



FICT Green Procurement Standards

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FICT

The Future is Interconnected

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Discover a more connected future with interconnect technology.

Our vision for the future is to build a productive and sustainable advanced information network society. We believe that by connecting people and technology, we can move towards a more interconnected world.

Equipped with high-quality technology and relentless determination, we promise to co-create new value with our customers and partners.

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1. About the FICT Green Procurement Standards

1.1. Purpose

The FICT is engaged in environmental activities in its business areas, and as part of these activities, it promotes the procurement of materials, chemicals, and units that have less environmental impact. This standard describes the basic concept of FICT regarding green procurement and the specific content of requests from suppliers.

1.2. Scope

This standard has been established as a standard of FICT, and is applied to products procured for the purpose of applying it to products to be sold to customers, and its suppliers. "Deliverables" here refer to materials, chemicals, units, packaging materials, etc. used in our company products. This does not include office automation equipment, stationery, office supplies, etc. used internally by FICT.

2. Green Procurement Requirements

The requirements for "green procurement" that FICT requires from suppliers are as follows.

FICT promotes procurement from suppliers that meet these requirements.

2.1. Establishment of Environmental Management System

FICT asks suppliers to establish an environmental management system (EMS) in order to promote environmental conservation activities while autonomously and continuously improving them. In principle, we use third party certification EMS such as ISO 14001, but if it is not possible, we would like you to construct an EMS that includes the use of water and PDCA in accordance with the situation of the supplier.

As specific activities, FICT is working to (1) reduce greenhouse gas emissions, (2) reduce the total amount of waste generated, and (3) reduce water consumption.

*Scope 3 is also becoming important in reducing greenhouse gas emissions. model that can be disclosed as needed

Please submit the data by the circumference.

*A classification in the GHG Protocol, an international standard for calculating greenhouse gases established in 2011. business of a corporation

Emissions associated with activities that are not owned or controlled by the company itself. This refers to emissions from the manufacture of products purchased by the company or from the use of products by consumers.

2.2. Compliance with regulations on FICT-designated chemical substances

The FICT has established chemical substance regulations that apply to delivered products, and requires suppliers to comply with these regulations.

1) Approach to Selection of Designated Chemical Substances

The applicable chemical substances are specified with reference to substances related to international laws and regulations such as the EU RoHS Directive and the REACH Regulation, as well as "Class I Specified Chemical Substances" under Japan's Law Concerning the Examination and Regulation of Manufacture, etc. of Chemical Substances (Chemical Substances Control Law). For details, refer to 2) below. For information disclosure regarding the inclusion of designated chemical substances, please refer to "Disclosure of Information on Deliverables" in Section 4.1.

2) FICT-designated chemical substances

Deliverables must comply with the following regulations (a) to (e) set forth by the FICT.

However, if there are individual specifications (For example, designation of chemical substances other than the following substance groups, different prohibition standards, or application of different exclusion uses, etc.) in the purchase specifications or drawings, they take precedence.

*For FICT designated chemical substances, please refer to the "List of FICT Designated Chemical Substances" on the following URL.

=> <https://www.fict-g.com/sustainability/supplychain/>

*The basic approach to the management of designated chemical substances is described in the "Guideline for Non-inclusion Management of FICT Designated Chemical Substances".

(<https://www.fict-g.com/sustainability/supplychain/>).

a) Prohibited substances

- As a general rule, Deliverables must not contain chemical substances listed in Table 1 of the FICT List of Designated Chemical Substances.

- Refer to "List of FICT Designated Chemical Substances" and notes for details such as target substances, inclusion prohibition standards, and calculation of inclusion rates.

Please.

- Excluded use of prohibited substances listed in the "FICT Designated Chemical Substances List" shall not be subject to prohibition.

I will.

b) Reported substances contained

- If Deliverables (including packaging materials) contain any of the chemical substances listed in Table 2 of the "List of Designated Chemical Substances designated by the FICT", ascertain whether the Deliverables meet the "Conditions of the target substance" and, if so, report the mass, intended use, and location of the target substance.
- Refer to Table 2 and Notes of the "List of FICT Designated Chemical Substances" for details such as target substances, target conditions, content of record management, and content rate calculation.
- In the future, we plan to add substances that require information transmission due to international laws and regulations, such as "candidate substances for approval" under the REACH Regulation, to the list of substances to be included in the report. If these substances are contained, we may ask you to report them before this standard is revised.

c) Controlled substances contained

- If Deliverables contain any of the chemical substances listed in Table 3 of the "List of Designated Chemical Substances designated by the FICT", ascertain whether the Deliverables meet the "Conditions of the target substances", and if so, record and manage the mass, use, and parts of the target substances.
- Refer to Table 3 and the notes in the "List of FICT Designated Chemical Substances" for details such as target substances, target conditions, content of record management, and content rate calculation.

d) Prohibited substances in manufacturing

- The use of chemical substances listed in Table 4 of the "FICT Designated Chemical Substances List" is prohibited during the manufacture of Deliverables. However, with the exception of HCFCs, please try to reduce the amount of HCFCs used by minimizing emissions.
- This does not apply to products that are not used in the manufacturing process, such as analysis, measurement, and product development, or to refrigerators and air conditioners.

e) Substances subject to laws and regulations in destination countries and regions

- Even for substances not covered by a) through d) above, if there are laws and regulations regarding contained or used chemical substances in the destination country or region, please comply with the relevant laws and regulations. The main domestic and overseas laws and regulations concerning chemical substances contained in products are listed below for reference. However, it does not cover everything, so please check if necessary.

(Japan)

- Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.
- Industrial Safety and Health Law
- Request for disclosure of information on regulated substances under the Law for Promotion of Effective Utilization of Resources (3R Law) (J-Moss)
- Law Concerning the Protection of the Ozone Layer through the Control of Specified Substances and Other Measures (Ozone Layer Protection Law)
- (Overseas)
- EU Member States: RoHS Directive, REACH Regulation "Restrictions"
- Switzerland: Government decree on risk reduction in the handling of certain dangerous substances, preparations and articles (Chemical Risk Mitigation Ordinance, ChemRRV)
- Norway: Product Regulations
- USA: Toxic Substances Control Act (TSCA)
- China: Control Valve for Restriction of Hazardous Substances in Electrical and Electronic Products (Chinese RoHS)

2.3. Establishment of Chemical Substances Management System

FICT requires its suppliers to establish a system for chemical substances contained in products (CMS). In order to comply with the EU RoHS Directive and REACH regulations, China's Law Concerning the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products (Chinese RoHS), and Japan's J-Moss, it is necessary to manage specified chemical substances contained in products. As a result, companies in the supply chain are required to implement appropriate and effective management of chemical substances contained in their products as a social responsibility.

Against this backdrop, the entire industry is working to standardize management guidelines for chemical substances contained in products in accordance with the publication of the Guidelines for the Management of Chemical Substances in Products * 1 by the Joint Article Management Promotion-consortium (JAMP) and JIS Z 7201 * 2 by the Japan Industrial Standards Institute (JISC). In accordance with the above Guidelines for the Management of Chemical Substances in Products and JIS Z 7201, FICT has created a CMS Check Sheet that clarifies specific items that suppliers must implement. Please refer to Table 2 for the outline of CMS that FICT requires from suppliers.

In order to confirm the status of CMS establishment and operation, FICT visits suppliers' manufacturing sites and conducts audits based on the CMS Check Sheet. In addition, based on the audit results, requests are made for improvements for items that are not sufficiently implemented, and support is provided for the establishment of CMS. If there is no improvement in the end, we may review the transaction.

We will explain the details individually to the suppliers who request to establish CMS.

*1: Guidelines are available for download from the JAMP home page (<https://chemsherpa.net/>)

*2: JIS Z 7201: "Management of Chemical Substances in Products: Principles and Guidelines" published on August 20, 2012
Available on the JISC website (<http://www.jisc.go.jp/index.html>).

3. Request for implementation of environmental assessment for delivered products

Please comply with all applicable laws and regulations. In addition, it is requested that the following 3.1 ~ 3.2 environmental assessments be conducted as much as possible for the delivered products. In addition, if there are individual specifications in the purchase specifications, drawings, etc., they should be given priority.

3.1. Ease of disposal and disposal

Pay attention to the ease of disposal of deliverables after use and strive to comply with the following standards.

1) Consideration for separation and disassembly and reduction of composite parts

Deliverables can be separated and disassembled into the same material and material unit with bare hands and general tools (Phillips Screwdriver, Nut Turning, Spanner, Hex Wrench, Tweezers, Nippers, Pliers, Hammer), except when special screws are required to prevent modification or when disassembly is difficult for reasons such as fire prevention or safety to human bodies.

3.2. Environmentally Conscious Packaging Materials

Endeavor to comply with the following standards for packaging materials of deliverables.

1) Common Items

- Reduce the amount of harmful heavy metals such as cadmium, mercury, lead and hexavalent chromium as much as possible.
- To collect and reuse as much as possible.
- Polyvinyl chloride should not be used unless there is no suitable substitute.
- Packaging materials that are difficult to recycle (e.g. urethane sponge) should not be used as much as possible.

2) About Pallet Loading

- The pallet shall have a structure that can be used repeatedly as much as possible.
- Pallet materials shall be recyclable.
- To reduce the number of turns of a stretch film as much as possible.
- Do not strap PP as much as possible.

3) About the packing box

- Use corrugated cardboard with high recycled content.
- As far as possible, do not mix or attach substances that prevent regeneration.

4) Internal packaging materials (Cushioning materials, trays, tapes, partition boards, etc.)

- Make efforts to simplify packaging.
- Pasting of different materials should be avoided as much as possible.
- Use of adhesive tape should be minimized.
- For plastic packaging materials, general-purpose plastics such as PP, PE and PS should be used except for special applications.
- When labeling is possible, plastic packaging materials should be labeled according to JIS or ISO standards.

4. disclosure of information

If you request disclosure of the information described in Sections 4.1 and 4.2, please respond promptly by the designated date.

4.1. information about the delivered product

- Component information on the materials used (types of constituent materials, and whether or not FICT designated chemical substances are contained, content, content percentage, Purpose of use, site of use, etc.)

*It depends on the communication scheme (chemSHERPA) operated by JAMP and the format specified by the customer.

- Information on the non-inclusion, etc. of designated chemical substances
According to the certificate of non-use, certificate of non-use, and certificate of compliance with regulations.
- Composition analysis data of used members, etc.

*The analysis methods required for evaluation and management are in compliance with IEC 62321.

- Assessment results when OEM products are requested to submit information on FICT product environmental assessment rules
- Quality, performance, and environmental risks associated with changes in production conditions (4M changes) for materials used in the past.

4.2. Information about business partners

- Status of environmental conservation activities

*We will conduct regular surveys using the FICT Environmental Survey Form, etc., and we appreciate your cooperation.

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