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1. Preface

The PFU Group adheres to the PFU action principle, "We make everything Green". Striving to conserve a clean environment for the next generation is one of the most important policies of management and environmental protection.

From this approach, we drafted the PFU Group Environmental Policy to promote environmental management in a way that reflects the distinct nature of our business.

Our specific goal was to clarify the "Environmental Protection Program", and through this we aim to implement "Green IT Evolution" which promotes environmentally friendly solutions and production to reduce the impact on the environment.

With regard to procurement, PFU Group has put its policies into shape as PFU Group Green Procurement Direction, and has asked suppliers to conform to its requirements.

PFU Group will continue promoting green procurement activities based on this Direction, and taking social responsibility for the global environmental protection. We are grateful if suppliers understand PFU Group's environmental activities and step forward with us to accomplish the same goals.
2. PFU Group’s environmental policy

PFU’s Environmental Commitment lays out the basic philosophies by which PFU Group aim to tackle environmental protection and global environmental issues.

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<th>Environmental Commitment</th>
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<tr>
<td>(1) Organize for collective strength.</td>
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<td>2. Action Principles</td>
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<td>(1) Business activities should consider environmental impacts.</td>
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<td>(3) Technologies that help preserve the environment should be developed.</td>
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<td>(5) Environmental strategies and cooperative activities that contribute to society should be pursued.</td>
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<td>(7) Systems that promote environmental protection should be established.</td>
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<td>(8) Shareholder and affiliated companies should collaborate.</td>
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<td>(9) Information should be disclosed, and self evaluations fed back into the system.</td>
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</table>
3. Introduction to the PFU Group Green Procurement Direction

3.1. Purpose

PFU Group performs environmental activities in all business areas based on the concept of "The green policy 21 - We make every activity green". As part of these activities, it promotes the procurement of lower-environmental-load products.

This Green Procurement Direction describes the philosophy on which PFU Group’s green procurement activities are based and specifies what we want suppliers to fulfill.

PFU Group will promote global environment protection activities in cooperation with suppliers, based on this Green Procurement Direction.

3.2. Scope

This Green Procurement Direction has been established as a common direction of the entire PFU Group companies, and applies to procured products or goods that are applied to products sold by PFU Group to customers as well as to their suppliers themselves.

In this Direction, "procured products or goods" shall mean material, components, units, accessories, packaging materials, OEM/ODM products, equipment, software and services, etc., except for office automation equipment, stationery, or business consumables, etc., which are internally used in PFU Group.

The PFU Group Companies in this Direction shall mean subsidiaries or affiliates of PFU Limited, which are shown in the Attachment 1.

In this regards, however, if a member company of PFU Group presents its own direction because of its customers’ specific requirements or a particular business style, suppliers are also requested to primarily observe such its own direction.
4. Green procurement requirements to be fulfilled by suppliers

PFU Group requires its suppliers to observe mainly the following five requirements, which the concepts are shown in Table 1.

PFU Group promotes procurement from suppliers who observe these requirements. In details about each requirement, please see Section 4.1 through 4.5.

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<th>Requirements</th>
<th>Material/parts suppliers*</th>
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<td>(1) Establishment of EMS (Environmental Management System)</td>
<td>Required</td>
<td>Required</td>
<td>4.1</td>
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<td>(2) Compliance with regulations for PFU Group specified chemical substances</td>
<td>Required</td>
<td>N/A</td>
<td>4.2</td>
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<td>(3) Establishment of CMS (Chemical substances Management System)</td>
<td>Required</td>
<td>N/A</td>
<td>4.3</td>
</tr>
<tr>
<td>(4) Approaches towards limiting or reducing CO₂ emissions</td>
<td>Required</td>
<td>Required</td>
<td>4.4</td>
</tr>
<tr>
<td>(5) Approaches towards biodiversity conservation</td>
<td>Required</td>
<td>Required</td>
<td>4.5</td>
</tr>
</tbody>
</table>

*MATERIAL/PARTS SUPPLIERS: SUPPLIERS WHOSE DELIVERABLES ARE EQUIPPED TO PFU GROUP’S PRODUCTS OR SUPPLIERS OF OEM/ODM PRODUCTS

4.1. Establishment of EMS

PFU group requires suppliers to establish an EMS. In principle, suppliers are requested to have an EMS certified by a third-party organization such as ISO14001. If you are a supplier which doesn’t have any EMS, we will request you to establish either Level 1 or Level 2 of EMS shown below.

We support suppliers to improve their knowledge and skills for establishing a third-party EMS by making them operate Level 1 and Level 2 of EMS.

[ EMS levels ]

Level 3: Third-party certified EMS such as ISO14001 or ISO14005 compliant or others (including Eco Action 21, Eco Stage and KES which are Japanese major EMSs.)

Level 2: FJEMS, Supplier’s own EMS
- FJEMS, only available in Japanese, is Fujitsu group’s original EMS having basic elements of ISO14001. Suppliers which want to establish a third-party certified EMS in the future can efficiently learn EMS operations by conducting its PDCA steps.
- Supplier’s own EMS is an EMS uniquely established and operated by a supplier.

Level 1: Supplier’s environmental conservation activities & representative’s name of the
activities
(This EMS level is confirmed by our survey form for environmental activities.)

Figure 1 EMS implementation levels required for suppliers
4.2. Compliance with regulations on PFU Group specified chemical substances

1) Our concepts for chemical substances to be controlled:

PFU Group has defined its own regulations on chemical substances related to Deliverables which are equipped to PFU Group’s products, or OEM/ODM products and packaging materials (hereinafter collectively called “Deliverables” in this Green Procurement Direction), and requested its suppliers to comply with the regulations. With respect to the chemical substances, PFU Group has defined herein substances by referring to those related to international laws such as EU’s RoHS Directive or REACH Regulation, and the Class I substances specified by Japanese Chemical Substances Control Law, etc. In detail, please refer to the following. As for “Disclosure of information on deliverables”, please refer to the Section 6.1.

2) PFU Group specified Chemical substances:

Deliverables shall comply with the following regulations in the articles a). through e).

However, if there are particular designations or directions in a purchase specification, drawing or other similar kind of document that includes, for example, designation regarding other chemical substances, other “standards of ban”, or other “exempted applications”, such designations or directions will prevail.

“Packaging materials” herein also include the cases that they are packed by suppliers (or by a carrier that the suppliers entrust packaging) AND supplied directly to customers of PFU Group without being unpacked by PFU Group. In addition, also refer to the section 5.5 (Environmental considerations for packaging materials), which includes a few requests regarding environmental assessment.

[Note]

・As for fundamental ideas regarding control of PFU Group specified chemical substances, also refer to “Guideline regarding non-containment management on Fujitsu Group specified chemical substances” (http://www.fujitsu.com/global/about/procurement/green/)

・The latest version of “Standard for the Control of Chemical Substances in Products (A1PA00500-0012)” is available at the following URL. http://www.pfu.fujitsu.com/eco/green.html

a) Banned Substances

・In principle, Deliverables must not contain chemical substances defined in Table 1 of “Standard for the Control of Chemical Substances in Products (A1PA00500-0012)”.

・In details of the target substances, “Standards of Ban” and calculation methods of concentration, etc., refer to Table 1 of “the Standard for the Control of Chemical Substances in Products (A1PA00500-0012)” and its notation.

・Notwithstanding above, if exempted application(s) in “Standard for the Control of Chemical Substances in Products (A1PA00500-0012)” is(are) applicable to the Deliverables, such containment will be exempted from the restriction of the ban.
In this regard, however, as for Lead/Lead compounds, Mercury/Mercury compounds, Cadmium/Cadmium compounds and Hexavalent Chromium/Hexavalent Chromium compounds, Deliverables must not contain any of these substances only when PFU Group specifies that such Deliverables do not contain any of these substances by a purchase specification, drawing or other similar kind of document. This article is given because PFU Group occasionally has to use Deliverables that contain these substances in order to meet requirements from its customers.

b) Reportable Substances

- Reportable Substance(s) shall be taken hold on the presence or absence in Deliverables, and if Deliverables meet “Conditions of Deliverables to be reportable” defined in Table 2 of “Standard for the Control of Chemical Substances in Products (A1PA00500-0012)”, its total mass, purpose of use, and application area, etc., shall be reported to PFU Group.
- In details of target substances, “Conditions of Deliverables to be reportable”, contents to be reported or managed, and calculation methods of concentration, etc., refer to Table 2 of “Standard for the Control of Chemical Substances in Products (A1PA00500-0012)” and its notation.
- Substance may be added to Reportable Substances when the obligation of information transmission becomes necessary according to international regulations such as REACH Regulation. In such cases, PFU Group may ask suppliers to provide information before revising this Direction.

c) Control Substances

- In the case that Deliverables meet "Conditions of Deliverables to be controlled" defined in Table 3 of “Standard for the Control of Chemical Substances in Products (A1PA00500-0012)”, with respect to "Control Substance", its total mass, purpose of use, and application area, etc., shall be managed and recorded.
- In details of target substances, "Conditions of Deliverables to be controlled" and calculation methods of concentration, etc., refer to Table 3 of "Standard for the Control of Chemical Substances in Products (A1PA00500-0012)" and its notation.

d) Prohibited Substances in manufacturing process

- During manufacture of Deliverables, it is prohibited to use PFU Group specified “Prohibited Substances” that are defined as “Ozone Depleting Substances” in Table 4 of “Standard for the Control of Chemical Substances in Products (A1PA00500-0012)”, except for HCFCs. Meanwhile, if you use HCFCs, please work to reduce the emission and/or the use.
- In this regard, however, the use of Prohibited Substances is exempted from the restriction if they are used in indirect manufacturing process such as analytical determination and product development, or in a freezing/an air-conditioning machine.
e) Other restricted substances in delivery destination counties or areas

- Other than the substances defined in a) through d) above, Deliverables shall at all time comply with laws and restrictions applied in delivery destination countries or areas, for example, where Deliverables are delivered to overseas sites of PFU Group.

For your reference, please refer to the following principal laws and restrictions in Japan and overseas that are related to chemical substances in products. However, since it is hard to provide whole lists here, please confirm by yourselves.

**Japan:**

- Chemical Substances Control Law (CSCL)
- Industrial Safety and Health Law
- Law for Promotion of Effective Utilization of Resources (3R Law): Requirements for information disclosure of restricted chemical substances
- Law Concerning the Protection of the Ozone Layer through Control of Specified Substances and Others Measures (Ozone Layer Law)

**Overseas:**

- EU member nations: RoHS Directive, REACH Regulation (Restriction)
- Swiss: ChemRRV
- Norway: Norwegian Product Regulations
- USA: TSCA (Toxic Substances Control Act)
- China: China RoHS: Administration on the Control of Pollution Caused by Electronic Information Products
4.3. Establishment of CMS

PFU Group has requested establishment of CMS of material/parts suppliers. As typified by RoHS directive, REACH regulation of European Union, so-called “China RoHS” and Japanese “J-Moss”, it has been becoming necessary in every supply chain to severely control certain chemical substances in products. Responding to this, each company in such supply chains, as their social responsibilities, needs to implement proper and effective management of chemical substances in their products.

Also, industries are promoting standardization of Chemical substances management methods in products to reduce corporate’s burden, through the use of the “Chemical substances management guideline” (*1) published by Joint Article Management Promotion-consortium (JAMP) and the “JIS Z 7201: 2012” (*2) published by Japanese Industrial Standards Committee (JISC).

PFU Group has created “Supplier Inspection Check Sheet” in accordance with the above documents. It is designed to clarify action items that PFU Group would like its suppliers to take.

The principal elements of CMS that PFU Group would like its suppliers to manage are shown in Table 2.

After suppliers’ self-checking, furthermore, PFU Group visits suppliers and implement audits regarding CMS on the basis of their Supplier Inspection Check Sheets to check suppliers’ situations of establishment and operation of CMS. According to the audit result, PFU Group may request the suppliers to improve unsatisfactory performance in their CMS operation and also provide some advice if necessary. However, if no improvement comes out, PFU Group might reconsider business relationship to such suppliers.

In detail about CMS establishment and other related processes, PFU Group will explain respectively to applicable suppliers.

*1: “Chemical substances management guideline” can be downloaded from the JAMP’s website. (http://www.jamp-info.com/english)

<table>
<thead>
<tr>
<th>No.</th>
<th>Management items</th>
<th>Outline of the required actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Policy</td>
<td>Clarifying CMS policies by corporate or business representative</td>
</tr>
<tr>
<td>2</td>
<td>Definition of Management Criteria</td>
<td>Clarifying management procedures and criteria for requirements from laws, industry standards or customers</td>
</tr>
<tr>
<td>3</td>
<td>Definition of Scope of Management</td>
<td>Clarifying products, processes, constructional elements and chemical substances to be managed</td>
</tr>
<tr>
<td>4</td>
<td>Establishment of Objectives &amp; Planning for Implemented Process</td>
<td>Setting objectives and reviewing implemented process</td>
</tr>
<tr>
<td>5</td>
<td>Definition of Organizational System, Responsibilities and Authority</td>
<td>Clarifying responsibilities and roles in each division related to the management</td>
</tr>
<tr>
<td>6</td>
<td>Design and Development</td>
<td>Taking into account compliance with the defined requirements at design and development stage.</td>
</tr>
<tr>
<td>7</td>
<td>Acquisition and Verification of Information of Chemical Substances in Products</td>
<td>Constructing information acquisition scheme, and acquiring information of chemical substance contained in delivered items.</td>
</tr>
<tr>
<td>8</td>
<td>Purchase Management</td>
<td>Conveying requirements to suppliers.</td>
</tr>
<tr>
<td>9</td>
<td>Acceptance Verification</td>
<td>Implementing conformity check of delivered items with one's defined criteria when receiving delivered items.</td>
</tr>
<tr>
<td>10</td>
<td>Process Management</td>
<td>Clarifying processes in which composition of chemical substances vary and controlling properly. Also implementing distinction control and prevention of contamination.</td>
</tr>
<tr>
<td>11</td>
<td>Shipping Verification</td>
<td>Implementing conformity check of shipping products with one's defined criteria or standards.</td>
</tr>
<tr>
<td>12</td>
<td>Traceability</td>
<td>Constructing traceability scheme of products and delivered items.</td>
</tr>
<tr>
<td>13</td>
<td>Change Control</td>
<td>Clarifying procedures in case that composition of chemical substances is likely to be influenced, such as changes of design, process, supplier, etc.,</td>
</tr>
<tr>
<td>14</td>
<td>Non-conformity Response</td>
<td>Clarifying procedures when unconformable products come out</td>
</tr>
<tr>
<td>15</td>
<td>Training</td>
<td>Clarifying education contents</td>
</tr>
<tr>
<td>16</td>
<td>Management of Documentation and Records</td>
<td>Implementing documentation of management procedures or instructions, and controlling appropriately.</td>
</tr>
<tr>
<td>17</td>
<td>Communication (Provision of Information)</td>
<td>Constructing information sharing system.</td>
</tr>
<tr>
<td>18</td>
<td>Performance (State of Implementation) Evaluation and Improvement</td>
<td>Evaluating CMS implementation status, and improving performance.</td>
</tr>
<tr>
<td>19</td>
<td>Management Review (Correction by Management)</td>
<td>Reviewing and correcting problems by top management</td>
</tr>
</tbody>
</table>

Management items and required actions are subject to change, if necessary.
4.4. Approaches towards limiting or reducing CO₂ emissions

PFU Group requests all of our suppliers to make efforts towards limiting or reducing CO₂ emissions.

The approaches are divided into three stages from the perspectives of making progress step-by-step. All suppliers are required to take approaches in Stage 2 at least.

Note: CO₂ includes the greenhouse gas (N₂O, CH₄, SF₆, HFC, PFC, etc.).

[Stage 1: Activity announcement]

It is a stage where companies understand the meaning of limiting or reducing CO₂ emissions and express their will to make efforts as a corporation.

To approach limiting or reducing CO₂ emissions, it would be ideal if a supplier could control and manage its activities with the amount of their CO₂ emissions or numerical data (electricity use, fuel use, etc.) indicating CO₂ emissions.

[Stage 2: Activity implementation (including Stage 1)]

It is a stage where companies are conducting substantive activities internally.

This stage requires that companies are conducting any activities with either numerical target, policy or plan. It would be ideal if numerical target could be set because the activity status can be confirmed easily and the PDCA cycle can be followed smoothly. If it is difficult to set the numerical target because numerical data on CO₂ emissions cannot be controlled, please take into account promoting activities with policies or plans based on your long-term direction of the activities.

[Stage 3: Activity expansion (including Stage 2)]

It is a stage where companies are expanding their activities from the internal to the external level.

The extended scope of activities is carried out in Stage 3. This stage includes not only the internal activities but also the process of encouraging the upper stream supply chain to make efforts towards limiting or reducing CO₂ emissions and collaborative review tasks with external organizations.

Encouraging the upper stream supply chain to take the approach will allow you to reinforce the activities of limiting or reducing CO₂ emissions in the entire supply chain.

External organizations to collaborate include groups and related international organizations, such as industry, government, municipality, Japan Federation of Economic Organizations, NGO/NPO, etc. We refer to participation in review working groups or reviewing projects to examine/develop activities and policies, and also donation to external organizations concerned as collaboration.
4.5. Approaches towards biodiversity conservation

PFU Group has divided the approaches towards biodiversity conservation into three stages as in the case of limiting or reducing CO2 emissions and requests our suppliers to take approaches in Stage 1 at least.

[Stage 1: Activity announcement]

It is a stage where companies understand the meaning of biodiversity conservation and express their will to make efforts as a corporation.

[Stage 2: Activity implementation (including Stage 1)]

It is a stage where companies are conducting substantive activities internally.

To expand approaches as a corporation, a company-wide project team led by the management layer must have been organized and established.

On that basis, you will put company-wide approaches, location-specific and department-specific approaches for biodiversity conservation into practice.

[Stage 3: Activity expansion (including Stage 2)]

It is a stage where companies are expanding their activities from the internal to the external level.

The extended scope of activities is carried out in Stage 3. This stage includes not only the internal activities but also the process of encouraging the upper stream supply chain to practice biodiversity conservation and collaborative review tasks with external organizations.

Encouraging the upper stream supply chain to make efforts towards conserving biodiversity allows you to reinforce the activities in the entire supply chain while it helps you to raise awareness of the need to practice biodiversity conservation in the entire society.

External organizations to collaborate include groups and related international organizations, such as industry, government, municipality, Japan Federation of Economic Organizations, NGO/NPO, etc. We refer to participation in review working groups or reviewing projects to examine/develop activities and policies, and also donation to external organizations concerned as collaboration.

Figure 2 Stages of limiting or reducing CO2 emissions and biodiversity conservation
Table 3 Adaptation criteria in each stage concerning the activities of limiting or reducing CO2 emissions and biodiversity conservation

<table>
<thead>
<tr>
<th>Stage</th>
<th>Approaches towards limiting or reducing CO2 emissions</th>
<th>Approaches towards biodiversity conservation</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Activity expansion (including Stage 2)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Perform either 1) or 2):</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1) Appeal to the upper stream supply chain</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2) Work in collaboration with external organization(s)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Activity implementation (including Stage 1)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Perform activities with either numerical target, policy or plan</td>
<td>Perform 1) and 2) both shown below:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1) Establish a company-wide organization concerning biodiversity conservation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2) Make concrete efforts</td>
</tr>
<tr>
<td>1</td>
<td>Activity announcement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Make a public announcement to take approaches</td>
<td></td>
</tr>
</tbody>
</table>

4.6. Others

The increase of global water demand and the shortage of water resources are becoming international issues because of rapid population increase and progression of water pollution. Therefore, water resources conservation is required in business activities.

We would like suppliers to promote the water resources conservation as long as they can. The examples of activities are shown as follows:

- Reduction of usage of water
  (Prevention of leaving water running, Water-saving of toilet, Cyclic use of industrial water/clean water, use of rainwater)

- Prevention of water pollution
  (Purification of factory effluent, Regular water quality inspection)

- Cleanup activities of rivers and lakes

- Headwater forest conservation activities (Recharge activities of water resources)
5. Requests for implementation of environmental assessment of products

Suppliers are requested to comply with laws or regulations applied to Deliverables. Moreover, as far as you can, please do the following environmental assessments of Deliverables.

However, if there are particular designations or directions in a purchase specification, drawing or other similar kind of document, such designations or directions will prevail.

- Marking deliverables that use a small secondary battery (5.1)
- Energy saving (5.2)
- Consideration on recycling (5.3)
- Easy treatment and disposal (5.4)
- Environmental considerations for packaging materials (5.5)

5.1. Marking deliverables that use a small secondary battery

Deliverables that use a small secondary battery shall indicate a recycle or other legal mark in accordance with the Law for Promotion of Effective Utilization of Resources.

5.2. Energy saving

The operating and standby power consumption levels of deliverables shall be as low as possible and shall fulfill the following requirements:

1) Use of power saving function

A deliverable that can have a power saving function shall be able to automatically reduce the power consumption of components other than the main power supply and/or separate a part of the system by means of an operator operation or schedule function.

2) Compliance with the Law concerning the Rational Use of Energy

If a deliverable is specific equipment designated by the law, the following requirements shall be fulfilled.

- The energy consumption efficiency must be indicated based on the law.
- Consideration shall be paid to the target of energy consumption efficiency specified by the law and efforts shall be made to achieve the target.

3) Compliance with the International Energy Star Program

When a deliverable is subject to the International Energy Star Program, the power consumption standard specified by the program shall be fulfilled.

5.3. Consideration on recycling

Considering ease of recycling, deliverables shall fulfill the following requirements:

1) Unification of plastic materials

The plastic materials used for deliverables shall be unified as far as possible.
2) Use of plastic materials that can be easily recycled
   The use of thermosetting plastics, which are difficult to recycle, shall be avoided and general-purpose plastics, which are easy to recycle, shall be used, as far as possible.

3) Suppression of use of polyvinyl chloride
   Use of polyvinyl chloride on deliverables shall be suppressed as much as possible, except for cable coverings and electronic component insulators (such as heat-shrink sheets), in order to prevent dioxin production when the material is improperly disposed of.

4) Painting on plastics
   Painting and plating on plastic material surfaces of deliverables shall be avoided as far as possible because they make it difficult to recycle the material.

5) Material identification marking
   Delivered plastic components with a mass of 25 grams or more and a flat surface area of 200 mm² or more shall be marked for material identification based on the pertinent JIS or ISO standard.

6) Materials of documents attached to deliverables
   Manuals and documents attached to deliverables shall fulfill the following requirements:
   - Recycled paper shall be used for all document pages.
   - Or, eco-friendly virgin pulp, such as FSC certified papers, is used.
   - Covers of documents shall be free from plastic coatings, which can be an obstacle for recycling.

5.4. Easy treatment and disposal
   Considering easy treatment and disposal after their use, deliverables shall fulfill the following requirements:
   • Consideration for ease of separation and disassembly and reduction of composite parts
     It is necessary that deliverables can be divided and disassembled into identical material units with hands and general tools (such as Phillips screwdrivers, nutdrivers, wrenches, hexagon wrenches, tweezers, nippers, pliers and/or hammers), except when use of special screws is mandatory to prevent modifications or when disassembly should be made difficult to prevent fires or ensure safety human body safety or for other reasons.

5.5. Environmental considerations for packaging materials
   Suppliers are requested as much as possible to use packaging materials of deliverables that fulfill the following requirements:
(A) This article A shall apply to packaging materials that are supplied directly to customers of PFU Group without being unpacked by PFU Group. For example, software media and accessories sold with unit products and directly supplied to our customers.

1) Materials of Packaging materials
Packaging materials shall fulfill the following requirements:
- Any corrugated board shall contain used paper as its content at 70% or more.
- Paper materials shall be free of plastic coating, bonding of art paper or other materials. Non-petroleum solvent ink or vegetable oil ink shall be used as much as possible for printing on package.
- Polyvinyl chloride shall not be used, except when appropriate alternate materials are unavailable.
- Protective bags shall be made of paper or polyethylene, polypropylene or other plastic materials that can be easily recycled, except for special-purpose bags.
- Paper bags shall be free from plastic coatings or clear plastic sheets attached at openings.

2) Marking on packaging materials
Packaging materials shall fulfill the following requirement and be marked for material identification.
- Packaging materials by the Containers and Packaging Recycling Law shall be marked for material identification.

(B) This article B shall apply to packaging materials that are unpacked by PFU Group, which will be discarded or sold after delivery to PFU Group.

1) General requirements
- Suppliers are requested as much as possible to reduce heavy metals containing Lead/Lead compounds, Mercury/Mercury compounds, Cadmium/Cadmium compounds Hexavalent Chromium/Hexavalent Chromium compounds and others.
- Suppliers are requested as much as possible to promote recycle and reuse.
- Suppliers are requested not to use Polyvinyl chloride, except when appropriate alternate materials are unavailable.
- Suppliers are requested as much as possible not to use materials difficult to recycle for packaging materials such as urethane sponge.

2) Loading pallet
- Suppliers are requested as much as possible to use a loading pallet having a structure available to use repeatedly.
- Suppliers are requested as much as possible to use a loading pallet made of materials that can be recycled.
• Suppliers are requested as much as possible to reduce number of windings of stretching film.
• Suppliers are requested as much as possible not to use PP-band.

3) Packing boxes
• Suppliers are requested as much as possible to use corrugated board that contains higher content ratio of used paper.
• Suppliers are requested as much as possible to let packing boxes not to be mixed or attached by materials that interfere in recycle.

4) Inner packaging materials: buffering materials, trays, tapes, partition board
• Suppliers are requested as much as possible to make simple packaging.
• Suppliers are requested as much as possible not to bond different types of materials.
• Suppliers are requested as much as possible to reduce adhesive tapes.
• Suppliers are requested as much as possible to use common plastic materials such as PP, PE or PS for plastic packaging materials unless it's used for special purpose.
• Suppliers are requested as much as possible to display material of plastic packaging materials based on JIS or ISO standards.

5) Methods of filling
• Suppliers are requested as much as possible to fill in a box by every unit specified in case the site specifies number of items in a box.
• Suppliers are requested as much as possible to place an item in the packing box with becoming as much bulk ratio as possible.
6. Information disclosure

Suppliers have to submit the following information using the specified format by specified date when requested by a PFU Group company.

6.1. Disclosure of information on deliverables

- Information of material used in deliverables, such as types of constituent materials and mass and/or concentration of each chemical substance
  Note: Suppliers are required to provide such information by several formats, such as JAMP information transmission tool (AIS, MSDSplus), PFU Group original format, or a format specified by PFU Group’s customer.
- Information of non-containment of specified chemical substances
  Note: Suppliers are required to provide a Non-use certificate, Non-containment certificate, or Warranty of compliance with PFU group requirement for chemical substance Form.
- Analysis data of deliverables
  Note: As for fundamental ideas regarding analysis of PFU Group specified chemical substances, please also refer to “Guideline regarding analysis on Fujitsu Group specified chemical substances” (http://www.fujitsu.com/global/about/procurement/green/).
- OEM product assessment results if the PFU Group company has requested this information in accordance with the PFU -specified regulations on environmental assessment of products.
- Risks in terms of quality, performance and environment involved in changing production conditions of time-proven materials used in deliverables (4M change)

6.2. Disclosure of information on suppliers

- Status of environmental protection activities
  Note: Suppliers are required to provide a PFU Group Environmental Activity Survey Form.
## Attachment 1  List of PFU Group Companies

<table>
<thead>
<tr>
<th>No</th>
<th>Company name</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>PFU LIMITED</td>
</tr>
<tr>
<td>02</td>
<td>PFU Hokkaido Limited</td>
</tr>
<tr>
<td>03</td>
<td>PFU East Japan Limited</td>
</tr>
<tr>
<td>04</td>
<td>PFU West Japan Limited</td>
</tr>
<tr>
<td>05</td>
<td>PFU Quality Service Limited</td>
</tr>
<tr>
<td>06</td>
<td>PFU Applications Limited</td>
</tr>
<tr>
<td>07</td>
<td>PFU Techno Consul Limited</td>
</tr>
<tr>
<td>08</td>
<td>PFU Techno Wise Limited</td>
</tr>
<tr>
<td>09</td>
<td>PFU Software Limited</td>
</tr>
<tr>
<td>10</td>
<td>PFU Life Agency Limited</td>
</tr>
<tr>
<td>11</td>
<td>PFU Human Design Limited</td>
</tr>
<tr>
<td>12</td>
<td>PFU Creative Services Limited</td>
</tr>
</tbody>
</table>

PFU Group members may vary in the future.
[Revision record]

October, 2004 (Edition 2.1):
The FUJITSU group green procurement direction (Edition 2.1) conformity

November, 2004 (Edition 3.0):
The FUJITSU group green procurement direction (Edition 3.0) conformity
(Revisions to maximum concentration values for impurities and residues, and others)

July, 2007 (Edition 4.0):
The FUJITSU group green procurement direction (Edition 4.0) conformity
(Changed specified chemical substances, and others)

July, 2008 (Edition 4.1):
The FUJITSU group green procurement direction (Edition 4.1) conformity
Added PFOS to specified chemical substances.
Deleted DecaBDE as the exempted application for PBDE.

October, 2009 (Edition 4.2):
The FUJITSU group green procurement direction (Edition 4.2) conformity
Revised specified chemical substances
e.g. added a new category, "Reportable Substances"
Deleted three exempted applications, etc.

January, 2010 (Edition 4.3):
The FUJITSU group green procurement direction (Edition 4.3) conformity
e.g. added 14 substances to Reportable Substances.

May, 2010 (Edition 4.4):
Omitted Attachment 2. Instead added the title of the Standard as a reference for specified substances.

May, 2010 (Edition 5.0):
Added approaches of limiting or reducing CO2 emissions and biodiversity preservation
Moved the details of Fujitsu Group specified chemical substances by creating Fujitsu Group Specified Chemical Substances List

June 3, 2014 (Edition 6.0)
Re-examination of EMS levels,
Re-examination of Stages of limiting or reducing CO2 emissions, etc.