



Green Procurement Guidelines

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Revised 1 November 2018

Enforced 1 December 2018

ROHM Co.,Ltd.

1. Introduction

ROHM Group has been promoting the environmental policies as the most important subject in consideration of the global environmental preservation and recognized the importance of healthy subsistence of humankind.

To achieve the continuous economic development without environmental destruction, it is essential to be thorough with compliance in all supply chains in order to manufacture appropriate products for material-recycling with less environmental impact.

In this guidelines, we request our suppliers to carry out the construction and promotion of environmental management system, and to be thorough with management of chemical substances in product. Also, please inform it to the primary and secondary suppliers, and check the adaptation situation.

In order to respond to regulations that become increasingly strict, we appreciate our supplier's understanding and cooperation.

2. ROHM Group Environmental Policy

ROHM's everlasting conscientiousness to preserve the global environment contributes to the healthy existence of humanity and to the continued prosperity of the company.

1. Conserve energy by initiating innovative methods in all corporate activities.
2. Develop environmentally-conscious products that minimize the environmental burden by employing responsible processes throughout the life cycle of each product.
3. Give priority to the procurement of materials and products that have the least levels of adverse impact on the environment.
4. Promote effective utilization of resources and strive for the prevention of pollution and conservation of biodiversity toward the realization of a sustainable society.
5. Comply with international and national environmental laws and regional agreements and other customer requirements to which we have agreed.
6. Endeavor to train employees and encourage our constituents to actively care for their surroundings and the global environment.
7. Develop positive relationships with the community through contributions to the Local environment and the proper disclosure of environmental data.
8. Continuously improve subjects by creating and carrying out the environmental objectives, and their action plans to enhance environmental performance.

3. Request to suppliers

3.1 Environmental Management System Construction and Supporting

Our business partners should highly adapt to ISO14001 Environment Management System for environmental conservation and in promoting of environmental burden reduction activities.

In addition, please kindly follow the practical construction system 1) – 3).

- 1) Acquisition of the third-party Certification
- 2) Other Certifications
(KES: **Kyoto Environmental Management System Standard**, Eco-Action21 etc.)
- 3) The construction of Environmental Management which based on the standard.

3.2 Thorough management of chemical substances in product

- 1) Please observe the cause exchanged by Basic Purchase Agreement and Quality Assurance Agreement.
- 2) Please carry out the construction and operation of management system based on Guidelines for the management of chemical substances in products. Confirm suppliers the construction of management system periodically by a visit or self-evaluation.
Reference : <http://www.jamp-info.com/dl>
 - Guidelines for the Management of Chemicals in Products (Latest version)
 - Annex Check Sheet (Latest version)
- 3) Regarding the materials to be delivered, we will confirm the nonuse of prohibited substances designated by ROHM Group and the information of chemical substances contained in the materials. For details of the chemical substances managed by ROHM Group, please refer to "Control Standard of Chemical Substances in Products".
- 4) In case of changing chemical information of delivered product / materials including sub-material used in your production process, report it to ROHM in advance and then submit the required documents (Certificate of Nonuse of Prohibited Substances, List of Components, **chemSHERPA-CI / chemSHERPA-AI**, Analysis data) again.
In case of changing in following shall be careful in particular.
 - Changes and additions in suppliers, manufacturing plant
 - Changes in Production Processes
 - Changes in machinery and jigs
 - Changes in manufacturing conditions
 - Changes in materials, material quality
(Material Maker, Material Grade, Material Specification)

History and Content of Revisions

Rev. No	Date	Revision Contents
Rev.A	23 Mar 2004	Established
Rev.B	23 Mar 2005	The requirements for survey of the Environment Impact Substances. ROHM is providing this "Environmental Load Causing Substance Survey Content and Preparation Procedure".
Rev.C	15 Dec 2006	<ul style="list-style-type: none"> ▪ Documents to be submitted were changed. ▪ 12 substances are newly added to "Questionnaire on Use/Inclusion of Chemical Substances". ▪ Change the contents and demands of analysis data. ▪ Review the "Control reference values (threshold values) of prohibited substances". ▪ A description of application for change to be made for change(s) relating to the inclusion of environmental burden substances was added.
Rev.001	11 Nov 2009	<ul style="list-style-type: none"> ▪ To clarify the contents in "1.Scope", the sentence are revised. ▪ The contents of "2.Definitions of Terms" have been reviewed. ▪ The prohibited substances were added. ▪ The "Controlled Substances" was added. (Table 3) ▪ The "Exempted Applications of Heavy Metals Restricted following the RoHS Directive" was added. (Table 5) ▪ The "Exempted Applications of PFOS (2006/122/EC)" was added. (Table 6) ▪ The "Control standard values (threshold values) for prohibited substances" was reviewed. ▪ The reference "Requested Documents and method of delivering data" are reviewed. ▪ The "Prohibited Substances", "Controlled Substances" and "Measurement should be able to guarantee determination of SVHC" were added into "List of Component". ▪ Report of the concentration of chemical substances in products was added, Concentration values are with respect to total weight (wt%). ▪ To presentation for data of the concentration of chemical substances by JAMP MSDS plus / AIS. <p>【Analysis Report】</p> <ul style="list-style-type: none"> ▪ The following substances, Halogen (F, Cl, Br, I), Antimony (Sb), Phosphorus (P) were newly added to the list. ▪ Report of Analysis is defined as a report recording analysis results issued by the analysis laboratories (ISO / IEC17025 accredited bodies). ▪ Analysis methods for the six substances specified in the EU RoHS Directive shall be based on the International Electro-technical Commission's (IEC) IEC62321ED1.0 : 2008. ▪ Fluorine, Chlorine, Bromine, Iodine : BS EN14582 (ion-chromatography analyzer) ▪ Analysis methods of Antimony : EPA3050B (ICP), Phosphorus: US EPA3052B (ICP) ▪ The effective period of Analysis Report issued by analysis laboratories is one year from the date of measurement. We ask that you provide annual updates. <p>【Targeted Model List】</p> <ul style="list-style-type: none"> ▪ Added the method of delivering data are Series of Products. ▪ Added the attached sheet 4 "Target Model List".
Rev.002	12 Mar 2010	<ul style="list-style-type: none"> ▪ Review "2.Definition of Terms". ▪ Review the prohibit substances and control substances. ▪ Add "Table 5 Exempted Applications of Heavy Metals Restricted by RoHS Directive". ▪ Review 【Preparation Guidelines】

Rev.003	11 Apr 2011	<ul style="list-style-type: none"> ▪ Review “Table 3. Controlled Substance”. ▪ Adjust “Table 5. RoHS Directive ANNEX” to latest version. ▪ 《 Data Requested for Submission and method of delivering data 》 Add MSDS. ▪ Review the format of “Attachment 1” and “Attachment 1 List of Components Entering Example”. ▪ Table 8. Scope of Environmental-Burden Substances Survey The MSDS application example was added to the environmentally harmful substance investigation application example.
Rev.004	1 Oct 2013	<p>Green Procurement Standard and Green Procurement Guidelines were unified, and revised.</p> <ul style="list-style-type: none"> ▪ Prohibited Substances was classified to Level1 and Level2. ▪ Review Prohibited Substances Level, Prohibited Substances Level2 and Controlled Substances. <p>Requested items to Suppliers To add</p> <ul style="list-style-type: none"> ▪ 6.1 construction and promotion of Environmental Management System ▪ 6.3 The Management of Chemical substances in procured products
Rev.005	15 Jun 2016	<ul style="list-style-type: none"> ▪ Revise “2. ROHM Group Environmental Policy”. ▪ Review “4. Definition of Terms”. ▪ Review “Table1. Prohibited Substances” and “Table2. Controlled Substance”. ▪ Replace the latest version of “Table10. RoHS Directive Annex”. ▪ Phthalates were added as Analysis Report Substances. ▪ Analysis Method was changed to IEC62321 (2015).
Rev.006	1 Nov 2018	<ul style="list-style-type: none"> ▪ Revise “2. ROHM Group Environmental Policy”. ▪ Requirements related to the management of chemical substances in products were separated independently from the Green Procurement Guideline and enacted as the Control Standard of Chemical Substances in Products.