITSU GENERAL Group Specified Chemical Substances List.”
- ◆ For substances newly identified as potential candidates for laws and regulations, reporting may be requested without waiting for revisions to these standards.

c) Regulated substances in the countries or regions of delivery

- ◆ Even for substances not covered under sections a) and b) above, please ensure compliance with the labor safety-related regulations of each delivery destination country (for example, when delivering to overseas FUJITSU GENERAL Group), in addition to regulations concerning chemical substances contained in products.

2.3. Establishment of a Chemical Substances Management System (CMS)

The FUJITSU GENERAL Group requests its materials and components suppliers to establish a Chemical Substances Management System (CMS). To comply with regulations such as the EU RoHS Directive, the REACH Regulation, China’s “Administrative Measures for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products” (China RoHS), and Japan’s J-Moss, it is essential to manage specified chemical substances contained in products. Therefore, each company within the supply chain is required, as part of its social responsibility, to conduct “proper and effective management” of the chemical substances contained in its products.

Against this background, the industrial sector as a whole has been promoting the standardization of management guidelines for chemical substances contained in products through initiatives such as publication of the “Chemical substances management guideline”^{*1} by the Chemical and Circular Management Platform Consortium (CMP Consortium (formerly JAMP)) and the establishment of “JIS Z 7201”^{*2} by the Japanese Industrial Standards Committee (JISC).

The FUJITSU GENERAL Group, in line with the intent of the above “Chemical substances management guideline” and “JIS Z 7201,” has prepared a “CMS Check Sheet” that clearly defines specific items to be implemented by its suppliers. An overview of the CMS requirements requested by the FUJITSU GENERAL Group is provided in Table 2.

To confirm the establishment and operation status of the CMS, the FUJITSU GENERAL Group conducts audits at the manufacturing sites of its suppliers based on the “CMS Check Sheet.” Based on the audit results, the FUJITSU GENERAL Group requests improvements for those items deemed insufficient and provides support for CMS establishment as necessary. If no improvement is observed, a review of the business relationship may be conducted.

Details will be explained individually to suppliers requested to establish a CMS.

*1: The guidelines can be downloaded from the CMP Consortium (formerly JAMP) website (<https://cmp-consortium.com/english>).

*2: JIS Z 7201: “Management of Chemical Substances in Products — Principles and Guidelines,” revised on December 20, 2017.

Available on the JISC website. (<http://www.jisc.go.jp/index.html>)

Table 2 Requirements for CMS

Item	Required Item	Overview of Requirements
1	Policy	Clarification of the management policy by executive management and business leaders
2	Clarification of Management Standards	Clarification of procedures for managing legal regulations, industry standards, and customer requirements
3	Clarification of Management Scope	Clarification of products, processes, structural components, and chemical substances to be managed
4	Establishment of Objectives and Planning of Operational Processes	Clarification and review of objectives and plans
5	Clarification of Organizational Structure, Responsibilities, and Authorities	Clarification of the roles and responsibilities of departments involved in management
6	Design and Development	Verification of conformance to requirements during the design and development process, etc.
7	Acquisition and Verification of Information of Chemical Substances in Products	Establishment of a mechanism for obtaining and verifying information from suppliers
8	Purchase Management	Communication of requirements to suppliers, etc.
9	Incoming Inspection	Verification of conformity to internal standards upon receipt of materials
10	Process Management	Clarification of management practices, identification control, and contamination prevention in processes where the content of chemical substances may change, etc.
11	Confirmation at the Time of Shipment	Verification of conformity to internal standards at the time of product shipment
12	Traceability	Clarification of product traceability
13	Change Management	Clarification of procedures for handling changes related to chemical substance management (design, process, suppliers, etc.)
14	Response to Nonconformities	Clarification of procedures for handling nonconforming products
15	Education and Training	Clarification of training content
16	Documentation and Its Management	Clarification of procedures for the control and storage of documents and records
17	Communication	Establishment of a system for information sharing
18	Performance Evaluation and Improvement	Evaluation and improvement of management implementation through internal audits and other means

The required items and their contents shall be reviewed as necessary.

3. Request for Environmental Assessment of Deliverables

Please ensure compliance with laws and regulations applicable to the deliverables. In addition, we request that, to the extent possible, environmental assessments described in sections 3.1 to 3.5 below be conducted for the deliverables. If individual specifications are provided in purchase specifications, drawings, or other related documents, such specifications shall take precedence.

3.1. Labeling for Deliverables That Use Small Secondary Batteries

Deliverables using small secondary batteries shall comply with the relevant laws and regulations of each country and ensure appropriate labeling, such as legally required recycling marks, as well as accessibility for easy removal.

3.2. Energy Saving

To the extent possible, deliverables shall minimize power consumption during both operation and standby modes and strive to comply with the standards listed in the following items.

1) Possession of a power-saving function

Deliverables capable of having independent power-saving functions shall have features such as automatically reducing power consumption in areas other than the main power supply, or operating in a mode that disconnects part of the system through operator control or scheduling functions.

2) Compliance with the Act on Rationalizing Energy Use

- If the deliverables fall under specified equipment as defined by law, they shall comply with the following standards.
- The energy consumption efficiency shall be properly labeled in accordance with the law.
- Efforts shall be made to achieve the target standards for energy consumption efficiency specified by law.

3) Conformance to the International Energy Star Program Standards

If the Deliverables fall under products covered by the International Energy Star Program, efforts shall be made to meet the power consumption criteria specified by the program.

3.3. Consideration for Recycling

Deliverables shall be designed with consideration for ease of recycling and shall strive to comply with the following standards.

1) Standardization of plastic materials

Deliverables shall, to the extent possible, standardize the types of plastic materials used.

2) Use of easily recyclable plastic materials

To the extent possible, deliverables shall avoid the use of thermosetting plastics that are difficult to recycle, and instead use general-purpose plastic materials or other materials that are easy to recycle.

3) Restriction on the use of polyvinyl chloride (PVC)

Except for applications such as cable sheathing and insulation materials for electronic components (e.g., heat-shrinkable tubing), deliverables shall minimize the use of polyvinyl chloride (PVC) to the extent possible.

4) Coating on plastics

To the extent possible, deliverables shall avoid coating or plating the surfaces of plastic materials, as such treatments make material recycling more difficult.

5) Material identification marking

Deliverables shall ensure that all plastic parts weighing 25 g or more and having a flat area of 200 mm² or larger are labeled in accordance with JIS or ISO standards.

In addition, labeling of flame retardants shall be implemented, as far as possible, in accordance with JIS K 6899-4 (ISO 1043-4).

6) Materials used for documents attached to the deliverables

Manuals and other documents attached to the deliverables shall comply with the following standards.

- All pages of the documents shall be printed on recycled paper.
Alternatively, virgin pulp paper that is environmentally friendly, such as FSC-certified paper, may be used.
- Plastic coating that hinders recycling shall not be applied to document covers or similar parts.

3.4. Facilitation of Treatment and Disposal

Deliverables shall be designed with consideration for ease of treatment and disposal after use and shall strive to comply with the following standards.

1) Consideration for separability and disassemblability, and reduction of composite parts

Deliverables shall be capable of being separated and disassembled into identical materials or single-material units using bare hands or general tools (such as screwdrivers, wrenches, spanners, hex keys, tweezers, nippers, pliers, and hammers), except in cases where the use of special screws or other measures is required to prevent modification, or where disassembly must be made difficult to prevent fire hazards or to ensure human safety.

3.5. Environmentally Friendly Packaging and Packing Materials

The packaging and packing materials of the deliverables shall strive to comply with the standards specified in the following items.

(A) For packaging and packing materials that are not unpacked by the FUJITSU GENERAL Group and are delivered to the FUJITSU GENERAL Group's customers as is

(Examples of such products: software media and optional items sold separately as FUJITSU GENERAL Group products)

1) Materials for packaging and packing

Materials for packaging and packing shall comply with the following standards.

- ◆ Corrugated cardboard shall contain at least 70% recycled paper.
- ◆ Paper-based materials shall not be coated with plastic or laminated with art paper. In addition, printing inks used on outer cartons shall, to the extent possible, be inks with reduced petroleum-based solvents or inks containing plant-derived components.
- ◆ Except where no appropriate alternative materials are available, polyvinyl chloride (PVC) shall not be used.

- ◆ Protective bags, unless they are of a special type, shall be made only of paper-based materials or easily recyclable plastics such as polyethylene or polypropylene.
- ◆ Paper bags shall not be coated with plastic or have plastic films attached to window sections.

2) Labeling on packaging materials

Packaging materials shall comply with the following standards and bear appropriate labeling.

- ◆ They shall meet local labeling requirements in each country or region where the products are distributed.

(B) For packaging and packing materials of products that are unpacked by the FUJITSU GENERAL Group

1) General requirements

- ◆ To the extent possible, amounts of hazardous heavy metals such as cadmium, mercury, lead, and hexavalent chromium shall be minimized.
- ◆ To the extent possible, efforts shall be made to recover and reuse packaging and packing materials.
- ◆ Except where no appropriate alternative materials are available, polyvinyl chloride (PVC) shall not be used.
- ◆ To the extent possible, packaging and packing materials made of materials that are difficult to recycle (e.g., urethane foam) shall be avoided.

2) Pallet loading

- ◆ To the extent possible, pallets shall be designed to allow repeated use.
- ◆ Pallets shall be made of recyclable materials.
- ◆ The number of wraps of stretch film shall be kept to a minimum.
- ◆ To the extent possible, the use of polypropylene (PP) bands shall be avoided.

3) Packaging boxes

- ◆ Corrugated cardboard with a high content of recycled paper shall be used.
- ◆ To the extent possible, substances that hinder recycling shall not be mixed or attached to the packaging and packing materials.

4) Inner packaging and packing materials (cushioning materials, trays, tapes, dividers, etc.)

- ◆ Efforts shall be made to simplify packaging.
- ◆ To the extent possible, laminating different types of materials shall be avoided.
- ◆ The use of adhesive tapes shall be minimized.
- ◆ Plastic packaging materials, except for special applications, shall be made of general-purpose plastics such as polypropylene (PP), polyethylene (PE), or polystyrene (PS).
- ◆ Where possible, plastic packaging and packing materials shall be labeled in accordance with JIS or ISO standards.

5) Product packing method

- ◆ When a specific unit quantity per box is designated, products shall be packed according to that unit.
- ◆ Products shall be packed in such a way that volume efficiency within the packaging box is maximized.

4. Disclosure of Information

Please provide the information specified in sections 4.1. and 4.2. by the deadline requested by the contact department.

4.1. Information on deliverables

- ◆ Information on chemical substances contained in products (including constituent materials by usage location, types of chemical substances, purposes of use, content, and content rate)
*Use the chemSHERPA format provided by the information communication scheme operated by CMP Consortium (formerly JAMP).
- ◆ Information regarding non-contained of specified chemical substances, etc.
This includes declarations of conformity with legal requirements related to RoHS-regulated substances and other survey formats conducted as needed in response to changes in regulatory requirements.
- ◆ Measurement results for materials used
*Measurement methods necessary for evaluation and control shall conform to IEC 62321.
- ◆ Assessment results when requested to submit information in accordance with the FUJITSU GENERAL Group product environmental assessment standards for OEM products
- ◆ Various information necessary to ensure quality, performance, and environmental compliance when the production conditions of the deliverables are changed (4M changes)

4.2. Information on Suppliers

- ◆ Status of environmental conservation initiatives
*To be reported using the FUJITSU GENERAL Group Environmental Survey Form or equivalent documentation.

[List of FUJITSU GENERAL Group]

Item	Official Company Name
1	FUJITSU GENERAL LIMITED
2	FUJITSU GENERAL ELECTRONICS LIMITED
3	FUJITSU GENERAL (THAILAND) CO., LTD.
4	FUJITSU GENERAL AIR CONDITIONING R&D (THAILAND) CO., LTD.
5	FGA (THAILAND) CO., LTD.
6	FUJITSU GENERAL (SHANGHAI) CO., LTD.
7	FUJITSU GENERAL CENTRAL AIR-CONDITIONER (WUXI) CO., LTD.

The number of FUJITSU GENERAL Group is subject to increase or decrease in the future.

[Revision History]

September 5, 2025 (First Edition) First Edition Established

[Contact Information]

FUJITSU GENERAL LIMITED

Global Procurement Department

e-mail: green-proc-cs@fujitsu-general.com

[Source of These Procurement Standards]

<https://www.fujitsu-general.com/jp/corporate/procure/green.html>