
	Thai Summit Mitsuba Manufacturing Co., Ltd.			
	Green Procurement Guideline			
	Document No.	Effective Date	Revision No.	Issued No.
	SD-MR-117	Mar 1, 2025	A	Original



Thai Summit Mitsuba Electric Manufacturing Co.,Ltd.

Address : 500/79 MOO 3 T.TASITH, A.PLUAK DAENG, RAYONG 21140 THAILAND

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INTRODUCTION



Today, the awareness towards environmental concerns has been raised even more in the whole society, while the company, as well, is strongly being demanded to create a recycling-oriented society.


We have addressed a decrease in environmental burdens as one of the most critical business challenges because we think that we should seek for the environmental management bearing always in mind what a society really desires.

Our products are made using materials delivered from a number of our suppliers. For this reason, our in-house environmental management activities alone will not be good enough to reduce environmental burdens; it will absolutely be imperative to realize environmental management activities across the entire supply chain involving all our suppliers.

In addition, global production and sales have been increasing more than ever. Under such circumstances, we will continue our efforts for environmental burden reduction by establishing and maintaining the Environmental Management System for worldwide supply chain.


Your understanding and support will be greatly appreciated for our approach to global environmental protection.

Purchasing department Vice President	Quality System department QMR
	
Mr. Jamras Karnkrajang	Mr. Sakon Srimungkhala

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1. POSITION OF THIS GUIDELINE


MITSUBA Group Green Procurement Guideline clarifies basic approach to environment which is commonly used in MITSUBA Group companies; besides, it explains requirements from MITSUBA .

Group to suppliers

Japan (6 companies)		MITSUBA Corporation Tatsumi Corporation Higashinihon Diecasting Industry Co., Ltd. Momimo Manufacturing Co., Ltd. Toyo Electric Manufacturing Co., Ltd. Sun-You Corporation
America (5 companies)	U.S.A.	American Mitsuba Corporation
	Mexico	Corporacion Mitsuba de Mexico, S. A. DE C. V. Corporacion Tatsumi de Mexico, S. A. DE C. V.
	Brazil	Mitsuba do Brasil Ltda. Mitsuba Autoparts do Brasil Indústria Ltda
Europe / Africa (6 companies)	Italy	Italy Mitsuba Italia S.p.A.
	Hungary	Hungary Mitsuba Automotive Systems of Europe Kft.
	France	France Mitsuba Manufacturing France S.A.
	Morocco	Morocco Mitsuba Manufacturing Morocco
	Russia	Russia Mitsuba Rus LLC
	Turkey	Turkey Mitsuba Turkey Otomotiv A.S.
Asia (7 companies)	Philippines	Philippines Mitsuba Philippines Corporation
	India	India Mitsuba India Private Ltd.
	Vietnam	Vietnam Mitsuba Vietnam Co., Ltd.
	Indonesia	PT. Mitsuba Indonesia
		PT. Mitsuba Automotive Parts Indonesia
		P.T. Tatsumi Indonesia
	Thailand	Thailand Thai Summit Mitsuba Electric Manufacturing Co., Ltd.
China (7 companies)		Guangzhou Mitsuba Electric Co., Ltd. Guangzhou Mitsuba Electric (Wuhan) Co., Ltd. Mitsuba Electric (Dalian) Co., Ltd. Mitsuba Shihlin Electric (Wuhan) Co., Ltd. Mitsuba Automotive Technology (Shanghai) Co., Ltd. Mitsuba China (Hong Kong) Ltd. Changzhou Shihlin Mitsuba Electric & Engineering Co., Ltd

For details of MITSUBA Group companies, see the website of MITSUBA Group Corporation.

(<https://www.mitsuba.co.jp>)

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2. BASIC STANCE OF MITSUBA GROUP

2.1 CORPORATE PHILOSOPHY

Mission Statement

Together with those who support it, MITSUBA will provide pleasure and peace of mind to the people of the world by creating technology in harmony with society and the Environment.

Management Policy

1. We will make MITSUBA the brand of choice on a global scale.
2. We will use our technology as a driving force to take up the challenge of creating new markets.
3. MITSUBA will bring out the best in its associates, as its associates bring out the best in Mitsuba.


Guidelines for Action

Vision · Challenge · Speed

Remaining true to our vision, we will respond to each challenge in a determined and Speedy fashion.

Company message

The Spirit of Technological Growth.

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2.2 ENVIRONMENTAL DECLARATION

Environmental Declaration

We will work to achieve a continuous harmonization with our natural environment by means of technical developments harmonized with the society and the environment. We will work to realize a safe and plentiful environment for us all.


- * We strive to conserve resources and energy in all of our corporate activities including development, production, and sales.
- * We strive to reduce waste and pollutants, and to dispose of these properly.
- * We strive to keep a safe living environment in harmony with local environments.

2.3 Environmental Action Guideline

1. We will attempt to make sparing and effective use of limited resources.
2. We will strive to save on energy in our corporate activities, in order to fulfill our corporate responsibilities with regard to global warming.
3. We will strive to find substitutes for ozone destroying substances in order to protect the ozone layer.
4. We will manage chemical substances properly and use abolition of harmful chemical substances including not using them for our products.
5. We will establish an environmental management system and strive to observe in company regulations that are stricter than public laws.
6. We will positively participate in social activities relating to the environment.

2.4 MITSUBA ENVIRONMENT VISION 2046

In order to achieve the goal to “realize a safe and plentiful environment” as stated in the “Environmental Declaration,” we have set the “MITSUBA Environment Vision” for 2046, which is the 100th anniversary of MITSUBA’s founding, as the target year for “improving corporate value” through reduction of CO2 emissions and resource consumption, and for “protecting the natural environment” by seeking zero environmental pollution risk.

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2.5 CARBON NEUTRAL POLICY

**In order to contribute to the realization of a carbon neutral society,
MITSUBA Group aims to achieve carbon neutrality from a life cycle perspective.**

2050	Long-term goal: Aiming to achieve carbon neutrality for the entire lifecycle by 2050
2030	Medium-term goal: Reduce Scope 1 and 2 by 50% by 2030

3. APPROACH TO ENVIRONMENT OF MITSUBA GROUP

3.1 ESTABLISHMENT OF EMS

MITSUBA Group considers global environmental protection as an important management issue, so that we started establishing EMS: Environmental Management System from 1997 to make continued efforts to reduce environmental burdens. These activities include not only prevention of global warming and natural resources saving with emissions recycling, but also reduction of environmental burdens related to the operation of respective companies and departments.


The perspective of Life Cycle Assessment (LCA) with regard to not only production step but also use and disposal step of the product is crucial to achieve continuous reduction of environmental burdens which is contemplated by ISO14001 Environmental Management System. We will work on this task.

3.2 COMPLIANCE WITH ENVIRONMENTAL LAWS AND REGULATIONS

MITSUBA Group has positioned its code of conduct as correctly understanding and complying with environmental laws and regulations in each country and region, and we regularly collect legal information and evaluate compliance with those laws and regulations.

3.3 RESPONSE TO CLIMATE CHANGE

In order to contribute to the realization of a carbon neutral society, MITSUBA Group is committed to understanding and reducing CO₂ emissions throughout its entire supply chain. This includes all stages from materials purchasing to the usage of products and shipping of products and parts. Moreover, by conducting analysis based on the TCFD recommendations and proactively incorporating responses to climate change into our management, we aim to support the sustainable development of society, including the MITSUBA Group.

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3.4 RESOURCE RECYCLING

In order to promote the formation of a recycling-oriented society and the effective use of limited resources, MITSUBA Group is enhancing activities to improve the yield of raw and auxiliary materials. Moreover, we will promote activities aimed at forming a “recycling-oriented society” by pursuing the efficient use and recycling of resources from a life cycle perspective.

3.5 SUBSTANCE OF CONCERN (SOC) MANAGEMENT

Since “Agenda 21: Sound Management of Hazardous Chemicals” was adopted by Rio Summit (UN Conference on Environment and Development) in 1992, the management of chemicals (Substance of Concern), whose use in products is restricted by each country’s environmental laws and regulations, has been a critical issue of concern around the world.

Environmental laws related to automobiles include the “EU ELV Directive 2000/53/EC”, “RoHS Directive 2002/95/ EC”, “EU REACH regulations EC 1907/2006”, and “CSCL (Chemical Substances Control Law)”, etc. of Japan. In order to comply with these environmental laws and regulations, MITSUBA Group will focus on the management of SOC’s included in our products and the establishment of SOC management system for the whole supply chain.


3.6 BIODIVERSITY

Each MITSUBA Group company monitors the surrounding natural environment and actively works on forest maintenance, tree planting, and environmental beautification activities. In order to protect our abundant natural environment, we will actively contribute to its conservation.

4. POLICY OF GREEN PROCUREMENT

Previously, we had asked our suppliers for their cooperation on quality, cost, and delivery due date.

However, what society is now asking for our products is the reduction in the environmental burdens throughout their life cycles which consist of procurement including supply chain, production, transportation, use and disposal. In concrete terms, chemical management of products, resource savings, energy savings and prevention of environmental pollution. In order to meet these demands, we must also seek your cooperation on environmental consideration (green purchasing), in addition to your ongoing cooperation on quality, cost and delivery due date.

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5. REQUIREMENTS FOR SUPPLIERS

5.1 ESTABLISHMENT OF EMS

(1) Establish EMS: Environmental Management System that meets ISO14001 or what is equivalent to the former.

(2) Acquisition of such certification systems as Eco Action 21, Eco Stage and Environmental Management System Standard (KES), etc. in Japan will also be considered as that Environmental Management System is already built as with the acquisition of ISO14001.

(3) Likewise, regulations for small and medium scale businesses established in other countries having fewer burdens are acceptable as well.

(4) Proceed with activities related to environmental conservation in case of not yet being certified.

(Development of objective and action plan, role sharing, compliance with regulations, reduction of energy, reduction of waste, management of chemicals, environmental education, audit, etc.)

The detail is shown in Appendix 2 “EMS: SELF ASSESSMENT CHECKLIST”.

5.2 COMPLIANCE WITH ENVIRONMENTAL LAWS AND REGULATIONS


Comply with all applicable national and local environmental laws and regulations.

5.3 REDUCTION OF GREENHOUSE GAS EMISSIONS TO ADDRESS CLIMATE CHANGE

Work on understanding and reducing CO2 emissions from your business activities. As part of our efforts across the entire supply chain to realize a carbon neutral society, we may request you to provide information regarding CO2 emissions during the manufacture of materials and parts, CO2 emissions during transportation, and reduction efforts. We appreciate your cooperation in such requests.

5.4 PROMOTION OF RESOURCE CONSERVATION, RECYCLING AND WASTE REDUCTION FOR RESOURCE CIRCULATION

Take actions to recycle resources in your business activities. We may request you to provide information regarding material recycling rates and the use of recycled materials. We appreciate your cooperation on such requests.

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5.5 SOC MANAGEMENT

5.5.1 INTENDED SCOPE

(1) The SOC management for products applies to all items procured by MITSUBA Group companies:

- a Materials and parts: Including the ones not for auto parts and samples.
- b Sub materials: Solder, Adhesive, Grease, metal working lubricant, tape, marker, etc.
- c Packing material: Including not only carton but cushioning materials, bands and labels etc.

5.5.2 SOC LIST OF MITSUBA

Comply with the laws and regulations specified in the Appendix “SOC List of MITSUBA” of MES A015 “Restricting the use of Substances of Concern for Products”.

5.5.3 SOC MANAGEMENT SYSTEM

(1) Establish SOC Management System. (Clarification of role sharing, human development, control criteria, supplier management, parts control, internal audit, etc.)

For further details, please refer to A – M in “4.4.1(2) Requirements for establishing SOC (Substances of Concern) management system” in “Supplier Quality Manual; Requirements (Control No.: D-Q01).”

(2) We may perform an audit of your SOC Management System.


5.6 INVESTIGATION ON SOC

5.6.1 SUBMISSION OF EVIDENCE

(1) We will request our suppliers to submit some evidence to prove non-inclusion of specified SOC (see Appendix 3), according to the request from our customers or in case that we consider that it is necessary.

(2) The evidence to prove non-inclusion of SOC is analysis data which indicates that the amount of SOC contained in materials or parts is below the corresponding threshold values stated in the SOC list. Four substances specified in ELV Directive (Pb, Cd, Hg, Cr6+) are subject to this requirement. We will request you to submit the same evidence clarifying a substance name in case of other substances.

(3) We will make a request on a case-by-case basis if our customer specifies types of analysis equipment, ISO17025 Certification of laboratory, analysis date and language to be used etc.

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5.6.2 SUBMISSION OF DATA ON CHEMICAL SUBSTANCES CONTAINED IN MATERIALS AND PARTS

(1) When trading the items defined in 5.5.1(1) a - c with MITSUBA Group companies, submit data on the chemical substances contained in materials and parts to be traded (chemical substance data). In particular, if any substances specified in Table 1 (GADSL) of the MITSUBA SOC List (Appendix of MES A015 “Restricting the use of Substances of Concern for Products”) are contained above the specified threshold value, report this as chemical substance data, regardless of whether the inclusion is intentional or unintentional.

(2) Submit the chemical substance data using either the “IMDS (International Material Data System)” or the “JAPIA Standard Material Datasheet.” Moreover, when submitting the chemical substance data, please answer whether recycled materials are used. If recycled materials are used, please specify the usage rates of in-process recycled materials (pre-consumer recycled

materials) and market-collected recycled materials (post-consumer recycled materials).


(3) If the chemical substance data contains your confidential information, up to 10% of the data may be disclosed as MISC (miscellaneous). In this case, the total of MISC and disclosed ingredients must be 100%. Furthermore, substances specified in Table 1 (GADSL) of the SOC List of MITSUBA of MES A015 “Restricting the use of Substances of Concern for Products” must not be included in MISC.

(4) If a substance disclosed as MISC becomes a declared substance due to revisions in Table 1 (GADSL) and Table 2 (List of Voluntarily Prohibited Substances Not Covered by GADSL) of the SOC List of MITSUBA of MES A015 “Restricting the use of Substances of Concern for Products”, or if there is a change in the inclusion of a declared substance due to a material change, resubmit the chemical substance data.

(5) The chemical substance data is required for compliance checks with related laws and regulations and information disclosure obligations. We ask for your cooperation in observing the submission schedule. Moreover, since the chemical substance data needs to be collected ultimately from raw material manufacturers throughout the supply chain, we ask that you regularly collect and manage this data on delivered items, regardless of specific reporting requests.

5.6.3 SURVEY ON THE USAGE OF SOC

(1) Due to legislative trends regarding SOC in the countries, we may ask our suppliers for help to do some survey on whether specific SOC is being used or not, based

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on requirements from customers or at our discretion. In such cases, we will seek our suppliers' support to make inquiries to material suppliers etc.

5.7 SUBMISSION OF DECLARATION

(1) Regarding “purchased items” that our suppliers obtain from their subcontractors and deliver to us, we will request our suppliers to pledge that they do not contain any prohibited substances as specified in the SOC List of MITSUBA in “MES A015 Restricting the use of Substances of Concern for Products”, and that the substances required to be reported are declared if they exceed their threshold values.

(2) We will request our suppliers to submit “Declaration”, according to the request from our customers or in case that we consider that it is necessary.

(3) Please report using a supporting data: Appendix 1 “DECLARATION OF CONFORMITY TO MITSUBA Engineering Standard MES A 015 “RESTRICTING THE USE OF SOC FOR

5.8 BIODIVERSITY

We request that you reduce the use and discharge of substances that may have a significant impact on the environment, conserve biodiversity in your business activities, and make effective use of limited resources.

6. APPENDICES

(1) Appendix 1 “DECLARATION OF CONFORMITY TO MES A 015: RESTRICTING THE USE OF SOC FOR PRODUCTS”

(2) Appendix 2 “EMS SELF-ASSESSMENT CHECKLIST”

(3) Appendix 3 “GLOSSARY”

MITSUBA Group Green Procurement Guideline is disclosed at the website of MITSUBA Corporation: <https://www.mitsuba.co.jp/en/purchase.html>

7. CONTACT FOR INQUIRIES

Submit inquiries related to this guideline to the contact below in English or Japanese.

Attn: MITSUBA Corporation, Purchasing Planning Section 1, Purchasing Planning Department

E-mail: greenkobai@mitsuba.co.jp

TEL: 0277-52-0171 FAX: 0277-54-6920