

**Environmental Protection Standard: NJS-E-4466**

# **Green Procurement Guideline**

**April 2010**

**9th Edition**



**Nagano Japan Radio Co., Ltd.**

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## 1. Introduction

As main issues in corporate management in Nagano Japan Radio Co., Ltd. (hereinafter “NJRC”), we have been working on the prevention of the environmental pollution through proper control of the chemical substances to be used in our products or establishment of the recycling-oriented economic society through reducing and recycling the wastes.

In April 2004, we established “Green Procurement Guideline” and has been promoted the activities of green procurement to provide environmental-friendly products ever since.

After then, WEEE Directive, RoHS Directive, China RoHS (\*1) and the like came into force and environmental restrictions have gravely been reinforced.

Furthermore, owing to REACH Regulation (\*2), we are requested to identify and control many more chemical substances than before.

Under this circumstance, we widely revised the "Green Procurement Guideline" and issued as edition 9.

In order to execute the obligation and responsibility for environmental conservation, we would like to advance together with your support and your cooperation.

We appreciate your continuous understanding and assistance.

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\*1) - WEEE: Directive of the European Parliament and of the council on waste electrical and electronic equipment, effective on August, 2005.

- RoHS: Directive of the European Parliament and of the council on the restriction of the use of certain hazardous substances in electrical and electronic equipment, effective on July, 2006.

- China RoHS: Administrative Measure on the Control of Pollution Caused by Electronic information Products, effective on March, 2007.

\*2) REACH regulation: Regulation of the European Parliament and of the council on Registration, Evaluation, Authorization and Restriction of Chemicals, effective on June, 2007.

## **2. Environmental Policy**

### **2.1 General Concept**

NJRC sets a general concept for the environment considerations as follows:

#### **General Concept**

Based on our management policy, NJRC understands that the global environmental conservation is one of the most priority issues for all mankind and has to develop our business by paying full care-and-attention to the environmental conservation in all fields of business activities.

### **2.2 Environmental Policy**

To promote environmental activities, NJRC establishes an environmental policy as follows:

#### **Environmental Policy**

As a total electronics manufacturer, NJRC will take a positive approach toward the environmental conservation in the manufacturing activities and products and services.

##### **1. Creating and supplying the environmental-conscious products**

Create and supply the environmental-conscious products with considering the environmental impacts throughout the product life cycle.

##### **2. Promoting the environmental management system**

Promote the continuous improvement of the environmental management system to develop the environmental conservation.

##### **3. Compliance of the environment-related laws and regulations**

Comply the related laws, regulations and in-house standards, and advance the environment management level including preventive actions.

##### **4. Establishing a goal and improving the activities to reduce the effects on the environment**

- 1) Purchase and use the environment friendly office supplies and materials.
- 2) Reduce the power consumption and save energy.
- 3) Aim for the zero wastes by thoroughgoing recycling and reuse
- 4) Promote the appropriate control and reduction in consumption of chemical substances to prevent the environmental pollution.

### **3. About Green Procurement**

#### **3.1 Purpose**

With providing the environmentally friendly products to society, we would like to make a contribution to the environment conservation.

The purpose of this guideline is to purchase the materials and products having reduced or eliminated environmental burden from our business partners who cooperate and work together in environmental conservation activities with NJRC.

#### **3.2 Scope**

This guideline applies to the following parts and materials to be supplied to NJRC;

- (1) Raw materials, parts, completed product, outsourcing products that are manufactured, processed and repaired by subcontractors, and subsidiary materials to be used in the process of manufacturing.
- (2) Packaging components and materials, except for the returnable boxes, container, packaging components and materials etc. which are used for transportation between NJRC and business partners.
- (3) Products which are designed and manufactured by consigned-manufacturers and to be sold with NJRC brand.

#### **3.3 Guidelines**

Substances contained in parts and materials are classified and controlled in accordance with “Green Procurement - Environmental Load Substance List” (specified separately) which complies with JIG (\*3). We would like you to understand this guideline and proactively disclose your environmental information in addition to the present procurement standards such as QCD.

##### **(1) Prohibited substance**

Prohibited substance is substances that the use to products is prohibited or restricted in accordance with the domestic or foreign laws and regulations. These prohibited substances should not be contained in parts and materials to be supplied to NJRC. Some such substances, however, partly have exempted application.

##### **(2) Controlled substance**

Controlled substance is substance that is requested to survey on the actual status of the contents of the substances by the domestic or foreign laws and regulations. These substances are not prohibited to contain the parts and materials to be supplied to NJRC. But appropriate information for the contents should be disclosed.

Although the substance, the application or the acceptable level is not specified in this guideline, we should comply with laws and regulations when restricted internally or externally. We also should follow customer's certain requirements in addition to this guideline if required.

\*3) JIG: Joint Industry Guideline

- It is a guideline for the disclosure of the information of the chemical substances contained into electric and electronic equipment, and was jointly developed by Japan, USA and Europe.

## **4. Green Procurement Survey**

### **( NJRC requirements to our business partners )**

The activities of the systematic environmental conservation and their continuous improvement can be realized with your cooperation. We would like to have your support for the survey on the contents of substances contained in the parts and materials to be supplied to NJRC.

#### **4.1 Survey on environmental load substances**

Please provide substance information using all or a part of the following forms.

- (1) AIS (As for raw materials and preparations, use MSDSplus)  
Communication tool for information of contained substances provided by JAMP (\*4).  
For more information, visit URL:

<http://www.jamp-info.com/>

- (2) Survey based on individual requirements from customers  
Some individual forms may be provided by our customers. Please contact the person in charge in NJRC about how to prepare the information.

#### **4.2 Certificate of Nonuse**

According to the compliance with applicable laws and regulations, you may be asked to provide the “Certificate of Nonuse of Hazardous Substances”.

#### **4.3 Information/Data Updating**

When substances are changed by employing the different parts and materials to your products, or unreported substance is newly founded, the existing information/data needs to be revised and informed us immediately.

#### **4.4 Data handling**

Information about substances we received from you may be used within the group of Japan Radio Co., Ltd, for only the purpose of verifying the environmental load or as a base data for communication with our customers.

For further information about this guideline, please contact;

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(\*4) JAMP: Joint Article Management Promotion-consortium

JAMP was established by representatives from the various fields of industry concerning from raw materials to finished products, on September 2006.

## Revisions

Rev. No.	Date	Description
1	4 / 2004	Issued.
2	8 / 2005	<ul style="list-style-type: none"> <li>- Change contact person according to the new organization</li> <li>- Page 6/7, add [Exception in Application]</li> </ul>
3	11 / 2005	<ul style="list-style-type: none"> <li>- Editorial change</li> <li>- Establish environment regulation NJS-E-xxx</li> </ul>
4	2 / 2006	<ul style="list-style-type: none"> <li>- Add prohibited-substance requested from customers</li> <li>- Change cadmium permissible content level 100ppm to 75ppm</li> </ul>
5	7 / 2006	<ul style="list-style-type: none"> <li>- Section name: from Technical Management Center to Technical Management Dept.</li> <li>- Table 2 – Change substances in exception application list</li> <li>- Form 3 – Change Pb free survey form</li> </ul>
6	9 / 2006	<ul style="list-style-type: none"> <li>- Table 1 – Revised.</li> <li>- Delete Phthalate acid esters</li> <li>- Table 5 – Added.</li> </ul>
7	11 / 2006	<ul style="list-style-type: none"> <li>- Green Procurement Survey tool – version 3.11</li> <li>- Delete               <ul style="list-style-type: none"> <li>• Form 4 “Contents of Environmental Controlled Substances”</li> <li>• Form 5 “ICP Data”</li> <li>• Form 6 “Raw Material Survey”</li> </ul> </li> <li>- Add Form 4 “Certificate of Nonuse of Hazardous Substance”.</li> </ul>
8	11 / 2007	<ul style="list-style-type: none"> <li>- Clause 4.1, (1) – Change website from JEITA to JGPSSI</li> <li>- Add “1,1,2 trichloroethane” to Table 1 (Prohibited Substances)</li> <li>- Add “PFOS”, “PFOA” and “2-(2H-1,2,3-Benzotriazole-2-yl)-4,6-di-tert-butylphenol“ to Table 4 (Other Controlled Substances )</li> <li>- Change version of Form 1 to ver. 3.23</li> <li>- Add column for series to Form 1 and 2</li> </ul>
9	4 / 2010	<ul style="list-style-type: none"> <li>- Wholly revised according to compliance with updated environmental laws and regulations, and JIG.</li> </ul>