

**OKI** *Open up your dreams*

# Green Procurement Standard

Established in September 12, 2002  
Version 25 / 2024.1.5

**Oki Electric Industry Co., Ltd.**

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## = Appendices =

The following appendices are included in this Green Procurement Standard. The latest version is available on the OKI Group's Green Procurement Standards website.

Green Procurement Standard: <https://www.oki.com/en/eco/procurement>

|   |          |
|---|----------|
| Chemical substance groups to be investigated  |          |
| Environmental Conservation Evaluation Check Sheet                                   | (Form-A) |
| List of Controlled Substances (SVHC) and Confirmation Sheet of Contained Substances | (Form-C) |
| Supplier's Check Sheet for Management System of Chemical Substances in Products     | (Form-D) |

# Green Procurement Standard

## 1. Environmental Management of OKI Group

The OKI Group practices environmental management and aims to reduce environmental loads and realize a recycling-based society under the environmental policy in order to achieve a better global environment and pass that down to the next generation.

OKI Group Environmental Policy      <http://www.oki.com/en/eco/management/policy.html>

## 2. Concepts concerning Green Procurement of OKI Group

### 2.1 Purpose

This standard describes the concepts concerning Green Procurement of the OKI Group and standards of specific requirements, as well as their operations.

If the OKI Group asks for something different than the content in this Green Procurement Standard due to laws, regulations, forms of business, customer requests, etc., that shall have priority.

### 2.2 Scope

This standard applies to all environmental conservation activities of suppliers and procured items in 1 to 3, below.

However, it does not apply if OKI Group and the supplier agree that shall this standard will not apply.

Also, it does not apply to OA devices, stationary goods, and office supplies used within the OKI Group.

- 1) Product parts
- 2) Packaging parts
- 3) Other-company products shipped together with OKI Group products, composing a system, or otherwise sold as part of a set. (including add-ons or replacement parts).

### 2.3 Terms and Definitions

#### **Intentional addition**

The intentional addition of substances intends to improve characteristics, the external appearance or performance (such as plating, flame retardants, etc.).

#### **Impurities**

Chemical substances unintentionally contained. These are substances naturally included in raw materials that cannot be adequately removed due to technical constraints during the purification processes of industrial materials or substances that emerge during synthesis reaction processes.

#### **Contained quantity**

Provide responses based on the actual measured values, logical values, calculated values or design values. If any dispersion of contained quantity exists in manufacturing, provide responses using maximum values.

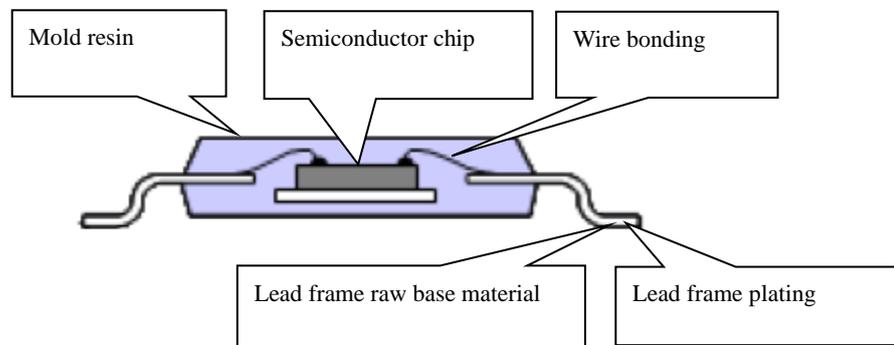
Cases such as when subject substances adhere to (come in contact with) parts or materials are also considered to be “containing.”

#### **Homogeneous material**

Materials in part compositions that cannot be mechanically dismantled. Mechanical

dismantlement means screw removal, cutting, destruction, and crushing, etc. A practical example is shown below.

Example Lead frames and lead frame surface processes (plating) of semiconductors are considered to be separate sections.



### **Threshold**

A boundary value to judge whether the relevant chemical substances are contained in product parts and packaging parts or not. The threshold is shown with ppm and mass [%] (wt%).

### **SVHC**

It stands for Substances of Very High Concern. Substances of chemical substances having carcinogenicity, mutagenicity, reproductive toxicity, and bioaccumulation potential, etc., which are defined by European Chemicals Agency (ECHA), and are to be added in stages.

### **CMS**

It stands for Chemical Management System. It indicates a control system for chemical substances contained in products, which is required for appropriately controlling contained chemical substances in each stage from material procurement to shipping regarding with deliverables to our company.

Referred as “CMS” hereafter in this standard.

### **JAMP**

It stands for Joint Article Management Promotion-consortium. Cross-sectional conference that appropriately manages the information of chemical substances, etc. contained in articles (the other name of parts and molded items, etc.), and creates and diffuses a system for the smooth disclosure and communication in the supply chain.

### **Chemical Substance**

Element substance and chemical compound, which exist naturally, or which are obtained from the production process. Including impurities arising from additive agents, or from the process of the additive usage required for ensuring the stability. However, solvents, which can be resolved without affecting the stability of an individual chemical substance or the change in composition, are not included.

e.g. Lead oxide, nickel chloride, benzene

### **Mixture**

Substances that two kinds or more chemical substances are intentionally compounded. Also called preparation.

e.g. Solder materials, paint, ink, adhesive, metal alloy

### **Article**

A product or merchandise item that has been formed into a specific shape or design and whose chemical composition does not change during its final use. Those that come in the form of liquid or powder are excluded.

e.g. The main unit of a personal computer, keyboard, or other molded objects

### **Product Parts**

All items such as components, materials, finished products (including OEM and ODM products), and units, etc., to be installed or attached to products manufactured in OKI Group

OEM : Original Equipment Manufacturer

ODM : Original Design Manufacturer

### **Packaging Parts**

All items made of every kind of materials used for protection, handling and delivery of products shipped by the OKI Group and product parts procured by it. The term refers to both of the following.

Packaging parts for product parts: Packaging materials used for protection and handling of product parts procured by the OKI Group.

Packaging parts for shipped products: Packaging materials used when the OKI Group ships products to customers

e.g. Cardboard, cushioning materials, bags (poly and plastic bags, etc.), adhesive tape, desiccant, pallet (made of wood or plastic), sheets for pallet wrapping (Refer to Table 1 "Examples of Packaging Parts" in Appendix "Chemical substance groups to be investigated" of this Green Procurement Standard.)

### **Deliverables**

All of product parts and packaging parts to be delivered to the OKI Group from suppliers (including packaging materials for product parts).

### **SDS**

Safety Data Sheet: A document providing information on the properties and handling of applicable chemical substances, etc., when products containing chemical substances suspected of being harmful are transferred or provided to another business.

### **GHS**

The Globally Harmonized System of Classification and Labelling of Chemicals  
The internationally recommended system for classifying and labeling the hazards of chemicals.

### **Communicating information by label**

The communication of information by picture label and its content as stipulated in JIS Z 7253 (Hazard Communication of Chemicals Based on GHS—Labelling and Safety Data Sheet (SDS)).

### **Hazard class**

Wording assigned to each GHS hazard class and hazard category as established for “physical and chemical hazards,” “health hazards,” and “environmental hazards.” The wording indicates the hazardous properties of the relevant chemicals and the degree of hazard.

### **Pictogram**

A picture assigned to each GHS hazard class and hazard category.

### **SCIP information**

Information required by the EU Waste Framework Directive (WFD) to be registered in the ECHA database for SVHC contained in molded products marketed in the EU.

## **2.4 Management of Contained Chemical Substances**

### **Banned substances for product parts**

The "Banned substances for product parts" mean chemical substances which must not be contained in product parts. As a rule, the OKI Group does not purchase any items if such substances are contained. Despite the non-containing response, if the banned substances are contained in the product parts, which damages our company, the OKI Group might pursue the liability of contract non-conformity on the part of the supplier, in accordance with the applicable contract.

In circumstances when the OKI Group has permitted such content or if the OKI Group has specified a threshold on drawings or specifications, then such content or levels will be given priority. Moreover, the OKI Group permits any chemical substance contained in the deliverables if corresponding to exemptions of RoHS Directive or legal regulations. Even if the supplier is a trading company, the supplier is required to guarantee the contents of its response, including the concentration and content of substances, based on the contract.

### **Reportable substances for product parts**

Chemical substances for which containment may be prohibited in product parts. Their containment conditions (usage, contained sections, concentration, etc.) should be reported.

### **Banned substances for packaging parts**

The "Banned substances for packaging parts" mean chemical substances which must not be contained in deliverables. As a rule, the OKI Group does not purchase any items if such substances are contained. Despite the non-containing response, if the banned substances are contained in the packaging parts, which damages our company, the OKI Group might pursue the liability of contract non-conformity on the part of the supplier, in accordance with the applicable contract.

In circumstances when the OKI Group has permitted such content or if the OKI Group has specified threshold on our drawings or specifications, then such content or levels will be given priority. (e.g. Fumigation of wood pallets by methyl bromide) Even if the supplier is a trading company, the supplier is required to guarantee the contents of its response, including the concentration and content of substances, based on the contract.

### **Reportable substances for packaging parts**

Chemical substances for which containment may be prohibited in packaging part. Their containment conditions (usage, sections, concentration, etc.) should be reported.

### **Controlled substances**

The "Controlled substances" mean chemical substances whose containing conditions (usage, contained sections, and concentration, etc.) should be recorded and controlled when exceeding the threshold.

The said substances are included in SVHC (Substances of Very High Concern) of REACH regulation. Any substances included in both the banned substances and the controlled substances, on a priority basis, are treated as the banned substances.

For chemical substances which are not reported in survey responses of our suppliers, it is assumed that the said substances do not exceed the threshold. However, if it is clear that the said substances exceed the threshold, and such substances damage our company due to the conflict of REACH Regulation, the OKI Group might pursue the liability of contract

non-conformity on the part of the supplier, in accordance with the applicable contract.

### **Banned Substance Group for using in the production process**

Chemical substances used in the production process (cleaning, degreasing, catalyzing and dissolution, etc.) at our suppliers for product parts and packaging parts procured by the OKI Group, which is regulated by laws including Law concerning the Protection of the Ozone Layer through the Control of Specified Substances and Other Measures, etc. If these substances are used, the OKI Group will request for improving the operation, and if no appropriate improvement comes out, we might reconsider business relationship to such partners.

### **Management of transferability of phthalates in production processes**

Please manage so phthalates are not transferred to product parts and packaging parts procured by the OKI Group by contacting resin or rubber materials (conductive mat, conveyor belt mat, tape, work gloves, storage/transport pallet/box, etc.) in supplier production processes or warehouses.

## **2.5 Description of Evaluation**

While the OKI Group continues to implement our existing selection standard for our suppliers, the OKI Group will also conduct "Evaluation of the status of establishing Environmental Management Systems", "Evaluation of the status of establishing Chemical substances Management Systems" and evaluate "Works for reducing environmental impacts" for the environmental conservation activities. All these are then put through our comprehensive evaluation, and the OKI Group procures the products from customers generating smaller environmental impact by priority.

Evaluate using the "Environmental Conservation Evaluation Check Sheet Form-A".

### **2.5.1 Evaluation of Environmental Management Systems**

In general, the OKI Group requires all our suppliers to obtain a certification of the environmental management systems (ISO14001). If any certification by the third-party organization has not been obtained, the OKI Group may execute our audit. According to the audit results, the OKI Group requests all our suppliers to improve their operation, and if no appropriate improvement comes out, the OKI Group might reconsider business relationship to such suppliers.

### **2.5.2 Evaluation related to Chemical substances Management Systems**

The OKI Group has requested all our suppliers to establishment of Chemical Substances Management System (CMS) to appropriately manage the chemical substances contained in product parts and packaging parts. As for target managed substances, the banned substances and controlled substances defined by the OKI Group shall be essential items for the system; on the other hand, reportable substances shall be arbitrary items.

Upon request from the OKI Group, please conduct a self-evaluation using our "Supplier's Check Sheet for Management System of Chemical Substances in Products (Form-D)" and enter the resulting scores.

Depending on a result, if needed, we may perform an audit. According to the audit results, we may request our suppliers to improve their operation, and if no appropriate improvement comes out, we might reconsider business relationship to such partners.

### **2.5.3 Evaluation of Works for Reducing Environmental Impacts**

The OKI Group has requested all our suppliers to work on reducing environmental impacts such as resource recycling, global warming prevention, and biodiversity conservation, etc. Depending on a result, if needed, we will request our suppliers to improve the effort level (improve the evaluation scores).

## 2.6 Concepts of “Contained” and Subject Substances

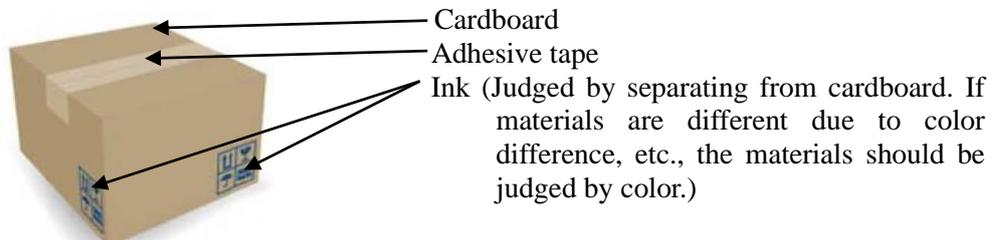
1) In terms of the criteria for contained chemical substances

The existence of chemical substances contained in product parts and packaging parts shall be judged based on the criteria shown in Table 1.

Table 1 Criteria for contained chemical substances

|   | Threshold   | Judged as “Contained”  | Judged as “Not Contained”   |
|---|---|--|---|
| Banned substances and reportable substances | Setting by both intentional addition and numerical values | <ul style="list-style-type: none"> <li>• Intentional addition (regardless of size of contained quantity)</li> <li>• There is no intentional addition but the rate of content as impurities exceeds threshold values</li> </ul> | <ul style="list-style-type: none"> <li>• There is no intentional addition and the rate of content as impurities are below threshold values</li> </ul> |
|   |   | The rate of content = (mass of applicable chemical substances) / (mass of survey unit, or mass of homogeneous material with applicable chemical substance contained)   |   |
|   | Setting by numerical values only                          | <ul style="list-style-type: none"> <li>• If the rate of content exceeds the threshold.</li> </ul>  | <ul style="list-style-type: none"> <li>• If the rate of content is the threshold or less</li> </ul>   |
|   |   | The rate of content = (mass of applicable chemical substances) / (mass of survey unit, or mass of homogeneous material with applicable chemical substance contained)   |   |
|   | Intentional addition only                                 | <ul style="list-style-type: none"> <li>• Intentional addition (regardless of size of contained quantity)</li> </ul>  | <ul style="list-style-type: none"> <li>• No intentional addition</li> </ul>   |
| Controlled substances                       | Everything is set by numerical values                     | The rate of content = (mass of applicable chemical substances) / (mass of article)   |   |

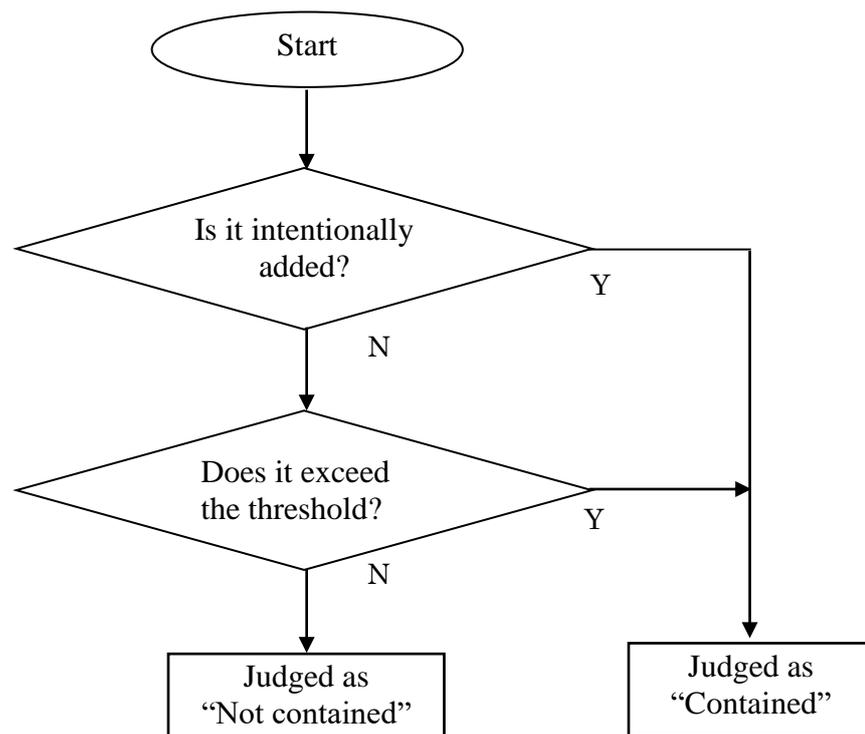
- 2) Judgment for the total rate of content for four types of heavy metals in packaging parts  
 Judgment is performed by the total rate of content for four types of heavy metals (cadmium, lead, mercury, hexavalent chromium) to the mass of each packaging part. In addition, inks and paints printed or marked on packaging parts are also treated as packaging parts respectively. The example of the Judgment for Rate of Content is as follows.



Judgment for Rate of Content (Example)

| Contained materials / Packaging parts (Mass) | Cadmium (mg)      | Lead (mg)         | Mercury (mg) | Hexavalent chromium (mg) | Total (mg) | Calculation of rate of content (ppm) | Judgment |
|--|-------------------|-------------------|--------------|--------------------------|------------|--------------------------------------|----------|
| Cardboard (100g)                             | 0                 | 0                 | 0            | 0                        | 0          | 0                                    | ○        |
| Adhesive tape (1g)                           | 0                 | 0                 | 0            | 0                        | 0          | 0                                    | ○        |
| Ink (80mg)                                   | 0.005×<br>2 sides | 0.001×<br>2 sides | 0            | 0                        | 0.012      | 0.012/80×10 <sup>6</sup> =150        | ×        |

- 3) Flowchart for the judgment of content of chemical substances in the case where two threshold that are intentional addition and a numerical value are set



4) Chemical substance groups to be investigated

Please refer to the Appendix "Chemical substance groups to be investigated" of this Green Procurement Standard.

**2.7 Determining Evaluations**

Following this standard, OKI Group suppliers use the Environmental Conservation Evaluation Check Sheet (Form-A) to self-evaluate their initiatives aimed at reducing environmental impact as well as establishing systems for environmental management and controlling chemical substances in products and then submit the results to us.

If the OKI Group makes a request for Supplier's Check Sheet for Management System of Chemical Substances in Products (Form-D), please submit the check results together with the above self-evaluation.

If the OKI Group needs to investigate the evaluation and the Check Sheet for Management System of Chemical Substances in Products, we will confirm the details of the evaluation.

In addition, where we decide that there is a large impact on the environment, we may request for improvements.

**2.8 Operation Flow**

The operational procedure is shown below.

| Activities  | Suppliers                | OKI Group                    |            |                                   |
|---|--------------------------|------------------------------|------------|-----------------------------------|
| <div style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">Distribution and explanation of Green Procurement Standard and response forms</div> <p style="text-align: center;">↓</p> | Check of contents        | Distribution and explanation |            |                                   |
| <div style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">Submission and entry of responses</div> <p style="text-align: center;">↓</p>   |                          |                              | Submission | Storage management and data entry |
| <div style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">Management of response data and documents</div> <p style="text-align: center;">↓</p>                                     | Evaluation determination | Determination                |            |                                   |
| <div style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">Notification of evaluation results</div>   |                          |                              |            |                                   |

## 3. Requests for Our Suppliers

### 3.1 Documents to be submitted

(1) For product parts (materials, components, finished products, units, etc.)

- 1) "Environmental Conservation Evaluation Check Sheet" (Form-A): To be submitted by each production site. Please submit the Form-A, when requested by the OKI Group.
- 2) chemSHERPA-AI data: The chemSHERPA-AI response requires both information on composition and compliance judgments (Including the SCIP information).

Substances to be answered are those listed in the attached document "Chemical substance groups to be investigated" and those subject to management by chemSHERPA-AI. Please provide information on the content of substances other than those listed above, if suppliers have any information.

\*1: "Chemical substance groups to be investigated" also include substances that are not listed in the chemSHERPA substance list (marked with \* in the No.).

\*2: For substances subject to management by chemSHERPA-AI, please respond in accordance with the "chemSHERPA usage rules".

<https://chemsherpa.net/english/aboutchemsherpa/description>

If suppliers cannot provide survey responses for mixtures or chemical substances via chemSHERPA-AI, they may use chemSHERPA-CI.

(2) For packaging parts

chemSHERPA-AI data: The chemSHERPA-AI response requires both information on composition and compliance judgments (Including the SCIP information).

Substances to be answered are the same of (1) For product parts above.

\* Applies to all packaging materials used for the shipment of products from the OKI Group. When packaging materials for product parts from suppliers are used for the shipment of products from the OKI Group, an additional survey response may be requested.

(3) Please submit the "List of Controlled Substances (SVHC) and Confirmation Sheet of Contained Substances" (Form-C) when asked by the OKI Group.

(4) "Supplier's Check Sheet for Management System of Chemical Substances in Products" (Form-D) is required to confirm your CMS establishment and operation situation when newly commencing doing business, or continuing business relations. Therefore, upon request from the OKI Group, please submit the form.

Further, when any change occurs in submitted documents, or when any change occurs in materials or processes, etc. even if there is no change in the documents, please resubmit the documents.

### 3.2 Method for Entering Information

(1) Environmental Conservation Evaluation Check Sheet (Form-A)

Please enter date of submission or re-submission, company name, company address, name of deliverables, department in charge, name of person responsible for evaluation, contact telephone number, fax number, and email address of the person responsible for evaluation inside the bold frame "Supplier's Entries".

Please enter "1" in the corresponding yellow cell on the response column as for the evaluation for the establishment of the environmental management system in the Section1 and the establishment of the management system of chemical substances in products in the Section 2.

For the evaluation of works for reducing environmental impacts in the Section3, please enter "1" in the corresponding yellow cell on the response column (inside the bold frame). If 80% or more of evaluation contents are satisfied, "Yes" will be determined according to the judgment standard.

Depending on a result, if needed, we may perform an audit. According to the audit results, we may request our suppliers to improve their operation, and if no appropriate improvement comes out, we might reconsider business relationship to such partners.

(2) chemSHERPA-AI (Refer to the example)

More information about how to enter data can be found in the manuals related to the information transfer scheme for chemical substances in products under the control of JAMP. As for the chemSHERPA-AI input support tool and manuals, please download the latest versions from the page at the following URL. In addition, if there is any specification for the survey response format from the OKI Group requestor, please comply with that instruction.

URL: <https://chemsherpa.net/english>

(3) chemSHERPA-CI (Refer to the example)

More information about how to enter data can be found in the manuals related to the information transfer scheme for chemical substances in products under the control of JAMP. As for the chemSHERPA-CI input support tool and manuals, please download the latest versions from the page at the following URL.

URL: <https://chemsherpa.net/english>

### 3.3 Handling of Personal Information

Personal information provided from suppliers based on this standard shall be shared only within the OKI Group, and be used exclusively for the purpose of the evaluation of the suppliers and deliverables.

For the handling of personal information in our company, refer to the following URL.

OKI Group Privacy Policy (Japanese) URL: <http://www.oki.com/jp/privacy/>

## 4. Contact Us

Procurement Center, Production & Procurement Management Division  
Management System Management Department, System Center

URL : <https://www.oki.com/cgi-bin/inquiryForm.cgi?p=018e>

Revision Record of “OPES 2080 Appendix-01 Green Procurement Standard”

| Ver. No | Establishment/ Revision Date | Reasons for revision and overview of changes   | Remarks |
|---------|------------------------------|--|---------|
| 1       | 2002.9.12                    | First issue  |         |
| 2       | 2003.10.25                   | Review of substances subject to survey was conducted, due to the changes in the list of substances subject to survey, prepared by the “Japan Green Procurement Survey Standardization Initiative”  |         |
| 3       | 2006.5.29                    | Review of contents due to changes of survey format from “Japan Green Procurement Survey Standardization Initiative”  |         |
| 4       | 2006.8.23                    | Change of substances list due to additional substances on “Japan Green Procurement Survey Standardization Initiative”. Insertion of the content due to demand for in-house improvement, and corrected the mistakes   |         |
| 5       | 2008.3.14                    | Insertion of content of revision on “Japan Green Procurement Survey Standardization Initiative” and of the demand for in-house improvement, etc.   |         |
| 6       | 2009.9.4                     | <ol style="list-style-type: none"> <li>1. Addition of management sections including containment-managed substances and voluntarily-reported substances</li> <li>2. Addition of SVHC (Substances of Very High Concern) as containment-managed substances and of new Confirmation Sheet of Containment-managed Substances (SVHC)</li> <li>3. Addition of PFOS as containment-prohibited substances</li> <li>4. Additional introduction of JAMP AIS as a report form</li> <li>5. Addition of changes due to changes within the organization, etc.</li> </ol>  |         |
| 7       | 2010.4.20                    | <ol style="list-style-type: none"> <li>1. Supporting of the update version of JGPSSI Survey Response Tool</li> <li>2. Addition of SVHC (Substances for Very High Concern)</li> </ol>   |         |
| 8       | 2010.8.30                    | <ol style="list-style-type: none"> <li>1. Supporting of the update version of JGPSSI Survey Response Tool</li> <li>2. Additional introduction of JAMP MSDSplus as a report format</li> <li>3. Changed “Contact Us” section information</li> </ol>  |         |
| 9       | 2011.5.20                    | <ol style="list-style-type: none"> <li>1. Change of threshold of banned substances in Table 2 in accordance with JIG-101Ed4.0</li> <li>2. Changed Japanese “Contact Us” telephone numbers</li> </ol>   |         |
| 10      | 2011.10.31                   | <ol style="list-style-type: none"> <li>1. Addition of Form 10 Supplier’s Check Sheet for Management System of Chemical Substances in Products</li> <li>2. Addition of controlled substances for packaging parts in accordance with JIG-201Ed1.0</li> <li>3. Addition of substances under Low-Halogen JS709 (bromine-series and chlorine-series flame retardant, etc.) in accordance with JIG-101Ed4.1</li> <li>4. Improvement of names of managed chemical substances<br/>Containment-prohibited substance =&gt; Banned substance<br/>Containment-inhibited substance =&gt; Reportable substance<br/>Containment-managed substance =&gt; Controlled substance</li> </ol> |         |
| 11      | 2012.1.31                    | <ol style="list-style-type: none"> <li>1. Response to V4.0 of the example of description for JAMP AIS/MSDSplus</li> <li>2. New addition of JGPSSI Survey Sheet of Substances Contained in Packaging Materials</li> <li>3. Change of Form 1 to 3</li> <li>4. Others including response to JIG-101 Ed 4.1</li> </ol>   |         |
| 12      | 2012.10.15                   | <ol style="list-style-type: none"> <li>1. Elimination and integration of forms to Form-A, B, C, and D</li> <li>2. Addition of the evaluation items of resource circulation, prevention of global warming, biodiversity conservation to the environment conservation evaluation sheet as the evaluation of</li> </ol>   |         |

|    |           |  |  |
|----|-----------|--|--|
|    |           | works for reducing environmental impacts.<br>3. Abolishment of Survey Sheet of Composition for Chemical Substances and List of Composition for Chemical Substances<br>4. Deletion of entry examples from the forms.<br>Collected them into the list of entry examples, and Created another material as the reference document of Green Procurement Standard  |  |
| 13 | 2013.9.5  | 1. Correct a density denominator partly for lead compound and chromic compound for banned substance.<br>2. Addition of substances under Proposition 65 DIDP&DnHP   |  |
| 14 | 2014.4.7  | 1. JAMP-AIS was added to investigation tools.<br>2. Investigation tools for packaging materials were changed from the Former JGPSSI Survey Response tool for substances contained in packaging materials to AIS.<br>3. HBCDD was added to the list of banned substances for products.  |  |
| 15 | 2016.7.1  | 1. Addition of chemSHERPA to the survey response formats<br>2. Deletion of Green Procurement (Former JGPSSI) Survey Response Tool<br>3. Addition of BNST to the list of banned substances for product parts<br>4. Reflection of the differences between the former JGPSSI and IEC 62474  |  |
| 16 | 2017.7.22 | 1. Four substances (DEHP, BBP, DBP, DIBP) added as substances scheduled to be prohibited<br>2. Reflection of the differences from IEC 62474 (E.g., HBCDD reporting threshold changed from 1000 ppm to 100 ppm)   |  |
| 17 | 2018.7.22 | 1. Four substances (DEHP, BBP, DBP, DIBP) changed to banned substances<br>2. Deletion of AIS and MSDSplus from survey response format<br>3. Deletion of BNST from banned substances<br>4. Division of Non-containing Guarantee into two types, as follows.<br>5. B1 for product parts and for packaging parts used when delivering to OKI Group<br>6. B2 for packaging materials used when the OKI Group delivers to customers |  |
| 18 | 2018.9.25 | 1. With regards to packaging parts, prohibited inclusion of phthalate esters is limited to resins and rubbers that come into direct contact the product.<br>2. The threshold (reporting level) of banned substances is made consistent with IEC62474.  |  |
| 19 | 2019.1.25 | 1. Clarification of scope<br>2. Deletion of Environmental Vision 2020<br>3. Addition of management of transferability of phthalates in supplier production processes<br>4. Correction of mis-entry on PFOS threshold (reporting level) $1\mu\text{g}/\text{m}^2$ or less $\rightarrow$ greater than $1\mu\text{g}/\text{m}^2$<br>5. DMF regulation criteria change and other legal criteria revision                           |  |
| 20 | 2020.1.7  | 1. Addition to banned substances of perfluorooctanoic acid (PFOA) and its salts, PFOA-related substances, and red phosphorus. (Table 2)<br>2. Clarified that PBDEs include decaBDE.<br>3. Added DIBP to Phthalate esters Group 1 and changed the reference to 4 substances, as well as changing from Table 3 Reportable Substances to Table 2 Banned Substances.   |  |

|    |            |   |  |
|----|------------|---|--|
|    |            | 4. Changed the 4 phthalate ester substances (BBP, DBP, DEHP, DIBP) in Table 5 Packaging materials banned substance group from being banned individually to being banned both individually and in combination.             |  |
| 21 | 2021.1.8   | 1. Added SCIP information submission required.<br>2. Deletion red phosphorus from prohibited substances.<br>3. PAHs substances added to the Reportable substance group.   |  |
| 22 | 2022.3.31  | 1. Separate "Chemical substance groups to be investigated" from this Green Procurement Standard as appendices.<br>- Changes in banned substances, etc. are described in the Appendix.<br>2. Change of contact information |  |
| 23 | 2022.12.20 | 1. Deletion of Form-B1, Form-B2, and Table 2.<br>2. Clarify the guarantee for trading companies (section 2.4)   |  |
| 24 | 2023.4.1   | 1. Change of Contact  |  |
| 25 | 2024.1.5   | 1. Deleted "Voluntarily reportable substances" from "2.4 Management of Contained Chemical Substances".<br>2. Added notes to (1) For product parts and (2) For packaging parts in "3.1 Documents to be submitted".         |  |