



KANSUI 17-018

RENESAS ELECTRONICS
GREEN PROCUREMENT
GUIDELINES
(Ver. 2)

December 1, 2017

Renesas Electronics Corporation

1. Introduction

In recent years, there has been increased importance placed in the role of corporations in environmental conservation with the trend towards creating a recycling-oriented society. As part of our top priority activities for environmental conservation, Renesas Electronics is promoting a program of providing “products that reduce environmental impact”. To succeed in this endeavor, it is essential to reduce environmental impact of the components and materials constituting such products.

Against this background, Renesas Electronics is committed to procuring environmentally sound components and materials from companies that take a positive stance toward environmental conservation on a priority basis.

In addition to the guidelines, detailed requirements on contained chemical substances are shown in the Green Procurement Standard. When it is necessary to determine required specifications of each parts and materials, it is shown separately in the purchase specification etc. The green procurement standard is subject to revision due to subsequent changes in laws and regulations, and social trends.

2. Purpose

The guidelines aim to give a clear description of the green procurement standard to all suppliers for Renesas Electronics-related companies (*), and to reduce the environmental impact of our products.

(*) The Renesas Electronics-related companies include Renesas Electronics Corporation, subsidiaries (companies for which Renesas Electronics directly or indirectly owns a majority of voting shares), and affiliates (equity method affiliates, such as companies consolidated for accounting, for which Renesas Electronics owns 20% to 50% of voting shares).

3. Environmental Policy and Action Guidelines

Renesas Electronics is engaged in environmental preservation activities based on the following Environmental Policy and Action Guidelines as part of Corporate Social Responsibility (CSR).

3-1. Environmental Policy

We will contribute to the harmonization of society and the environment in the course of our business activities.

3-2. Action Guidelines

1. We will incorporate environmental considerations into all stages of the product life cycle, including research & development, design, procurement, production, sale, logistics, use and disposal.
2. We will strive to prevent pollution as well as to minimize the impact of our products on the environment. When environmental problems arise, we will take appropriate steps to minimize the environmental impact and disclose accurate information.
3. Our environmental management efforts will involve compliance with all environmental laws, regulations and agreements, and we will promote compliance activities.
4. We will disclose environmental information to stakeholders and encourage communication with society for the purpose of promoting mutual understanding.
5. We will educate all employees in environmental conservation to create a company culture that promotes the harmonization of the environment and business activities.

4. Scope of Application

The guidelines are intended for suppliers who deliver components and materials constituting products of Renesas Electronics-related companies (hereinafter referred to as "our products"), components and materials used for the manufacturing of our products, components and materials used for the packaging of our products, and products manufactured under production consignment (hereinafter referred to as "procurement products").

5. Requirements for Suppliers

(1) Creation of an environmental management system

Renesas Electronics-related companies' major consideration when purchasing procurement products is the degree to which the product in question reduces environmental impact, and whether the companies engaged in the manufacturing and marketing of the procurement products are taking an active stance toward environmental conservation. You are requested to ensure the following:

- Creation of an environmental management system

In the factory and office where the procurement products are developed, manufactured and marketed, create an environmental management system that meets our requirements listed below:

<Our requirements>

- a. Develop environmental policies.
- b. Set up an environmental management organization and appoint an environmental representative.
- c. Identify and comply with environmental laws and regulations.
- d. Develop environmental objectives, targets and plans.
- e. Conduct environmental education and training for employees.
- f. Periodically conduct environmental audits.

It is recommended that you acquire a third party certification based on any of the standards and regulations that meet these requirements, including ISO14001, EMAS (EU Council Regulation "Eco-Management and Audit Scheme"), KES (Kyoto Environmental Management System Standard) Step 2, and Eco Action 21 (Ministry of the Environment).

(2) Management of product substances

To avoid environmental contamination and harm to human health, appropriate measures must be taken to prevent hazardous substances from being released when our products are used, scrapped, or disposed of. It is also indispensable to reduce the environmental impact of the procurement products.

To further promote greener product design and disposal activities at Renesas Electronics, we will only procure products from companies that fulfill the following requirements, with the purpose of ensuring that the procured components do not contain any substance that may cause damage to the environment or human health:

1) Do not contain banned substances in procurement products

Substances that are stipulated by Renesas Electronics to be banned shall not be contained in procurement products.

For details, refer to the green procurement standard on Renesas Electronics green procurement activity site^(*).

(*) Renesas Electronics green procurement activity site at

<https://www.renesas.com/en-us/about/company/csr/green.html>

2) Establish a corporate system for cooperation in the survey of contained chemical substances

Submit the materials concerning the survey of chemical substances contained in procurement products.

(3) Other requirements

You should meet the following requirements as part of your activities for environmental management:

1) Green product design

If you design products you provide, make efforts to reduce the environmental impact of the products at the design and subsequent stages.

2) Commitment to global environmental conservation

Make a commitment to global environmental conservation.

3) Green procurement

Establish your own standards for green procurement, and apply these standards to your procurement of components and materials.

4) Public disclosure of environmental information

Make regular public releases of environmental information on your procurement products and information on your commitment and achievements concerning environmental conservation.

5) Consideration for biodiversity

Make a commitment to the activities that take into consideration biodiversity conservation such as reducing chemical substances that affect ecosystems and reducing water consumption. Also, consider biodiversity when using raw materials of biological origin.

6. Requests for Supplier Surveys

For operation of the green procurement system at Renesas Electronics, we request that suppliers respond to the following surveys:

(1) Request for the survey of creation of an environmental management system

Each supplier is requested to answer the questions about creation of an environmental management system in green procurement questionnaire A.

(2) Request for the survey of chemical substances in procurement products to be delivered to Renesas Electronics

Each supplier is requested to answer the questions about chemical substances regulated by Renesas Electronics in green procurement questionnaire B.

Green procurement questionnaire A and green procurement questionnaire B are on Renesas Electronics green procurement activity site^(*).

If there are any changes in the answers you have made in green procurement questionnaires A and B, you are requested to resubmit the questionnaires immediately

(*) Renesas Electronics green procurement activity site at:

<https://www.renesas.com/en-us/about/company/csr/green.html>

(3) Request for the detailed survey of chemical substances contained in procurement products

Each supplier may be requested to submit the following materials concerning chemical substances contained in products. For details, refer to the green procurement standard on Renesas Electronics green procurement activity site (*).

(*) Renesas Electronics green procurement activity site at

<https://www.renesas.com/en-us/about/company/csr/green.html>

- 1) Investigation Sheet for Chemical Substances Included
- 2) Data Sheet for Purchase Unit
- 3) Environmentally hazardous substances analysis data

If there are any changes in the materials you have submitted, you are requested to resubmit the materials immediately. Any and all information received from suppliers will be treated with due consideration.

Revision history		
Created and revised by		Environmental Promotion Division of Renesas Electronics Corporation
Date of creation and revision	Version	Description
July 13, 2010	1	Newly created.
October 2, 2017	2	Review of contents, Quotation of green procurement standard