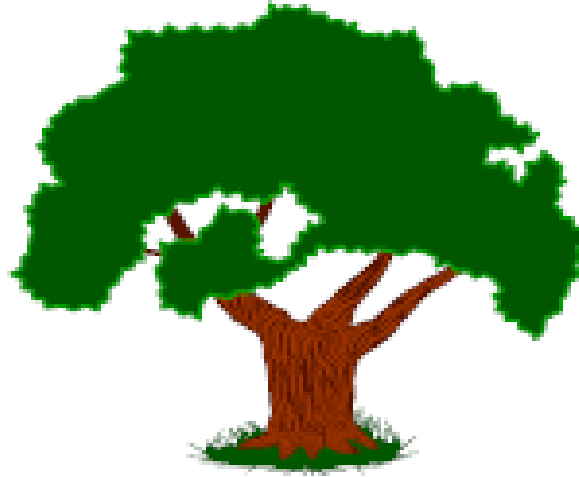


NPT approach to green procurement



NPT Green Procurement Guideline

6th edition

Edition revised on 9-Mar-2010

Namiki

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Introduction to NPT approach to green procurement

The 21st century is often referred to as the 'Century of the Environment' as many companies including Namiki Precision (Thailand) Co., Ltd. have agreed to implement environmental preservation activities for the sake of future generations.

Our company is committed to the slogan "Sustainable development" and we place great importance on certification; we obtained our ISO14001 certificate in December 2000.

We give careful consideration to providing best-in-class product quality at reasonable prices, always taking into account the environmental aspect.

This guideline explains the basic concept of NPT's green procurement principles in order that our company and our suppliers can achieve continual improvement.

Should there be any change in circumstances or any change in applicable legal or other requirements, the Green Procurement Guideline will be revised, and suppliers will be expected to submit an updated questionnaire to NPT. Suppliers will be ranked according to the criteria outlined in this guideline. We look forward to your cooperation as our green partners.

NPT green procurement policy

In recognition of the environmental conservation as one of the most important missions given to mankind and we have strived to be an environmentally friendly company.

Although the control of our internal system is important, we also recognize that our suppliers have an important role in minimizing the environmental burden throughout our products life cycle.

In so doing, Namiki Precision (Thailand) Co., Ltd. commits to procure the **"Environmentally Preferable Products"** by,

- Procure from suppliers who proactively promote the environmental protection.
- Procure the materials and products that are environmental friendly and do not contain harmful substances.

NPT intends to fulfil the customer's environmental requirement to gain their great satisfaction.



Mr. Akinori Sato
Chief Operating Officer
Namiki Precision (Thailand) Co., Ltd.
9-Mar-2010

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NPT Green procurement guideline

1. Purpose

The environmental policy of Namiki Precision (Thailand) Co., Ltd. (NPT) commits to providing best-in-class products that are environmentally friendly and fully comply with international requirements for controlled chemical substances and environmental-related systems.

This document is established for green procurement activities in order to effectively minimize the use of environmental-related hazardous substances in materials/supplies based on the NPT environmental policy in terms of sustainable development.

This is also a guideline for procurement activities that provides criteria for purchasing components with the intention of selecting only those products that have low environmental impact and doing business with only those suppliers that have implemented environmental preservation activities.

2. Scope of application

This guideline is applicable to all suppliers that provide products to our company, e.g., materials or supplies including services, chemical substances and packing materials.

3. Terms and definitions

Terms and definitions used in this guideline refer to those mentioned in the ISO14001 standard.

- **Product assessment:**
The assessment of the environmental impact of a product throughout its design process.
The term "product assessment" refers to the notion that the raw material production, manufacture, distribution, use, recycle and disposal including transportation steps must be assessed. This might lead to product design change where necessary in order to minimize the environmental impact of a product or to optimize the environmental performance of a company.
- **RoHS:** Restriction of the use of certain hazardous substances in electrical and electronics equipment. (Standard to Directive 2002/95/EC of the EU Parliament and the Council of January 27, 2003 on the restriction of the use of certain hazardous substances in electrical and electronics equipment. (Pb, Hg, Cr+6, PBB and PBDE to be less than 1000 ppm and Cd to be less than 100 ppm.)
- **Sustainable development:** The main principle to bear in mind when developing a product or process, in order to minimize environmental impact, reduce energy and raw material waste, or to make the best use of resources.

4. NPT Environmental preservation activities

4.1 Environmental principle

NPT applies unique, clean technology to prevent pollution and protect the global environment. The activities are intended to enhance the overall performance of environment preservation and contribute to human health.

4.2 Environmental activities

NPT has established an environmental objective and target consistent with its environmental policy, including the commitment to prevent pollution and strive for continual improvement. Our activities are performed in a manner that respects nature, and we strive to protect and improve the global environment. The environmental objective and target is subjected to periodic review at which time all technological options and business requirements are taken into account. In order to improve the effectiveness of our environmental performance, NPT has implemented an environmental management system (EMS) and obtained ISO14001 certification in the year 2000. NPT's environmental policy is also made available to the public.

5. NPT Green procurement

5.1 Basic concept of green procurement

NPT intends to minimize the hazardous substance content in our products, which requires the kind cooperation of our green partners. The following is a list of activities to help us reach our green procurement goal.

1) Procurement of components from suppliers who implement environmental preservation activities

Basically, our suppliers are required to conduct activities that demonstrate their commitment to environmental preservation.

The Purchasing Dept. will consider whether or not a supplier has obtained ISO14001 certification by a certificate body (CB), ensuring the effective implementation of an environmental management system. Suppliers certified by a CB will be given high priority during the procurement process.

2) Procurement of components, services and packing materials with low environmental impact

For all product components including packing materials used for the product or in a product process. NPT intends to use only those components that have low environmental impact or those that are specifically designed for the environment (*ecodesign*).

5.2 Green Procurement Standard

NPT has established a green procurement standard including the evaluation criteria for suppliers and component procurement.

The main point to review is environmental activities in relation to the environmental impact of the supplier's products.

1) Criteria for component selection

Regarding the selection criteria for purchasing components, not only is quality and price considered, but NPT also takes into account the chemical substances contained in a single part.

NPT prefers products with low environmental impact in line with good quality and reasonable price.

Basic principle of hazardous substance reduction and minimization

- ☑ Products from suppliers should comply the NPT chemical standard described on page 7 of this guideline.
Exceptions may be considered in the case of a supplier that intends to minimize the use content of the controlled substance in the product.
- ☑ Products should use minimal natural resources and consume little energy.
- ☑ As with products, suppliers should minimize the use of natural resources, promoting the use of returnable containers. The control of chemical substances in packing materials should also be taken into account.
- ☑ Suppliers' activities must comply with regulations and other requirements concerning waste disposal laws, the energy saving laws, etc.
- ☑ Product assessment results, e.g. ICP data, MSDS or MIL sheets, should be available upon request.
- ☑ Environmental-related information on products must be communicated to the public.
- ☑ The use of recycled resin in molding part is prohibited.

However, if the chemical content in a single part comply NPT chemical standard, it can be accepted upon our approval. (For further information, please contact our Purchasing officer)

(1) Evaluation items concerning chemical substances contained in products

- Suppliers must provide NPT with the "Environmental questionnaire concerning chemical substances" (FORM 2) and ICP data or material analysis certificate, RoHS certificate.
- Components shall comply the NPT chemical standard.

2) Criteria for supplier selection (Based on Q-C-D-S-E principle)

When selecting a supplier, **Quality, Cost, Delivery, and Service** performances are the main items to be considered.

Also taken into account is the supplier's **Environmental preservation activities**.

| |
|---|
| <p>(2) Evaluation items concerning environmental management system (ISO14001)</p> <ul style="list-style-type: none"> - The supplier is certified according to ISO14001 by an external certification body. - The supplier plans to obtain ISO14001 certification within a year. - The supplier has no plans to obtain ISO14001 certification. <p>(3) Evaluation items concerning environmental preservation activities</p> <p><i>(* Optional: if the supplier has obtained ISO14001 certification, this item can be omitted.)</i></p> <ul style="list-style-type: none"> - Employee awareness and environmental policy - Environmental management plan and company organization - Environment assessment system - Training and internal communication |
|---|

For suppliers, please note the following items:

- Supplier ranking is judged from the evaluation items, e.g., chemical substances contained in a product, environmental management system (ISO14001) and environmental preservation activities.
- Supplier ranking is divided into 3 categories: **Green (Pass)**, **Yellow (Pass with condition)** and **Red (Fail)**

| | |
|---|--|
| <p>< G > <i>Pass</i></p> | <ol style="list-style-type: none"> 1. The breakdown of substances in the supplied component complies with NPT's chemical standards. 2. The supplier has obtained ISO14001 certification. |
| <p>< Y > <i>Pass with condition</i></p> | <ol style="list-style-type: none"> 1. The breakdown of substances in the supplied component complies with NPT's chemical standards. 2. The supplier has not yet obtained ISO14001 certification, but evaluation through the NPT green procurement survey is higher than 85 points. |
| <p>< R > <i>Fail</i></p> | <ol style="list-style-type: none"> 1. The supplied component does not comply with NPT's chemical standards. 2. The supplier has not yet obtained ISO14001 certification and has no plans to do so. Evaluation through the NPT green procurement survey is lower than 80 points. |

- The evaluation results and ranking will be communicated to the supplier.
- If the supplier's ranking is " G or Y ", business dealings can continue without any problem.
- In the case of a supplier failing the evaluation, any newly issued purchase orders to that supplier might be temporarily suspended until the supplier implements improvement measures.
Or, business dealings with this supplier might be terminated.

6. NPT Supplier requirements

NPT expects suppliers to cooperate by replying to the two enquiries. Please take note of the following memorandum conditions:

1. NPT Green procurement survey (FORM 1)

This questionnaire requests information about the supplier's activities to promote environmental preservation, including the establishment of an environmental management system.

2. Environmental questionnaire concerning chemical substances (FORM 2)

- In order to confirm the status of controlled substances in suppliers' products including the contents, we ask you to complete the "Environmental questionnaire concerning chemical substances" and submit it to NPT together with the material ingredient list, ICP data or MSDS.
- If a controlled substance is used in your manufacturing process, please submit the material ingredient list, ICP data or MSDS as well.

3. Conclusion of the memorandum agreement to minimize controlled substances

When NPT need to confirm the minimization of controlled substances in products provided by the supplier, not only must the above-mentioned questionnaires be submitted to NPT, but the supplier must also conclude a memorandum agreement with NPT.

NPT is very proud to have such great support from all our suppliers.

Our green procurement activities contribute to environmental awareness and minimize the impact on the environment. Your cooperation and support makes it possible for us to provide the global market with environmentally friendly products of unsurpassed quality.

For suppliers, please support us by completing the following:

- Fill out the **NPT Green procurement survey (FORM 1)** and **Environmental questionnaire concerning chemical substances (FORM 2)** attached to this guideline.

Return the completed survey to our Purchasing officer.

It is strongly recommended for you to stamp your company seal on the questionnaire.

- For new supplier, we request your cooperation in submitting the "NPT Green procurement survey" (FORM 1) and "Environmental questionnaire concerning chemical substances" (FORM 2) to NPT.
- For a supplier which the name has changed, we request your cooperation in submitting the "NPT Green procurement survey" (FORM 1)
- If the base raw material of a component or a process condition is changed, or if a chemical substance used in a component is changed, the supplier is required to submit the "Change application from supplier" so NPT could consider whether it is necessary for the supplier to resubmit the "Environmental questionnaire concerning chemical substances" (FORM 2) again.

Thank you for your cooperation.

Conclusion

In the efforts made towards protecting the environment and achieving the objectives of this guideline, suppliers must undertake the following:

- Every effort must be made to minimize the use of hazardous substances in all products.
- Packing material must be returnable or must at least minimize the use of resources.

Should you have any further question or require additional information of substances in group list, please ask our Purchasing officer.

NPT chemical standard (For substance list and CAS No. refers to substance list file)

| Substance name | Standard | Threshold |
|--|--|-------------------------------|
| Cadmium and compounds | All applications shall be $\leq 0.01\%$ by weight of a homogenous material Cadmium is banned in packaging and packaging inks. | 100 ppm Banned |
| Hexavalent chromium and compounds | All applications shall be $\leq 0.1\%$ by weight of a homogenous material Hexavalent chromium is banned in packaging and packaging inks. | 1000 ppm Banned |
| Mercury and compounds | All applications shall be $\leq 0.1\%$ by weight of a homogenous material Mercury is banned in packaging and packaging inks. | 1000 ppm Banned |
| Lead and compounds | Concentration shall be $\leq 0.01\%$ by weight of a homogenous polymeric material Concentration shall be $\leq 0.1\%$ by weight of a homogenous material Lead is banned in packaging and packaging inks. | 100 ppm 1000 ppm Banned |
| Polybrominated Biphenyls (PBBs) Polybrominated Diphenyl ethers (PBDEs) | All application shall be $\leq 0.1\%$ by weight of a homogenous material | 1000 ppm |
| Brominated flame retardant | All application shall be $\leq 0.09\%$ by weight of a homogenous material | 900 ppm |
| Tributyl Tin Oxide (TBTO) Tributyl Tins (TBTs) and Triphenyl Tins (TPTs) | Banned in all applications as intentionally added. | Banned |
| Polychlorinated Biphenyls (PCBs) Polychlorinated Terphenyls (PCT) | Banned in all applications as intentionally added. Impurities concentration from natural raw materials and processes shall be $\leq 0.005\%$ by weight of a homogenous material. | Banned 50 ppm |
| Polychlorinated Naphthalene (PCN) (Cl \geq 3) | Banned in all applications as intentionally added. | Banned |
| Polyvinyl Chloride (PVC) | Banned in all applications as intentionally added. | Banned |
| Chlorinated Paraffins (PCs) | Banned in all applications. | Banned |
| Aliphatic CHCs | Banned in all applications. | Banned |
| Chlorine and compounds | All application shall be $\leq 0.09\%$ by weight of a homogenous material | 900 ppm |
| Ozone depleting substance | Banned in all applications. | Banned |
| Antimony and compounds | Concentration shall be $\leq 0.09\%$ by weight of a homogenous material. | 900 ppm |
| Asbestos | Banned in all applications. | Banned |
| Azo colorant & pigment | Banned in all applications. | Banned |
| Carcinogens, mutagens and reproductive toxins (CMR) | Any content must be reported. | To be reported |
| Radioactive substance | Banned in all applications. | Banned |
| Formaldehyde | Banned in all applications. | Banned |
| Arsenic and compounds | All application concentration shall be ≤ 1000 ppm | 1000 ppm |
| Beryllium and compounds | Banned in all applications as intentionally added. | Banned |
| Bismuth and compounds | All application concentration shall be $\leq 0.1\%$ by weight. | 1000 ppm |
| Nickel and compounds | 1) Surface treatment concentration shall be ≤ 1000 ppm. 2) Any content of nickel in alloy must be reported. | 1000 ppm To be reported |
| Cobalt and compounds | Any content must be reported. | To be reported |
| Selenium and compounds | All application concentration shall be $\leq 0.1\%$ by weight | 1000 ppm |
| Phthalates | Banned in all applications as intentionally added. | Banned |
| Benzene | Concentration shall be $< 0.1\%$ by weight of a homogeneous material. | 1000 ppm |
| Endangered species of flora and fauna | Any content must be reported. | To be reported |
| Isocyanates | Any content must be reported. | To be reported |
| Nonyl Phenols (NP) and Nonylphenol Ethoxylates (NPE) | Banned in all applications. | Banned |
| Perfluorooctane sulfonates (PFOSs) | Concentration shall be $< 0.005\%$ by weight of a homogenous material. | 50 ppm |
| Perfluorooctanic acids (PFOAs) | Any content must be reported. | To be reported |
| Substances that may cause skin sensitization | Any content must be reported. | To be reported |
| REACH Substances of Very High Concern (SVHC) | Banned in all applications. | Banned |

Changes history

| No. | Changes detail | Edition date |
|--------------------------------------|---|--------------------|
| 1. The 1st edition | Established the system of green procurement at NPT and first issue of green procurement guideline. | 9-Feb-2007 |
| 2. The 2nd edition | 2.1 Arranged chemical substance list to be controlled by adjusting substance level to be in accordance with Namiki group includes, - Polyvinyl Chloride (PVC) from level 2 to level 1 - Tributyl Tin Oxide(TBTO), Tributyl Tins (TBTs) & Triphenyl Tins (TPTs), Polychlorinated Naphthalenes (Cl=>3), Asbestos and Radioactive Substances from level 3 to level 1 - Bismuth and Bismuth Compounds, Nickel and Nickel Compounds, Selenium and selenium Compounds and Magnesium from level 3 to level 2 2.2 Changed the revision of environmental questionnaire concerning chemical substances to add column of CAS No., Abolition plan and Abolition schedule. | 15-Feb-2007 |
| 3. The 3rd edition | 3.1 Added the mention of not to use the recycled resin in molding parts with the exemption. 3.2 Added details for the supplier to stamp company seal on the questionnaire. | 26-Oct-2007 |
| 4. The 4th edition | 4.1 Arranged chemical substance list to be controlled by adding e.g. Aliphatic CHCs, Benzene, Carcinogens, mutagens&reproductive toxins Cobalt, Endangered species of flora and fauna, Isocyanates, Nonyl Phenols & Nonylphenol Ethoxylates, Perfluorooctane sulfonates (PFOSs) and Substances that may cause skin sensitization | 27-Feb-2008 |
| 5. The 5th edition | 5.1 Revised the NPT chemical standard. 5.2 Added new substance; chlorine compound, PFOAs, REACH SVHC. 5.3 Changed the revision of environmental questionnaire concerning chemical substances and the green procurement survey. | 14-Feb-2009 |
| 6. The 6th edition | 6.1 Updated the green procurement policy to approve by COO, NPT's top management | 9-Mar-2010 |

NPT Green Procurement Survey

Company information

| | |
|--------------|--|
| Company name | |
| Address | |
| Tel. | |
| Fax. | |

| |
|--------------|
| Company seal |
| |

| | |
|------------------|--|
| Completed by | |
| Section/Position | |
| E-mail address | |
| Date completed | |

1. Environmental management system (ISO14001)

| | Yes | No | Certification period | CB & Certificate no. |
|---|--------------------------|--------------------------|----------------------|----------------------|
| The company has obtained ISO14001 certification. | <input type="checkbox"/> | <input type="checkbox"/> | | |
| The company plans to obtain ISO14001 certification. | <input type="checkbox"/> | <input type="checkbox"/> | when? | |
| The company has no plan to obtain certification. | <input type="checkbox"/> | <input type="checkbox"/> | | |

* Please attach copy of your ISO certificate

2. Environment preservation activity (Companies with ISO14001 certification can omit this item.)

| Evaluation item | Evaluation criteria | Yes | No | Points |
|---|---|-----|----|----------|
| Environmental commitment and policy | • Do you have a documented environmental policy? | 5 | 0 | |
| | • Does your policy state a commitment to preventing pollution and striving to make continual improvement? | 5 | 0 | |
| | • Does the policy mention legal compliance? | 5 | 0 | |
| | • Can you ensure that the policy is communicated to all employees and the public? | 5 | 0 | |
| Environmental plan and organization | • Do you have environmental objectives and targets? | 5 | 0 | |
| | • Do you have an environmental plan to approach the objectives and targets? | 5 | 0 | |
| | • Do you clearly mention the function and responsible person for the plan? | 5 | 0 | |
| | • Are environmental progress and results available upon request? | 5 | 0 | |
| Environmental evaluation system | Does your company strive to control and assess the following items? | | | |
| | • Water pollution | 5 | 0 | |
| | • Air pollution | 5 | 0 | |
| | • Noise and vibration | 5 | 0 | |
| | • Waste disposal | 5 | 0 | |
| | • Energy (Electricity, gas, fuel, etc.) | 5 | 0 | |
| | • Do you use prohibited substances in your products? | 5 | 0 | |
| | • Do you have a product assessment system? | 5 | 0 | |
| | • Do you have a plan for responding to emergency situations such as an accident or fire? | 5 | 0 | |
| • Do you conduct internal environmental audits? | 5 | 0 | | |
| Environment education | • Do you conduct training or activities related to the environment in the company? | 5 | 0 | |
| | • Is education and training implemented for persons whose work can cause an impact on the environment? | 5 | 0 | |
| | • Does your company disclose environmental information to the public? | 5 | 0 | |
| Total 1 | | | | 0 |

3. Evaluation items of chemical substances contained in products

| Evaluation criteria | Yes | No | Points |
|---|-----|----|----------|
| (1) The supplier has provided an "Environmental questionnaire concerning chemical substances" and the ICP data or material analysis certificate, RoHS certificate to NPT. | 5 | 0 | |
| (2) Does the product of your company comply with NPT chemical standard? | 5 | 0 | |
| Total 2 | | | 0 |

★ **Judgment** (to be filled in by NPT)

| Comment | Total points | Evaluation ranking |
|---------|--------------|--------------------|
| | 110 | |

| ISO | Purchasing | Checked | Approved |
|-----|------------|---------|----------|
| | | | |

【グリーン調達取引先調査票】

会社の情報

| | |
|-------|-------|
| 会社名 | ----- |
| 所在地 | ----- |
| 電話番号 | ----- |
| FAX番号 | ----- |

| |
|--------------|
| Company seal |
| |

| | |
|--------|-------|
| 回答担当者 | ----- |
| 部署・位置 | ----- |
| E-mail | ----- |
| 回答日 | ----- |

1. 環境ISO14001認証取得に関する項目

| | Yes | No | 取得日 | 認証機関・登録番号 |
|----------------------------|-----|----|-----------|-----------|
| ISO14001外部認証を既に取得している。 | | | | |
| ISO14001外部認証の取得計画がある。 | | | 計画はいつですか。 | |
| 1年以内にISO14001外部認証の取得の予定なし。 | | | | |

* ISO登録証のコピーを提出してください。

2. 環境保全活動に関する項目 (ISO認証がある場合は記入不要)

| 項目 | 評価基準 | Yes | No | 評価 |
|---------------------|---|-----|----|----|
| 企業理念・方針 | ● 環境方針に関する企業理念がある。 | 5 | 0 | |
| | ● 環境方針を定め、継続的な改善及び汚染の予防を誓約していますか。 | 5 | 0 | |
| | ● 環境方針で法規制の遵守を明記されていますか。 | 5 | 0 | |
| | ● 環境方針を全ての従業員に徹底させ、第三者が入手可能になっているか。+2 | 5 | 0 | |
| 計画・組織 | ● 環境保全に対する目的、目標がある。 | 5 | 0 | |
| | ● 目的・目標を達成するための実行計画がある。 | 5 | 0 | |
| | ● 目的・目標を達成するための組織・責任者が明確になっていますか。 | 5 | 0 | |
| | ● 環境保全活動に関する取組内容およびその結果を報告できる。 | 5 | 0 | |
| 環境評価システム | ・以下の項目を管理・評価し改善に努力しているか。 | | | |
| | ● 水質汚濁 | 5 | 0 | |
| | ● 大気汚染 | 5 | 0 | |
| | ● 騒音、振動 | 5 | 0 | |
| | ● 廃棄物処理 | 5 | 0 | |
| | ● エネルギー(電気、ガス、燃料など) | 5 | 0 | |
| | ● 弊社の禁止物質が遵守されていますか。 | 5 | 0 | |
| | ● 製品アセスメントの仕組みがありますか。 | 5 | 0 | |
| | ● 緊急時(事故、災害など)に対する仕組みがありますか。 | 5 | 0 | |
| ● 環境内部監査の仕組みがありますか。 | 5 | 0 | | |
| 教育訓練・情報提供 | ● 全従業員に対し、定期的に環境関連教育・啓発活動を実施していますか。 | 5 | 0 | |
| | ● 環境に著しい影響を与える可能性のある作業に従事する者には、別途教育訓練を実施し、作業リストを作成していますか。 | 5 | 0 | |
| | ● 自社の環境保全に関する情報公開をしていますか。 | 5 | 0 | |
| | Sum 1 | | | 0 |

3. 製品に環境負荷低減に関する項目

| 評価基準 | Yes | No | 評価 |
|---|-----|----|----|
| (1) NPTのEnvironmental questionnaire concerning chemical substances、ICPデータ又は、部品分析報告書、RoHS認定書をNPTに提出していますか。 | 5 | 0 | |
| (2) 製品の負荷物質はNPT chemical standardに満たしますか。 | 5 | 0 | |
| Sum 2 | | | 0 |

★ 判定 (NPTにて記入)

| コメント | 評価結果 | 評価ランク |
|------|------|-------|
| | 110 | |

| ISO | Purchasing | Checked | Approved |
|-----|------------|---------|----------|
| | | | |

Environmental Questionnaire Concerning Chemical Substances

Company name: _____

Subcontractor name: _____ (If any)

Part name: _____

Z code: _____

Basic raw material: _____

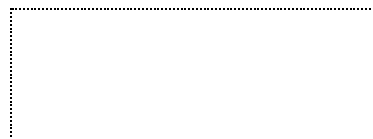
Treatment: _____ (If any)

| Chemical classification and substance 化学大類及び学物質群 | Contained? | | Content (ppm) | CAS No. | Abolition plan (Y/N) | Abolition schedule | Purpose of use |
|--|------------|-----|------------------|---------|-------------------------|-----------------------|----------------|
| | No | Yes | | | | | |
| カドミウム及びその化合物 Cadmium and Cadmium Compounds | | | | | | | |
| 六価クロム化合物 Hexavalent Chromium Compounds | | | | | | | |
| 水銀及びその化合物 Mercury and Mercury Compounds | | | | | | | |
| 鉛及びその化合物 Lead and Lead Compounds | | | | | | | |
| ポリ臭化ビフェニール類 (PBB類) Polybrominated Biphenyls (PBBs) | | | | | | | |
| ポリ臭化ジフェニルエーテル類 (PBDE類) Polybrominated Diphenyl ethers (PBDEs) | | | | | | | |
| 臭素系難燃剤 Brominated Flame Retardants | | | | | | | |
| ビス(トリブチルスズ)＝オキシド (TBTO) Tributyl Tin Oxide(TBTO) | | | | | | | |
| トリブチルスズ類 (TBT類)、トリフェニルスズ類 (TPT類) Tributyl Tins (TBTs) & Triphenyl Tins (TPTs) | | | | | | | |
| ポリ塩化ビフェニール類 (PCB類) Polychlorinated Biphenyls (PCBs) | | | | | | | |
| ポリ塩化ターフェニール (PCT) Polychlorinated Terphenyls (PCT) | | | | | | | |
| ポリ塩化ナフタレン (塩素数が3以上) Polychlorinated Naphthalenes (Cl>3) | | | | | | | |
| ポリ塩化ビニル (PVC) Polyvinyl Chloride (PVC) | | | | | | | |
| 短鎖型塩化パラフィン(PC) Short Chain Chlorinated Paraffins (PCs) | | | | | | | |
| 脂肪族CHCs Aliphatic CHCs | | | | | | | |
| 塩素化合物 Chlorine and compounds | | | | | | | |
| オゾン層破壊物質 Ozone Depleting Substances | | | | | | | |
| アンチモン及びその化合物 Antimony and Antimony Compounds | | | | | | | |
| アスベスト類 Asbestos | | | | | | | |
| アゾ染料・顔料 Azo Colorants | | | | | | | |
| 発癌物質、変異原性物質及び再生産可能な毒物 Carcinogens, mutagens and reproductive toxins | | | | | | | |
| 放射性物質 Radioactive Substances | | | | | | | |
| ホルムアルデヒド Formaldehyde | | | | | | | |
| ヒ素及びその化合物 Arsenic and Arsenic compounds | | | | | | | |
| ベリリウム及びその化合物 Beryllium and Beryllium compounds | | | | | | | |
| ビスマス及びその化合物 Bismuth and Bismuth Compounds | | | | | | | |
| ニッケル及びその化合物 Nickel and Nickel Compounds | | | | | | | |
| コバルト Cobalt | | | | | | | |
| セレン及びその化合物 Selenium and selenium Compounds | | | | | | | |
| フタル酸エステル類 Phthalates | | | | | | | |
| ベンゼン Benzene | | | | | | | |
| 動植物の絶滅危く種 Endangered species of flora and fauna | | | | | | | |
| イソシアナート Isocyanates | | | | | | | |
| ノニル・フェノール及びノニルフェノールエトキシレート Nonyl Phenols (NP) & Nonylphenol Ethoxylates (NPE) | | | | | | | |
| パーフルオロオクタンスルホン酸 Perfluorooctane sulfonates (PFOs) | | | | | | | |
| パーフルオロオクタン酸 Perfluorooctane acids (PFOAs) | | | | | | | |
| 皮膚感作性がある物質 Substances that may cause skin sensitization | | | | | | | |
| REACH 規則の高懸念物質 REACH Substances of Very High Concern (SVHC) | | | | | | | |

Completed by: _____

Position: _____

Date: _____



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