

Tabuchi Electric Group
Green Procurement Standards

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TABUCHI ELECTRIC CO., LTD.
Quality Assurance Division



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<1> Basic Stance Regarding the Environment

Environmental conservation has become an issue on a global scale in recent years and prevention of global warming, recycling of resources, consideration for conservation of the ecosystem have become important issues that cannot be ignored.

The Tabuchi Electric Group in anticipation of the future has established an environmental philosophy and basic environmental policies regarding the environment and based on these have aggressively developed business management with the goal of global environmental conservation and formation of a recycling oriented society.

Along with enhancing environmental conservation activities with the cooperation of our business partners, it is necessary to procure parts that have little impact on the environment, reduce the burden on the environment and avoid environmental risks.

Under the REACH regulations that came into effect in June 2007, candidate substances and restricted substances subject to approval have been added yearly, especially in Europe and in July 2011, the RoHS Directive took effect, furthermore in June 2015, the RoHS10 with the addition of four types of phthalates was issued, and laws and regulations regarding environmentally hazardous substances have increasingly become strengthened.

Based on the above background, we decided to revise the "Green Procurement Standards". We will continue to work with our business partners to create environmentally friendly products and promote business activities that place importance on the environment and therefore we would like you to understand the importance of efforts in environmental conservation and ask for your cooperation.

1. Environmental Philosophy

We will strive to become a company that coexists with the irreplaceable environment of the earth.

2. Basic Environmental Policy

Based on the fact that Tabuchi Electric Co., Ltd. is a business entity that develops, designs and sells transformers, power supply equipment, etc., we will promote environmental conservation activities based on the following policies.

- 1) We will understand the environmental impact related to business activities and implement settings and periodic revisions of environmental goals within the scope economically and technically possible.
 - ① Promote product designs with consideration for the environment.
 - ② Manage and reduce environmentally dangerous substances.
- 2) We will observe laws, regulations, agreements and other requirements agreed upon regarding environmental conservation.
- 3) We will implement environmental impact assessment, internal environmental audits,

etc., and through continuously improving our environmental management system, we will prevent pollution of the environment.

4) Through environmental education and company publicity activities, we will strive to raise awareness of environmental policies for everyone engaged in the company and raise awareness regarding the environment.

5) We will announce this environmental policy to the externally.

<2> Description of Specific Initiatives

1. Applicable Range

Applies to products, components, auxiliary materials and packaging materials procured by the Tabuchi Electric Group.

2. Definition of Terms

1) Environmentally Hazardous Substances

Refers to substances the Tabuchi Electric Group has determined to have a significant impact on the global environment and the human body.

2) Homogeneous Materials

Refers to materials that cannot be mechanically broken down into different materials.

Homogeneous: Entire composition is uniform

Example: Plastics, glass, metals, alloys, paper, boards, resins, coating

Mechanically Broken Down: Refers to basically materials that can be separated and broken down by mechanical action such, removal of screws, smashing, grinding and polishing.

3) Containment

Refers to components constructing the product or substances added, filled, mixed or adhered to materials used for the components regardless of intentional or not.

4) Impurities

Refers to substances contained in natural materials that cannot be technically removed in the purification process as industrial materials also substances that occur in the synthesis reaction process that cannot be technically removed.

5) Chemical substances

Refers to elemental units and chemical compounds that exist in nature or elements or their chemical compounds obtained in an arbitrary manufacturing process.

Additives necessary to maintain stability or impurities occurring from the processed used are included. However, solvents that can be separated without affecting the change in composition or stability of single chemical substances are excluded.

Example: lead oxide, nickel chloride, benzene, etc.

6) Mixture

Refers to a mixture of 2 or more chemical substances.

Example: Paint, ink, ingot alloy, solder, adhesive, resin pellet, etc.

7) Article

Refers to the specific shape, appearance or design assigned during manufacturing that will greatly determine the function in end use rather than the function fulfilled by the chemical composition.

Example: Metal plate materials, gears, integrated circuits, electrical products, transport equipment, etc.

8) SVHC : Substances of Very High Concern

Refers to carcinogenic substances, mutagenic substances, reprotoxic substances and non-biodegradable chemical substances that accumulate in the environment and living organisms that are published on a list of substances subject approval by the European Administrative Agency.

SVHC will be appended and revised each time

9) Auxiliary Materials

Refers to components not listed in the component list of the manufacturing specifications and refers to flux, diluents (thinner, alcohol), cleaning agents, masking materials / tape, packing tape, marker pens, ink, cushioning materials, desiccant, etc.

10) Domestic VT62474

Domestic VT 62474 is the abbreviation for IEC TC 111 VT62474 Japan National Committee and is one of the subcommittees established by the National Committee of IEC/TC111 (Secretariat: JEITA Environment Division) and is a domestic organization that can reflect the Japan's opinion regarding IEC62474 on attending international conferences and international voting.

11) chemSHERPA

Information dissemination scheme for communicating information on chemical substances contained in products that can be used throughout the supply chain developed under the leadership of the Ministry of Economy, Trade and Industry.

3. Tabuchi Electric Group Management Standards for Environmentally Hazardous Substances

The management standards of the Tabuchi Electric Group's environmentally hazardous substances are as described below.

However, please understand that there may be additional requirements in accordance with future changes in international laws and various countries' regulations.

1) Substances subject to environmental impact

(a) Prohibited substances

Addition of prohibited substances to products and packaging materials and inclusion or use of impurities beyond the threshold value is strictly prohibited.

The inspection for environmentally harmful substances should not only consist of

inspection of content of materials but also continually check for contamination or use and transfer to products.

Substances prohibited from use are indicated below.

Appendix 1. "Banned Substance"

Appendix 2. "Prohibited Substances in the Manufacturing Process"

*About applicable portion of Red phosphorus

(1) Applicable portion is a resin part where an electric field is applied regardless of DC, AC and its voltage.

However, because water resistant coating etc. are done Excluding cases where the generation of phosphoric acid is suppressed.

In this case, please submit phosphate bleedout test data.

For confirmation and consultation of test conditions etc., please contact our company inquiries

(2) About collapse prevention film

Please use polyethylene (PE) for collapse prevention film that directly contacts products and parts.

Phthalate ester may be used as a plasticizer in polyvinyl chloride film and there is a possibility that the phthalate ester may be migrated to products and parts

And please use packing trays that make direct contact with products / parts also made of polyethylene

(b) Contained Controlled Substances

Substances requiring knowledge of presence or absence, amount contained, location of use, usage, etc., are indicated below.

i)Appendix 3. "Contained Controlled Substances"

ii) Substances designated by REACH *SVHC.

* It is necessary to report containment details when the content of substances falling under SVHC exceeds 1,000 ppm.

2) Contained environmental hazardous substances threshold value

(a) Prohibited substances must not intentionally be added.

However, application exemption use such as RoHS directives is excluded.

(b)The threshold value of impurities for applicable environmentally hazardous substances of the Tabuchi Electric Group is indicated in the applicable range of the Appendix below. However, inclusion or use of substances of Appendix 2 "Prohibited Substances in the Manufacturing Process" is strictly prohibited.

Appendix 1. "Banned Substance"

Appendix 3. "Contained Controlled Substances"

(c) REACH SVHC shall contain less than 1,000 ppm for each substance.

4. Evaluation of Business Partners

The Tabuchi Electric Group will evaluate the environmental management system of new business partners and when the Tabuchi Electric Group considers an evaluation is necessary.

1) Construction of environmentally hazardous substance management system

Please construct and maintain the same management system as "Guidelines for Management of Chemical Substances in Products" issued by the Article Management Promotion Council (hereinafter referred to as JAMP).

Additionally, please ask your subcontractors to also construct and maintain the management system in the same manner.

These guidelines can be obtained from Section 6 of the JAMP website.

2) Evaluation procedure

(a) Self Evaluation

For new business partners and when the Tabuchi Electric Group determines it necessary, we will ask you to submit the self-assessment results based on Appendix 5 "Questionnaires about Chemical Substances Management System".

(b) Evaluation and Judgment

Based on the self-assessment results submitted, evaluation and judgement to see the environmental management system of the business partners.

If the Tabuchi Electric Group determines it necessary, on-site audit of the business partner will be conducted.

The results of the evaluation and judgment will be notified to business partners.

5. Request for Submission of Survey Data

Please submit the survey data at new employment and at 4M change (Materials, Manufacturing Method, Equipment and Personnel).

Additionally, we will also request it when the Tabuchi Electric Group determines it necessary.

Various electronic data formats can be obtained from the Tabuchi Electric website.

Please refer to **Appendix 6**. "How to Fill Out and Submit Documents" for how to fill out and submit various documents.

1) Regarding submission of "Inclusion Confirmation Form"

(a) Survey content

Confirmation of presence or absence, amount contained, ratio of content, location of inclusion, and usage, etc.

(b) Answering method

Please fill in and submit **Appendix 7**. "Inclusion Confirmation Form" for your answers.

2) Regarding submission of "Certificate of Non-use"

(a) Certificate content

It is to assure use and inclusion will not be done.

(b) Answering method

Please fill in **Appendix 8**. "Certificate of Non-use" and submit at the same time

"Inclusion Confirmation Form" for your answers.

3) Regarding submission of "High Precision Analysis Data"

This will be requested if the Tabuchi Electric Group determines it necessary,
The substances subject to analysis are RoHS 10 substances (Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis (2-ethylhexyl) phthalate(DEHP), Dibutyl phthalate(DBP), Benzyl butyl phthalate(BBP), Diisobutyl phthalate(DIBP)

(a) Analysis data

Please submit analytical data by a high precision analyzer or equivalent analyzer.

Fluorescent X-ray analysis data analyzed that has been correlated with analysis results of a high precision analyzer is also acceptable.

When there is more than one analysis data with one parts, please compile the analysis data for each part to in **Appendix 9. "High Precision Analysis Data List"**.

For high precision analysis, please use the following analyzer.

Applicable Chemical Substance	Analyzer
Cadmium (Cd) Lead (Pb) Mercury (Hg)	ICP Emission Spectroscopic Analyzer (ICP-AEP) ICP Mass Spectrometer (ICP-MS) Atomic Absorption Spectroscopy (AAS) Fluorescent X-ray Analyzer (XRF)
Hexavalent chromium (Cr 6 +)	UV-Visible Spectrophotometer (UV-VIS) Ion Chromatograph Analyzer (IC)
Polybrominated biphenyl (PBB) Polybrominated diphenyl ethers (PBDE) Phthalic ester (DEHP,DBP,BBP,DIBP)	Gas Chromatograph Mass Spectrometer (GC-MS)

(b) Elution volume analysis data

Analytical data on the elution volume of substances specified in ISO8124-3 and EN1811 will be requested as necessary.

4) Submission of chemSHERPA (CI/AI)

Please submit chemSHERPA Data.

Please submit chemSHERPA CI data for Chemical substances and Mixtures and chemSHERPA AI data for Article.

chemSHERPA Tools and related documents can be downloaded from the URL of chemSHERPA in Section 6

6. Reference Website.

1) Joint Article Management Promotion-consortium (JAMP) and chemSHERPA.

Website: <https://chemsherpa.net/>

2) Domestic VT62474

Website: <http://www.vt62474.jp/>

3) chemSHERPA

Website : <https://cgensgeroa.net/>

4) Tabuchi Electric Co., Ltd.

Website: <http://www.zbr.co.jp/environment/environment.html>

7. Inquiries

For inquiries regarding contents of these standards, please inquire below.

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Revision History

Version No.	Ver.	Enacted/Revision Date	Revision Description
First Edition	Ver1.0	March, 25 2005	New Issue
Second Edition	Ver2.0	Oct. 16, 2006	Applicable environmentally hazardous substance list made to conform to former JGPSSI. Revision of management standards.
	Ver2.1	Jan. 10, 2007	Toy application phthalate ester management added.
	Ver2.2	Oct. 1, 2007	Addition regarding submission of "Inclusion Confirmation Form", "Non-use Assurance Form", "Precise Analysis Data".
	Ver2.3	March 14, 2008	Addition of DecaBDE, PFOS to prohibited substances Threshold value, management value changed.
	Ver2.4	Aug. 6, 2008	Management value change
Third Edition	Ver3.0	April 1, 2010	Changed applicable environmentally hazardous substance list to conform to JIG MSDS plus, AIS added. Addition of detailed explanation of submission data.
Fourth Edition	Ver4.0	April. 1, 2017	Revision of applicable environmentally hazardous substance list Revision of management standards
	Ver4.1	Jan. 10, 2018	Detailed applicable portion and condition of environmental hazardous substance. Change request data to chemSHERPA
	Ver4.11	Aug. 01, 2018	Appendix 1 Attachment Prohibited Substance Details, No Correction.
	Ver4.12	Jan. 21, 2019	Appendix 8 Certificate of Non-use Error correction No.25 DIBP → BBP
	Ver4.2	February 1, 2021	Completely revised

Appendix 1 Banned Substance**(Prohibited substances for products and packages)**

No.	Substance/Substance group	Portion/Material	Threshold Level	Application	Reference laws and regulation
1	Cadmium/Cadmium compounds	All, except batteries	0.01% by weight(100ppm) of homogeneous materials	pigments, corrosion-resisting surface treatment, batteries, contact paint, stabilizers for PVC	1,2
		Batteries	0.001% by weight (10ppm) of battery		
2	Hexavalent chromium compounds	All	0.1% by weight(1,000ppm) of homogeneous materials	pigments, paints, ink, catalysts, anticorrosive surface, plating surface	1,2
3	Lead/Lead compounds	All, except as noted	0.1% by weight(1,000ppm) of homogeneous materials	pigments, paints, stiffener in rubbers, stabilizer in plastic, batteries, curing agents for rubber, solders, glasses, free cutting alloy, additive in various type of resins	1,2,3,4
		Caicity cords with thermoset or thermoplastic coating	0.03% by weight(300ppm) of surface coating		
		Batteries	0.004% by weight(40ppm) of battery		
4	Mercury/Mercury compounds	All, except batteries	0.1% by weight(1,000ppm) of homogeneous materials	batteries, Fluorescent materials, contact points, thermometers, pigments	1,2,5
		Batteries	0.0001% by weight(1ppm) of battery		
5	Tributyl tin oxide (TBTO)	All	Intentional use	paints, pigments, antiseptic agents, refrigerants, digestives, forming agents	8
6	Tri-substituted organostannic compounds	All	Intentional use or more than 1,000ppm of tin is contained in homogeneous	paints, pigments, flame retardants, stabilizer	2,8
7	Dibutyltin compounds (DBT)	All	More than 1,000ppm of tin is contained in homogeneous materials	PVC stabilizers, curing catalysts for silicon resin and urethane resin	2
8	Dioctyltin compounds (DOT)	1) Textile articles and leather products intended to come into contact with the skin 2) Childcare articles 3) Two-component room temperature vulcanisation moulding kits (RTV-2 moulding kits)	More than 1,000ppm of tin is contained in homogeneous materials	PVC stabilizers, curing catalysts for silicon resin and urethane resin	2
9	Polybrominated biphenyls (PBBs)	All	0.1%by weight(1,000ppm) of homogeneous materials	flame retardants	1,2
10	Polybrominated diphenyl ethers (PBDEs)	All	Intentional use or more than 1,000ppm of tin is contained in homogeneous	flame retardants	1,2,8
11	Polychlorinated diphenyls (PCBs) and specific substitutes *Refer to Appended table list for Banned Substances	All	Intentional use	insulating oils, electrical insulation medium, plasticizers, paint solvent, heat transformer medium	2,8
12	Polychlorinated terphenyls (PCTs)	All	0.005%by weight(50ppm) of homogeneous materials	insulating oils, electrical insulation medium, plasticizers, paint solvent, heat transformer medium	2
13	Polychlorinated naphthalenes	All	Intentional use	greases, metal treatment liquids, flame retardants, plasticizer in PVC	8,10
14	Perchlorates	All	Inclusion of more than 0.006ppm in a part	coin-cell batteries	22

No.	Substance/Substance group	Portion/Material	Threshold Level	Application	Reference laws and regulation
15	Perfluorooctane sulfonate (PFOS)	All	Intentional use or more than 1,000ppm of tin is contained in homogeneous materials	hydraulic fluid, metal plating, coating for paper	8,9,10,12
16	Selected Fluorinated green house gases (PFC,SF6,HFC) *Refer to Appended table list for Banned Substances	All	Intentional use	refrigerants, foaming agents, detergent, fumigation	14
17	Asbestos	All	Intentional use	insulators, fillters, heat insulator, frictional agents	2,6,7
18	Azocolourants and azodyes which from certain aromatic amines *Refer to Appended table list for Banned Substances	Fibers and Leathers	In fabric products/leather products and form more than 30ppm	pigments, dyes, coloring agents	2
19	Ozone deplating substances *Refer to Appended table list for Banned Substances	All	Intentional use	refrigerants, foaming agents, fumigation	15,16
20	Radioactive substances	All	Intentional use	smoke ditectors, mesurment equipments, gauge, detectors	19,20
21	2-benzotriazol-2-yl-4, 6-di-tert-butylphenol	All	Intentional use	adhesive agents, paints, printing ink, plastics, putties, caulking, filling materials(ultraviolet light absorbers)	8
22	Specific phthalates DEHP (CAS No.117-81-7) DBP (CAS No.84-74-2) BBP (CAS No.85-68-7) DINP (CAS No.28553-12-0 68515-48-0) DIDP (CAS No.26761-40-0 68515-49-1) DNOP (CAS No.117-84-0)	The accessible parts of the toy applications	total sum of six phtalates less than 1,000ppm	plasticizers, dyes, pigments, painting ink, adhesive	2,4
23	Bis (2-ethylhexyl) phthalate (DEHP) CAS No.117-81-7 ※Start of prohibition after July 22 2018	ALL (Not the accessible parts of the toy applications)	0.1%by weight(1,000ppm) of homogeneous materials	plasticizers, dyes, pigments, painting ink, adhesive	1,2
24	Dibutyl phthalate (DBP) CAS No.84-74-2 ※Start of prohibition after July 22 2018	ALL (Not the accessible parts of the toy applications)	0.1%by weight(1,000ppm) of homogeneous materials	plasticizers, dyes, pigments, painting ink, adhesive	1,2
25	Benzyl butyl phthalate (BBP) CAS No.85-68-7 ※Start of prohibition after July 22 2018	ALL (Not the accessible parts of the toy applications)	0.1%by weight(1,000ppm) of homogeneous materials	plasticizers, dyes, pigments, painting ink, adhesive	1,2
26	Diisobutyl phthalate (DIBP) CAS No.84-69-5 ※Start of prohibition after July 22 2018	ALL (Not the accessible parts of the toy applications)	0.1%by weight(1,000ppm) of homogeneous materials	plasticizers, dyes, pigments, painting ink, adhesive	1,2
27	Dimethyl fumarate	All	0.1%by weight(1,000ppm) of homogeneous materials	moisture prevention agents, mildew-proofing agents	2
28	4 heavy metals (Cd,Pb,Cr6+,Hg)	Packing matirials	total sum of four heavy metals less than 1,000ppm	pigments, paints, stbilizer for PVC	17,18
29	Shortchaine chlorinated paraffins (C10-C13)	All	Intentional use or more than 1,000ppm of tin is contained in homogeneous	greases, metal treatment liquid, flame retardants, plasticizer in PVC	10
30	Polycyclic aromatic hydrocarbons (PAHs) *Refer to Appended table list for Banned Substances	Direct contact with human skin or oral cavity for long period of time or repeatedly	Less than 1ppm	pigmens in lubber or plasticcomponents (as inpurity)	2
31	Hexabromocyclododecane (HBCDD) and all major diastereoisomers *Refer to Appended table list for Banned Substances	All	0.1%by weight(1,000ppm) of homogeneous materials	flame retardant	8,9

No.	Substance/Substance group	Portion/Material	Threshold Level	Application	Reference laws and regulation
32	Perfluorooctanic acid (PFOA) and individual salts and esters of PFOA *Refer to Appended table list for Banned Substances	All	Intentional use	hydraulic fluid, metal plating, coating for paper	11,13
33	Arsenic compounds	wood preservative	When used in timber as antiseptic agent	wood preservative	2
34	Cobalt dichloride	Drier	0.1%by weight(1,000ppm) of homogeneous materials	moisture indicator in silica gel	2
35	Natural rubber	Parts that consumers directly touch the skin for toy applications	Intentional use	rubber bushing, rubber sheets, antivibration rubber	—
36	Red phosphorus CAS No.7723-14-0 ※Start of prohibition after July 22 2018	Resin to which electric field is applied (Exclude phosphorus added in the metal)	Intentional use	flame retardant	—

Appendix 1 Attachment Prohibited Substances Details

No	Substance Group Name	Relevant Substances	CAS No.
11	Polychlorinated biphenyls (PCB) and specific substitutes	Polychlorinated biphenyls (all isomers and homologues)	1336-36-3
		Monomethyl-tetrachloro-diphenylmethane (Ugilec 141)	76253-60-6
		Monomethyl-dichloro-diphenylmethane (Ugilec 121, Ugilec 21)	81161-70-8
		Monomethyl-dibromo-diphenylmethane (DBBT)	99688-47-8
16	Fluorine-based greenhouse gases (PFC, SF 6, HFC)	Tetrafluoromethane (carbon tetrafluoride, PFC-14)	75-73-0
		Hexafluoroethane (PFC-116)	76-16-4
		Octafluoropropane (PFC-218)	76-19-7
		Decafluorobutane (PFC - 31 - 10)	355-25-9
		Dodecafluoropentane (PFC-41-12)	678-26-2
		Tetradecafluorohexane (PFC - 51 - 14)	355-42-0
		Octafluorocyclobutane (PFC-c 318)	115-25-3
		Sulfur hexafluoride (SF 6)	2551-62-4
		Trifluoromethane (HFC-23)	75-46-7
		Difluoromethane (HFC-32)	75-10-5
		Methyl fluoride (HFC-41)	593-53-3
		2H, 3H-decafluoropentane (HFC-43-10mee)	138495-42-8
		Pentafluoroethane (HFC-125)	354-33-6
		1,1,2,2-tetrafluoroethane (HFC-134)	359-35-3
		1,1,1,2-tetrafluoroethane (HFC-134a)	811-97-2
		1,2-Difluoroethane (HFC-152)	624-72-6
		1,1-Difluoroethane (HFC-152a)	75-37-6
		1,1,2-trifluoroethane (HFC-143)	430-66-0
		1,1,1-trifluoroethane (HFC-143a)	420-46-2
		Fluoroethane (HFC-161)	353-36-6
		2H-heptafluoropropane (HFC-227ea)	431-89-0
		1,1,1,2,2,3-hexafluoropropane (HFC-236cb)	677-56-5
		1,1,1,2,3,3-hexafluoropropane (HFC-236ea)	431-63-0
		1,1,1,3,3,3-hexafluoropropane (HFC-236fa)	690-39-1
		1,1,2,2,3-pentafluoropropane (HFC-245ca)	679-86-7
		1,1,1,3,3-pentafluoropropane (HFC-245fa)	460-73-1
		1,1,1,3,3-pentafluorobutane (HFC-365 mfc)	406-58-6
18	Azo dyes and pigments producing some aromatic amines	4-aminoazobenzene	1960/9/3
		O -Anisidine	90-04-0
		2-naphthylamine	91-59-8
		3,3'-dichlorobenzidine	91-94-1
		4-Aminobiphenyl	92-67-1
		Benzidine	92-87-5
		O-toluidine	95-53-4
		4-chloro-2-methylaniline	95-69-2
		2,4-toluenediamine	95-80-7
		O -aminoazotoluene ‡	97-56-3
		5-Nitro-o-toluidine	99-55-8
		3,3'-Dichloro-4,4'-diaminodiphenylmethane	101-14-4
		4,4'-methylenedianiline	101-77-9
		4,4'-diaminodiphenyl ether	101-80-4
		P -chloroaniline	106-47-8
		3,3'-Dimethoxybenzidine	119-90-4
		3,3'-dimethylbenzidine	119-93-7
		2-methoxy-5-methylaniline	120-71-8
		2,4,5-trimethylaniline	137-17-7
		4,4'-diaminodiphenyl sulfide	139-65-1
		2,4-Diaminoanisole	615-05-4
		4,4'-diamino-3,3'-dimethyldiphenylmethane	838-88-0

No	Substance Group Name	Relevant Substances	CAS No.
19	Ozone Layer Destructive Montreal Protocol Substances described in Attachments A, B, C, E	CFCl ₃ (CFC-11)	—
		CF ₂ Cl ₂ (CFC-12)	—
		C ₂ F ₃ Cl ₃ (CFC-113)	—
		C ₂ F ₄ Cl ₂ (CFC-114)	—
		C ₂ F ₅ Cl (CFC-115)	—
		CF ₂ BrCl (halon-1211)	—
		CF ₃ Br (halon-1301)	—
		C ₂ F ₄ Br ₂ (halon-2402)	—
		CF ₃ Cl (CFC-13)	—
		C ₂ FCI ₅ (CFC-111)	—
		C ₂ F ₂ Cl ₄ (CFC-112)	—
		C ₃ FCI ₇ (CFC-211)	—
		C ₃ F ₂ Cl ₆ (CFC-212)	—
		C ₃ F ₃ Cl ₅ (CFC-213)	—
		C ₃ F ₄ Cl ₄ (CFC-214)	—
		C ₃ F ₅ Cl ₃ (CFC-215)	—
		C ₃ F ₆ Cl ₂ (CFC-216)	—
		C ₃ F ₇ Cl (CFC-217)	—
		CCl ₄ Carbon tetrachloride	—
		C ₂ H ₃ Cl ₃ 1,1,1-trichloroethane (methyl chloroform)	—
		Relevant Substances	Number of isomers
		CHFCI ₂ (HCFC-21)	1
		CHF ₂ Cl (HCFC-22)	1
		CH ₂ FCI (HCFC-31)	1
		C ₂ HFCl ₄ (HCFC-121)	2
		C ₂ HF ₂ Cl ₃ (HCFC-122)	3
		C ₂ HF ₃ Cl ₂ (HCFC-123)	3
		CHCl ₂ CF ₃ (HCFC-123)	—
		C ₂ HF ₄ Cl (HCFC-124)	2
		CHFCICF ₃ (HCFC-124)	—
		C ₂ H ₂ FCI ₃ (HCFC-131)	3
		C ₂ H ₂ F ₂ Cl ₂ (HCFC-132)	4
		C ₂ H ₂ F ₃ Cl (HCFC-133)	—
		C ₂ H ₃ FCI ₂ (HCFC-141)	3
		CH ₃ CFCl ₂ (HCFC-141b)	—
		C ₂ H ₃ F ₂ Cl (HCFC-142)	3
		CH ₃ CF ₂ Cl (HCFC-142b)	—
		C ₂ H ₄ FCI (HCFC-151)	2
		C ₃ HFCl ₆ (HCFC-221)	5
		C ₃ HF ₂ Cl ₅ (HCFC-222)	9
		C ₃ HF ₃ Cl ₄ (HCFC-223)	12
		C ₃ HF ₄ Cl ₃ (HCFC-224)	12
		C ₃ HF ₅ Cl ₂ (HCFC-225)	9
		CF ₃ CF ₂ CHCl ₂ (HCFC-225ca)	—
		CF ₂ ClCF ₂ CHClF (HCFC-225cb)	—
		C ₃ HF ₆ Cl (HCFC-226)	5
		C ₃ H ₂ FCI ₅ (HCFC-231)	9
		C ₃ H ₂ F ₂ Cl ₄ (HCFC-232)	16
		C ₃ H ₂ F ₃ Cl ₃ (HCFC-233)	18
		C ₃ H ₂ F ₄ Cl ₂ (HCFC-234)	16
		C ₃ H ₂ F ₅ Cl (HCFC-235)	9
		C ₃ H ₃ FCI ₄ (HCFC-241)	12
		C ₃ H ₃ F ₂ Cl ₃ (HCFC-242)	18

No	Substance Group Name	Relevant Substances	CAS No.
		C ₃ H ₃ F ₃ Cl ₂ (HCFC-243)	18
		C ₃ H ₃ F ₄ Cl (HCFC-244)	12
		C ₃ H ₄ FCl ₃ (HCFC-251)	12
		C ₃ H ₄ F ₂ Cl ₂ (HCFC-252)	16
		C ₃ H ₄ F ₃ Cl (HCFC-253)	12
		C ₃ H ₅ FCl ₂ (HCFC-261)	9
		C ₃ H ₅ F ₂ Cl (HCFC-262)	9
		C ₃ H ₆ FCl (HCFC-271)	5
		CHFBr ₂	1
		CHF ₂ Br (HBFC-22B1)	1
		C ₂ HF ₂ Br ₃	3
		C ₂ HF ₄ Br	2
		C ₂ H ₂ F ₂ Br ₂	4
		C ₂ H ₃ FBr ₂	3
		C ₂ H ₄ FBr	2
		C ₃ HF ₂ Br ₅	9
		C ₃ HF ₄ Br ₃	12
		C ₃ HF ₆ Br	5
		C ₃ H ₂ F ₂ Br ₄	16
		C ₃ H ₂ F ₄ Br ₂	16
		C ₃ H ₃ FBr ₄	12
		C ₃ H ₃ F ₃ Br ₂	18
		C ₃ H ₄ FBr ₃	12
		C ₃ H ₄ F ₃ Br	12
		C ₃ H ₅ F ₂ Br	9
		CH ₂ FBr	1
		C ₂ HFBr ₄	2
		C ₂ HF ₃ Br ₂	3
		C ₂ H ₂ FBr ₃	3
		C ₂ H ₂ F ₃ Br	3
		C ₂ H ₃ F ₂ Br	3
		C ₃ HFBBr ₆	5
		C ₃ HF ₃ Br ₄	12
		C ₃ HF ₅ Br ₂	9
		C ₃ H ₂ FBr ₅	9
		C ₃ H ₂ F ₃ Br ₃	18
		C ₃ H ₂ F ₅ Br	8
		C ₃ H ₃ F ₂ Br ₃	18
		C ₃ H ₃ F ₄ Br	12
		C ₃ H ₄ F ₂ Br ₂	16
		C ₃ H ₅ FBr ₂	9
		C ₃ H ₆ FBr	5
		CH 2 BrCl Bromochloromethane	—
		CH 3 Br bromide	—
30	Polycyclic aromatic hydrocarbons (PAHs)	enzo (a) pyrene (BaP) 50 – 32 – 8	50-32-8
		Benzo (e) pyrene (BeP) 192 – 97 – 2	192-97-2
		Benzo (a) anthracene (BaA) 56-55-3	56-55-3
		Chrysen (CHR) 218-01-9	218-01-9
		Benzo (b) fluoranthene (BbFA) 205-99-2	205-99-2
		Benzo (j) fluoranthene (BjFA) 205-82-3	205-82-3
		Benzo (k) fluoranthene (BkFA) 207-08-9	207-08-9
		Dibenzo (a, h) anthracene (DBAaA) 53-70-3	53-70-3

No	Substance Group Name	Relevant Substances	CAS No.
31	Hexabromocyclododecane (HBCDD)	Hexabromocyclododecane (HBCDD)	25637-99-4
			4736-49-6
			65701-47-5
			138257-17-7
			138257-18-8
			138257-19-9
			169102-57-2
			678970-15-5
			678970-16-6
			678970-17-7
		1, 2, 5, 6, 9, 10-hexabromocyclododecane	3194-55-6
32	Perfluorooctanoic acid (PFOA)	A -Hexabromocyclododecane	134237-50-6
		B -hexabromocyclododecane	134237-51-7
		Г -Hexabromocyclododecane	134237-52-8
		Perfluorooctanoic acid (PFOA)	335-67-1
		Ammonium perfluorooctanoate (APFO)	3825-26-1
		Sodium salt of perfluorooctanoic acid	335-95-5
		Potassium salt of perfluorooctanoic acid	2395-00-8
		Silver salt of perfluorooctanoic acid 335-93-3	335-93-3
		Perfluorooctanoic acid fluoride 335 - 66 - 0	335-66-0
		Methyl perfluorooctanoate 376-27-2	376-27-2
		Ethyl perfluorooctanoate 3108-24-5	3108-24-5

Appendix2 Prohibited Substances in the Manufacturing Process

1. Prohibited Substances

1.1.

No.	CAS No.	Substance	English Name
1	—	CFC	CFC
2	—	ハロン	Halon
3	56-23-5	四塩化炭素	Carbon tetrachloride
4	71-55-6	1,1,1-トリクロロエタン	1,1,1-Trichloroethane
5	—	HCFC	HCFC
6	—	HBFC	HBFC
7	74-97-5	ブromochloromethan	Bromochloromethane
8	74-83-9	臭化メチル	Methyl bromide

1.2. Substances Prohibited for Use to Prevent Soil Contamination

No.	CAS No.	Substance	English Name
(3)	56-23-5	四塩化炭素	Carbon tetrachloride
9	107-06-2	1,2-ジクロロエタン	1,2-Dichloroethane
10	75-35-4	1,1-ジクロロエチレン	1,1-Dichloroethylene
11	156-59-2	シス-1,2-ジクロロエチレン	Cis-1,2-Dichloroethylene
12	542-75-6	1,3-ジクロロプロペン	1,3-dichloropropene
13	75-09-2	ジクロロメタン	Dichloromethane
14	127-18-4	テトラクロロエチレン	Tetrachloroethylene
(4)	71-55-6	1,1,1-トリクロロエタン	1,1,1-Trichloroethane
15	79-00-5	1,1,2-トリクロロエタン	1,1,2-Trichloroethane
16	79-01-6	トリクロロエチレン	Trichloroethylene
17	71-43-2	ベンゼン	Benzene

1.3. Special Dust Air Pollution Control Law

No.	CAS No.	Substance	English Name
18		石綿(アスベスト)	Asbestos

1.4. Specific Chemical Substance Law Class 1 Regarding Chemical Substances Examination and Manufacturing etc. Re

No.	CAS No.	Substance	English Name
19	—	ポリ塩化ビフェニル (PCB)	Polychlorinated biphenyls (PCB)
20	—	ポリ塩化ナフタレン (塩素数2 以上のもの)	Polychlorinated naphthalene (2or more chlorine atoms)
21	118-74-1	ヘキサクロロベンゼン	Hexachlorobenzene
22	309-00-2	アルドリン	Aldrin
23	60-57-1	ディルドリン	Dieldrin
24	72-20-8	エンドリン	Endrin
25	50-29-3	DDT	DDT
26	57-74-9	クロルデン	Chlordane
27	76-44-8	ペプタクロル	Heptachlor
28	8001-35-2	トキサフェン	Toxaphene
29	2385-85-5	マイレックス	Mirex
30	87-68-3	ヘキサクロロブタジエン (別名:ヘキサクロロブタ-1,3-ジエン)	Hexachlorobutadiene
31	—	ペルフルオロ (オクタン-1-スルホン酸) (別名 PFOS) 又はその塩a)およびペルフルオロ (オクタン-1-スルホニル) =フルオリド (別名 PFOSF)	Perfluorooctane sulfonic acid (PFOS), its salts Perfluorooctane sulfonyl fluoride(PFOSF)
32	608-93-5	ペンタクロロベンゼン	Pentachlorobenzene
33	319-84-6	α -ヘキサクロロシクロヘキサン	Alpha hexachlorocyclohexane
34	319-85-7	β -ヘキサクロロシクロヘキサン	Beta hexachlorocyclohexane
35	58-89-9	リンデン (別名: γ -ヘキサクロロシクロヘキサン)	Lindane
36	143-50-0	クロルデコン	Chlordecone
37	36355-01-8	ヘキサブロモビフェニル	Hexabromobiphenyl
38	—	テトラブロモジフェニルエーテル及びペンタブロモジフェニルエーテル	Tetrabromodiphenyl ether and pentabromodiphenyl ether
39	—	ヘキサブロモジフェニルエーテル及びヘプタブロモジフェニルエーテル	Hexabromodiphenyl ether and heptabromodiphenyl ether
40	115-29-7 959-98-8 33213-65-9	エンドスルファン	Technical endosulfan and its related isomers
41	25637-99-4 3194-55-6 4736-49-6 65701-47-5 134237-50-6 134237-51-7 134237-52-8 138257-17-7 138257-18-8 138257-19-9 169102-57-2 678970-15-5 678970-16-6 678970-17-7	ヘキサブロモシクロドデカン	Hexabromocyclododecane
42	—	ペンタクロロフェノールとその塩及びエステル類	Pentachlorophenol and its salts and esters

1.5. Manufacturing Prohibited Substances of Occupational Safety and Health Act Ordinance

No.	CAS No.	Substance	English Name
41	—	黄りんマッチ (黄りん)	Tetra phosphorus
42	—	ベンジジン及びその塩	Benzidine and its salts
43	—	4-アミノビフェニル及びその塩	4-Aminobiphenyl and its salts
(18)	—	石綿 (アスベスト)	Asbestos
44	—	4-ニトロビフェニル及びその塩	4-Nitrobiphenyl and its salts
45	—	ビス(クロロメチル)エーテル	Bis(chloromethyl) ether
46	—	β -ナフチルアミン及びその塩	β -Naphthylamine
47	—	ベンゼン含有ゴムのり (ベンゼン容量: >5%)	Rubber cement containing benzene (benzene: > 5v/v%)

2.削減対象物質

No.	CAS No.	Substance	English Name
—	—	—	—

Appendix3 Contained Controlled Substances

(Substances requiring knowledge of presence / absence, content, use location, use etc.)

No.	Substance Group	Relevant Component	Threshold	Application – Usage Example	Reference Laws/ Regulations
1	Beryllium oxide	All	0.1weight% of molded product (1,000ppm)	Ceramic material	21
2	Brominated flame retardant (Other than PBB and PBDE or HBCDD)	Plastic materials. However, excluding laminated printed circuit boards	0.1 weight% of total content of bromine in plastic material (1000ppm)	Flame retardants	23,24
		Multilayer printed circuit boards	0.09% weight of total bromine content of laminate (900 ppm)		
3	Chlorine-based flame retardant	Plastic materials. However, excluding laminated printed circuit boards	0.1% weight of total chlorine content of plastic materials (1000 ppm)	Flame retardants	23,24
		Multilayer printed circuit boards	0.09% weight of total chlorine content of laminate (900 ppm)		
4	Polyvinyl chloride (PVC) and PVC copolymer	Plastic materials. However, excluding laminated printed circuit boards	When total chlorine content of plastic material is 1000 ppm	Resin materials, insulation, chemical resistance, OHP	23
5	Formaldehyde	Textiles	0.0075 weight% of textile product (75 ppm)	Agents for prevention of insects, corrosion of wood etc., adhesives	25,26
		Composite wood products or components	Added intentionally		
6	Candidate substances subject to REACH regulation SVHC	Refer to REACH approved relevant candidate substances	0.1weight% of molded product (1,000ppm)	—	2
7	Nickel	In case of components in contact with skin for prolong periods	Added intentionally	Stainless steel, plating	2

Appendix4 Reference Laws and Regulations Notation Number

Notation in table (Reference laws and regulation column)	Name of laws (some abbreviations), Country / Region
1	RoHS Directive (revised) 2011/65 / EU (Europe)
2	REACH Regulation (EC) No 1907/2006 (Europe)
3	Proposition 65 (USA-California)
4	2008 Consumer Product Safety Improvement Act (PUBLIC LAW 110-314) (USA)
5	Mercury Hazard Reduction Law (US)
6	Toxic Substances Control Act (TSCA) (USA)
7	Handling Risk Reduction of Specific Hazardous Substances, Preparations and Articles Cabinet Order (ChemRRV) (Switzerland)
8	Law relating to review of chemical substances and manufacture etc. (Japan)
9	Stockholm Convention on Residual Organic Pollutants (International Convention)
10	Regulation on persistent organic pollutants (POPs) (EC) No 850/2004 (Europe)
11	Norwegian Regulations on Restrictions on Manufacture, Import, Export, Sales and Use of Chemicals and Other Products Harmful to Health and the Environment (Norway)
12	Canada Environmental Protection Act SOR / 2008-178 (Canada)
13	US PFOA Voluntary Abolishment Program (USA)
14	(EU) No 517/2014 (Europe)
15	Montreal Protocol (International Convention)
16	Law regarding the protection of the ozone layer by regulations of specified substances (Japan)
17	EU Packaging Directive 94/62 / EEC (Europe)
18	Toxics in Packaging Prevention Act (USA-California)
19	Prevention of Radiation Damage by Radioactive Isotope etc., Act (Japan)
20	Regulation of nuclear source material, nuclear fuel material and nuclear reactor Law (Japan)
21	EU WEEE Directive 2002/96 / EC Article 11: DIGITALEUROPE/CECED/AeA/EERA Guidance regarding information provision implementation to processing facilities (Europe)
22	Perchlorate Contamination Prevention Law 2003 (USA - California)
23	JS 709 (Industry standard) (USA)
24	IPC-04101, IEC 61249-2-21 (I
25	CARB Regulation (USA - California)
26	BGB I 1990/194: Regulation for formaldehyde § 2, 12/2/1990 (Austria)

Appendix 5. "Questionnaires about Chemical Substances Management System"

To Tabuchi Electric Co.,Ltd. Group

Date (year/month/day)

Supplier		
Approval	check	writer

Questionnaires about Chemical Substances Management System (1/2)

Company name			
Representative name (Officer name)			
Creation department/charge	Department name		
	Job title		
	name		
	E-mail (half size)	T E L (half size)	
Address			
Product			

If any changes occur, please resubmit.

1. Confirmation matters regarding information provision

(1) Can you respond to the investigation of chemical substances contained in materials required by the Tabuchi Electric Co., Ltd. Group?	
1) Can you report the chemical substance content information in the format specified by the Tabuchi Electric Co., Ltd. group?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2) Can you report the materials to specified (High Precision Analysis Data) by the Tabuchi Electric Co., Ltd. group?	<input type="checkbox"/> Yes <input type="checkbox"/> No
(2) For products delivered to the Tabuchi Electric Co., Ltd. Group, of the following which formats can you report the chemical substance content?	
Report format (Multiple selections possible)	<input type="checkbox"/> chemSHERPA-AI <input type="checkbox"/> IMDS/JAMA (GADSL) <input type="checkbox"/> Other : Tabuchi Electric Co., Ltd. Designated format
(3) Can you manage EU RoHS directive material/use? ※Full in if item 1) and 2) above cannot be applied.	
<input type="checkbox"/> Yes <input type="checkbox"/> No	
※Depending on the business and industry situation, we may ask you to respond differently from the above.	
※Information will be requested separately from the Tabuchi Electric Co., Ltd. group when considering the adoption of individual products and when environmental laws change.	

2.Environmental management activity survey

No1. Management system for chemical substances contained in products				
(1) Supplier certification information from customer companies Within three years, we have been audited by the customer companies regarding the management system for chemical substances contained in products, if it conforms (certifies), listed in the table below, please attach a copy of the certificate.				
	Company name	Date of Certification	Certification No	
(2) Items regarding the external certification ※External certification covers the environmental management system conforming to ISO such as ISO14001 or Eco Action 21.				
	Certification body	Date of Certification	Certification No	Validity Period of Certification
【Acquired external certification】				
【Acquired external certification】				
【Acquisition plan/Limited to within one year from the date of answer】		Scheduled examination date		
No2. Analytical survey system for contained substances and confirmation of usage status of prohibited substances by Tabuchi Electric Co., Ltd. Group.				
(1) Do you use XRF(X-ray fluorescence analysis equipment) to analyzer the content as needed?	<input type="checkbox"/> Analyze with your own analysis <input type="checkbox"/> Request an external organization for <input type="checkbox"/> There is no system to analyze			
(2) Do you use ICP(Inductively Coupled Plasma Analyzer) to analyzer the content as needed?	<input type="checkbox"/> Analyze with your own analysis equipment <input type="checkbox"/> Request an external organization for <input type="checkbox"/> There is no system to analyze			
(3) Is there any factory that uses prohibited substances specified by Tabuchi Electric Co., Ltd. Group?	<input type="checkbox"/> Not used in all factories <input type="checkbox"/> Used in some factories <input type="checkbox"/> Unconfirmed			
(4) If you use a prohibited substance in section 3), please describe the name of the target substance, intended use, purpose, and preventive measures against mixing.				
(5) If there is a factory that uses prohibited substances in section 3), please describe the factory name (manufacture name).				

Appendix 5-2

[Evaluation results]							[Self-evaluation rank]		[ZBR evaluation rank]		[Evaluation criteria]		[ZBR general comment]	
Number of questions	Self-audit results			ZBR audit results							A	Conformity 90% or more	<div></div>	<div></div>
	Conformance	Nonconformance	Not applicable	Conformance	Nonconformance	Not applicable					B	Conformity 80% or more		
50	0	0	0	0	0	0					C	Conformity 70% or more		
Rate	0%	0%	---	0%	0%	---					D	Conformity less than 70%		

Questionnaires about Chemical Substances Management System (2/2)

Action item	No	question	Self-audit results	ZBR audit results	Description (Evidence name, document name, etc.)	Evidence and confirmation notes	ZBR audit results (remarks)
Determining the scope of CIP management applied	1	Do you have a clear scope where the CIP management system is applied? [Judgement standard] Conformance : There are regulation. Nonconformance : There are no regulation. Or there are no the scope of application. Or the scope of application is unclear. ※Organization : The organization chart are specified, but the organization and its role are unclear. ※Product/Process : For example, there is no description about protective materials (packaging materials, etc.) and jigs (tray etc.) other than products. ※CIP : Chemicals in products CIP management : Management of chemical substances contained in			◆Regulation name that describes the scope of application of the organization, product, and process	Documents that define the scope of control of chemical substances in products ■ Confirmation point of view ①It is within the scope of control of chemical substances contained in products. Is the organization, products, components, factories, processes, operations, etc. clear? ※It may be clarified outside the scope of application. ②Is the scope of application within the range that can satisfy customer requirements? ※The target includes factories, processes, suppliers and contractors related to production.	
Policy	2	Clarification of CIP management policy (a)Has the top management declared its policy for the appropriate implementation of CIP management? (b)Is the policy known to the relevant departments? [Judgement standard] Conformance : There is a "Management Standard" approved by the company, this can be viewed (including the web) by internal personnel. In addition, it is open to the public on the corporate website, "Green Procurement Policy", etc. Nonconformance : There is no "Management Standard", etc.			◆Policy document name, etc. that clarifies the CIP management policy (a)Document expressing the policy (b)dissemination method	The policy includes compliance with laws and regulations and compliance with industry standards, it is desirable that it be reviewed and maintained as necessary.	
Organizational roles, responsibilities and authorities	3	(1)Do you clarify the departments related to CIP management? [Judgement standard] Conformance : There is a regulation that clarifies the departments related to CIP management. Nonconformance : There is no above regulation.			◆Regulation name that clarifies the department related to CIP management	Top management shall define responsibilities and authorities for related roles and communicate them within the organization in order to implement effective CIP management.	
	4	(2)Do you clarify the roles and responsibilities of the departments involved in CIP management? [Judgement standard] Conformance : There are regulations that clarify the roles and responsibilities of departments related to CIP management. Nonconformance : There is no above regulation.			◆Regulation name that clarifies the roles and responsibilities of departments related to CIP management		
	5	(3)Do you know the contents of (1) and (2) above? [Judgement standard] Conformance : There are regulation regarding internal dissemination, and internal dissemination (including the web). Nonconformance : Not known within the company.			◆Regulation name regarding internal dissemination and dissemination method		
Objective and planning to achieve them	6	(1)Have you set targets and created plans for their achievement? [Judgement standard] Conformance : There are regulations for CIP management objective (setting of specific management items) / plans (standard value of management items, implementation frequency, etc.). Nonconformance : There is no above regulation.			◆Regulation name that describes the plan that set the objective ◆Record name describing the implementation status	The organizations should set objectives for CIP management. The organization shall formulate, implement and maintain a plan to achieve its objectives. The organizations should review these objectives and implementation plans as necessary.	
	7	(2)Are you reviewing your objectives / plans? [Judgement standard] Conformance : There are regulations to confirm change in the requirements of related laws and regulations, and to reflect and review the contents in the objective / plans. Nonconformance : There is no above regulation, or even if there is rule, it can not be operated.			◆Regulation name for reviewing objectives and plans ◆Latest revision time of objectives and implementation plans		
	8	(3)Do you know your objectives / plans? [Judgement standard] Conformance : There are regulations to inform related departments of objectives / plans, and the contents are made known internally (including the web). ※ For example, it is also "conformance" when training is conducted in related departments. Nonconformance : There are no above regulation, even if there is rule, it can not be operated.			◆Regulation name to inform the objective and implementation plan ◆dissemination method		
Competence	9	(a)Have you defined the persons to receive training and the contents of the education / training for each item of operation and management? (b)Do you conduct and record education and training? [Judgement standard] Conformance : There are management standards, etl. that stipulate the implementation of education and training for related departments, and there are implementataion records. Nonconformance : There are no above management standards, etc., and even if there are management standards, etc., it can not be operated.			◆Regulation name that defines the operational rulis for education and training ◆Main education and training contents and recording methods		

Action item	No	question	Self-audit results	ZBR audit results	Description (Evidence name, document name, etc.)	Evidence and confirmation notes	ZBR audit results (remarks)
Documented information	10	(1)Do you manage the documents related to CIP management (the documents verified in this check sheet)? [Judgement standard] Conformance : There is information that can be systematically confirmed (for example, by content and purpose) for all documents such as standards / regulations. Nonconformance : There can not manage it at all.			◆Documents that systematically understand standards, etc. / regulations, etc. ※ For example, "○○ integrated regulations" and "○○ integrated regulations table of contents", etc.	The organization shall maintain or retain the documented information recommended by this guideline and the documented information it deems necessary for the effectiveness of CIP management.	
	11	(2)Do you have a document operation record? [Judgement standard] Conformance : There is a record for management items. Nonconformance : There is no record or some defects.			◆Name of stored record and its storage period ※ If you can not fill in the answer column, some examples of existing records		
Communication with customers and suppliers	12	Do you have and also implement effective methods for communicating information to customers and suppliers and for information exchange? [Judgement standard] Conformance : The standards that customers need to comply with (customer's green procurement standards, etc.) can be obtained, and the standards that suppliers need to comply with (company's green procurement standards, etc.) can be provided without any problems. Nonconformance : There is no regulation for communication with customers and suppliers, and it is not implemented.			◆How to obtain and operate the standards that customers need to comply with ◆How to provide and operate the standards that suppliers need to comply with	The organization should clarify, implement, and retain documented information on effective way to communicate with their customers. ■ Confirmation point of view Do you manage the latest laws and regulations / industry standards / customer requirement standards, etc. and reflect them in your company's management standards?	
Clarification of CIP management standards	13	(1)Are the chemical substances subject to management listed? [Judgement standard] Conformance : There is a clear list of target chemical substances. Nonconformance : There is no above list.			◆Document name that clarifies the target chemical substances	The organization shall establish CIP management standards for the product and shall maintain it as documented information.	
	14	(2)Does the chemical substances subject to management clarify "prohibition of use" , "prohibition of manufacturing process" , etc., and also "target site" and "threshold value"? (Clarification of management level) [Judgement standard] Conformance : There is a regulation that clarifies the management level. Nonconformance : There is no above regulation.			◆Regulation name that clarifies the management level		
	15	(3)Are the applicable laws and regulations clarified? [Judgement standard] Conformance : There is a list that clarifies applicable laws and regulation. Nonconformance : There is no above list etc.			◆List name that clarifies applicable laws and regulation		
	16	(4)Are there any provisions for reviewing CIP management standards as necessary or periodically? [Judgement standard] Conformance : There are regulation for review. Nonconformance : There is no regulation.			◆Regulation name for review		
	17	(5)Do you make the management standards known to the relevant departments? [Judgement standard] Conformance : There are regulations regarding internal dissemination, and internal dissemination (including the web). Nonconformance : There is no regulation regarding internal dissemination, and internal dissemination (including the web) is not done.			◆Regulation name to make known ◆dissemination method		
CIP management in design and development	18	(1)When purchasing new parts, are there any CIP management regulations required of the supplier? [Judgement standard] Conformance : There is a regulation that clarifies the department to obtain CIP information of new parts and the method of confirmation. Nonconformance : There is no above regulation.			◆Regulation name that clarifies the department to obtain CIP information and the method of confirmation	There is a record that can confirm the survey target and the result. (List of survey results) ■ Confirmation perspective ①Are you investigating information on the chemical substances contained in the parts and materials you purchase? ※ Confirm how to deal with parts and materials that have not been investigated. ②Are you investigating without omission the scope of control of chemical substances contained in products? ※ If there is something that is not covered by the survey, check the reason. ※ Also investigating secondary materials and auxiliary materials.	
	19	(2)If there is a conversion process / parallel production / use of recycled materials at the manufacturing stage, is there a regulation to control this? [Judgement standard] Conformance : At the manufacturing stage, there is a regulation to recognize that there is a possibility of exceeding the CIP control standard and control it. Nonconformance : There is no above regulation. Conversion process : Processes that cause changes in the composition and concentration of chemical substances (Example : Solder tank)			◆Regulation name at the manufacturing stage		
	20	(3)Do you clarify the CIP information of the product at the delivery stage of the product? [Judgement standard] Conformance : The CIP management assurance level is specified in the product delivery specifications. Alternatively, environmental materials, etc. are created / submitted according to customer requests. Nonconformance : There is not clarified.			◆How to clarify the CIP information of the product		

Action item	No	question	Self-audit results	ZBR audit results	Description (Evidence name, document name, etc.)	Evidence and confirmation notes	ZBR audit results (remarks)
Obtaining and confirming CiP information	21	(1)Do you have CiP management standards for your suppliers? [Judgement standard] Conformance : There are standards (green procurement standards, etc.) that set CiP management standards for suppliers. Nonconformance : There are no standards (green procurement standards, etc.). ※ Even if there is a standard, the content is insufficient. ("Prohibition of use", "Prohibition of manufacturing process", etc. of the target chemical substance are unclear, and "Target site" and "Threshold" are also unclear.)			◆Document name that defines CiP management standards for suppliers	After first defining the action to be taken for the acquisition of CiP information and the results of verification, the organization shall then present the management criteria related to CiP in purchasing to the supplier and obtain the CiP information. The organization shall verify if the CiP information obtained satisfies the management criteria related to CiP in purchasing and shall retain the result as documented information.	
	22	(2)How do you make the "Purchasing Management Standards" known to your suppliers? [Judgement standard] Conformance : It is informed to the supplier in writing through the Green Procurement Standards. Nonconformance : Not well known.			◆Document name that is well known to the purchaser	The acquisition and verification of CiP information in accordance with the management criteria related to CiP in purchasing should be completed before the manufacturing is started.	
	23	(3)Is the following clear to the supplier for all the components that make up the product? (a)It clarifies when to obtain CiP information. (b)Means of obtaining CiP information (Certificate of Non-use, etc.) (c)The department in charge of obtaining CiP information is clarified. (d)There have confirmed that the CiP information is being investigated for the BOM of the product. [Judgement standard] Conformance : (a)-(d) are clarified. Nonconformance : Even one of (a) to (d) is unclear.			◆Regulation names and management means that clarify (a) to (d) ◆ (a)～ (d) を明確にした規定名や管理手段 (a) (b) (c) (d)		
	24	(4)Is there a form to obtain the report content (contained or not / contained amount / concentration / use applications, etc.) of CiP information in (3) above? [Judgement standard] Conformance : The form for obtaining CiP information from the supplier is clarified. Nonconformance : Not clear.			◆Survey format name		
	25	(5)Are the following points clarified when pass / fail judgment of the CiP information content obtained in (3) above? ※Points to clarify ①When ②Method ③Judgment department ④Record the judgment details [Judgement standard] Conformance : There are regulations that clarifies ① to ④ above, and the judgment is made before the production of the product. Nonconformance : There are no above regulations and no judgment has been made.			◆Regulation name and record name that clarified ① to ④ ① ② ③ ④		
	26	(6)Can you determine if your product conform CiP management standards? (a)CiP management is performed and judgment is made for the element that make up the product. (There is a record) (b)There are regulations regarding regular ingredient management prevention of contamination / identification control / contamination control / conversion process in the process. (There is a record) (c)There are regulations regarding 4M changes at the purchase and 4M changes at the company (there is a record). [Judgement standard] Conformance : There are regulations and records regarding (a) to (c). Nonconformance : The above regulations and records are not part of it.			◆Regulation name and record name in (a) to (c) (a) (b) (c)		

Action item	No	question	Self-audit results	ZBR audit results	Description (Evidence name, document name, etc.)	Evidence and confirmation notes	ZBR audit results (remarks)
Confirmation of the CIP management status at suppliers	27	(1)Do you require suppliers to build and operate a CIP management system to conform CIP management standards? [Judgement standard] Conformance : The Green Procurement Standards, etc. require suppliers to establish a system and operation that conform the CIP management standards, and an environmentally hazardous substance management system. Nonconformance : There is no document to request.			◆Document name that requested the supplier to build and operate a CIP management system	Record of requests to suppliers (Example : Distribution record of Gree Procurement Standards and Customer Evaluation Sheet) ■Confirmation point of view ④Do you require suppliers to "control of chemical substances contained in products"? ※"Control of chemical substances contained in products"	
	28	(2)When selecting a new supplier, do you check the status of CIP management with the supplier? [Judgement standard] Conformance : When selecting a supplier, the system and contents / methods for checking the status of CIP management are regulations. Nonconformance : There are no regulations for the system and contents / methods for checking the status of CIP management, and there have not been confirmed.			◆Regulation name for checking the status fo CIP management when selecting a new supplier	refers to a mechanism for appropriately managing the chemical substances contained in products at each stage of purchase, manufacturing, and sales. A record of evaluating a supplier (Evaluating result list, individual evaluation record) ■Confirmation point of view ②Are you evaluating new suppliers? ③If the transaction continues, do you update the evaluation regularly? ④Do you carry out evaluation according to the contents of ① above? ⑤If the evaluation is not completed, or if there is a supplier who has a problem with the evaluation content or evaluation result, do you support it? ※You are responding to suppliers who need improvement, such as improvement guidance. ⑥Do you confirm that the supplier (primary supplier) evaluates the supplier (secondary supplier) who purchases the prats material?	
	29	(3)If you want to continue the transaction, do you regularly reconfirm the status of CIP management as needed? [Judgement standard] Conformance : There is a regulation to check the status of CIP management in continuous transaction. Nonconformance : There is no above regulation.			◆Regulation name for checking the status of CIP management in continuous transactions		
	30	(4)For (2) and (3) above, do you record the confirmation result of the status of CIP management for the supplier? [Judgement standard] Conformance : The records of (2) and (3) above are managed. Nonconformance : There is no record.			◆Record name		
	31	(5)Regarding (2) and (3) above, do you define the action content when the status confirmation of CIP management is not completed, or there is a problem with the confirmed contents and results? [Judgement standard] Conformance : There is a regulation that defines the action content for the target event. Nonconformance : There is not defined the action conten.			◆Regulation name that defines the action content for the target event		
	32	(6)Does your company require and confirm CIP management from the secondary supplier through the primary supplier? ※Flow of product / parts procurement Your company ← Primary supplier ← Secondary supplier ※Flow of CIP management request Your company → Primary supplier → Secondary supplier [Judgement standard] Conformance : There are standards, etc. that request CIP management to the secondary supplier, and the operational status of the secondary supplier is confirmed. Nonconformance : There is no above standard.			◆Document name that requested CIP management from the secondary supplier through the primary supplier		
CIP management at the time of acceptance	33	(1)Do you confirm that the purchased product satisfy the purchasing control standard at the time of acceptance? [Judgement standard] Conformance : There are regulations and confirmations for confirming that all purchased products satisfy the standards. Nonconformance : There is no regulation. Or even if there is a regulation, it is not confirmed.			◆Regulation name to confirm that the standard is satisfy	The organization prescribes actions for the confirmation result of the purchased product at the time of acceptance, make sure that the purchased product satisfy the management standard related to CIP in the organization's purchasing at the time of acceptance, and keep the results as documented information.	
	34	(2)Do you record the result of (1) above? [Judgement standard] Conformance : There is a record of acceptance inspection results. Nonconformance : There is no record.			◆Record name		
Management in the manufacturing process (Management of conversion process)	35	(1)Is there a conversion process? [Questions not subject to evaluation] [Judgement standard] Conformance : There is a conversion process. Nonconformance : There is no conversion process. ※If the answer is "Not applicable", please describe (2) to (4) as "Not applicable".			◆Applicable process name and target substance name	The organization shall manage the manufacturing process based on the control standards related to CIP in the manufacturing process, and retain the results as documented information.	
	36	(2)Have you established control standards related to CIP in the manufacturing process for the process corresponding to (1) above? [Judgement standard] Conformance : There are control standards for the conversion process. Nonconformance : There is no management standard.			◆Management standard name		
	37	(3)Do you record the result of the management of (2) above? [Judgement standard] Conformance : There is managed the record that was judged as the management standard in the conversion process. Nonconformance : There is not managed the judgment record.			◆Record name		
	38	(4)Is the procedure for implementing the management of (2) to (3) above documented? [Judgement standard] Conformance : There are regulations. Nonconformance : There is no regulation.			◆Regulation name that defines the procedure		

Action item	No	question	Self-audit results	ZBR audit results	Description (Evidence name, document name, etc.)	Evidence and confirmation notes	ZBR audit results (remarks)
Prevention of misuse and contamination (Management of parallel production and misuse / contamination of prohibited substances)	39	(1)Are you able to properly manage the prevention of misuse and contamination in the receiving and storage of parts and materials (including auxiliary materials and packaging materials)? Also, are the procedures for implementing proper management documented? [Judgement standard] Conformance : The procedure is documented and properly managed. Nonconformance : Not documented.			◆Document name that defines the procedure	The organization shall implement measures to prevent misuse and contamination of chemical substances covered by the CIP management standards. 組織は、C i P 管理基準で対象とした化学物質の誤使用及び汚染の防止策を実施すること。	
	40	(2)Are you able to properly manage the prevention of misuse and contamination in all of the following related manufacturing processes? Also, are the procedures for implementing proper management documented? (a)Line process (b)Work in process storage (c)Rework process (d)Production equipment and jigs [Judgement standard] Conformance : All procedures (a) to (d) are documented and properly managed. Nonconformance : The procedure is not documented. ※ If any one of (a) to (d) is insufficient, it is not suitable.			◆Document name that defines the procedure		
	41	(3)Are you able to properly manage the prevention of misuse and contamination in the product storage area in the shipping warehouse. Also, are the procedures for implementing proper management documented? [Judgement standard] Conformance : The procedure is documented and properly managed. Nonconformance : Not documented.			◆Document name that defines the procedure		
Identification and traceability	42	Do you document the methods for managing identification and traceability for the following control items of the product? Also, do you make a record? (Management items) ・Components ・Accepting lot of raw materials ・Manufacturing time ・Manufacturing process ・(If applicable) Traceability for outsourcers [Judgement standard] Conformance : The method is documented and you are making records. Nonconformance : Not documented.			◆Document name that defines the method ◆record name	The organization keeps track of CIP information, and ensure the traceability of CIP information by appropriate means so that information can be used, disclose and communicated promptly. Define, store, and implement how to manage CIP information about your organization's products.	
Manage changes	43	(1)When a change management target occurs, confirm the necessity before making a change and obtain the necessary CIP information. Do you have a document that clarifies the department (person), time, and means? [Judgement standard] Conformance : There is a document. Nonconformance : There is not document.			◆Document name	The organization should extract the elements of change that may affect the chemicals targeted by the CIP control standards. The organization should properly identify changes in CIP for changes and review them according to CIP management standards before implementing the changes.	
	44	(2)If the change management target of (1) above affects the customer or the product shipped to the customer, is there a document that clarifies the department (person), timing ,and means to report to the customer before the change? [Judgement standard] Conformance : There is a document that clarifies the department (person), timing, and means to report to the customer before the change. Nonconformance : There is not document.			◆Document name	The organization shall retain documented information describing the persons (or people) woh formally authorized the change as a result of the review of the change and the necessary actions resulting from the review.	
	45	(3)For the obtained CIP information, do you judge the conformity status and record the result? [Judgement standard] Conformance : There is a record. Nonconformance : There is no record.			◆Record name		
Product CIP Warranty	46	When a customer asks for CIP information for a product,can you create / provide the required materials? [Judgement standard] Conformance : You can. Nonconformance : You can not.			◆Number of personnel that can be created / provided	The organization implements CIP management that enables the creation of typical materials such as "Certificate of non-use", "Inclusion confirmation form", "High precision analysis data list", and "chemSHERPA", and it is necessary to acquire the knowledge necessary for creation and secure personnel.	

Action item	No	question	Self-audit results	ZBR audit results	Description (Evidence name, document name, etc.)	Evidence and confirmation notes	ZBR audit results (remarks)
Response when non-conforming products occur	47	(1)Do you establish and implement procedures for contacting the inside of the organization, suppliers or outsourcers, and customers when non-conforming products of CiP (hereinafter referred to as non-conforming products) occur? [Judgement standard] Conformance : There is a document that defines the procedure and it is implemented. Nonconformance : There is no document.			◆Document name	The organization shall establish and document the method of prompt contact with the inside of the organization, suppliers, outsourcers and customers in the event of non-conforming products related to CiP, and emergency measures.	
	48	(2)Do you establish and implement procedures for identifying the spread range and identifying and managing non-conforming products as an emergency measure? [Judgement standard] Conformance : There is a document that defines the procedure and it is implemented. Nonconformance : There is no document.			◆Document name	After emergency measures, identify the cause, determine what is needed, and implement it to prevent recurrence. The organization should take preventive measures to prevent the outbreak. The organization should retain documented information on what to do when a non-conforming product occurs.	
	49	(3)Do you establish and implement procedures for investigating the cause, taking permanent measures against it, and taking preventive measures? [Judgement standard] Conformance : There is a document that defines the procedure and it is implemented. Nonconformance : There is no document.			◆Document name		
	50	(4)Do you establish and implement procedures for horizontal deployment of recurrence prevention measures? [Judgement standard] Conformance : There is a document that defines the procedure and it is implemented. Nonconformance : There is no document.			◆Document name		

Attachment6

How to Fill Out and Submit Documents

Please fill in columns related to the following items.

Be careful when you prepare a document. If there is an incomplete form/mistake in the content, it is necessary to resubmit a document.

Inclusion Confirmation Form

Please use Attachment 7 "Inclusion Confirmation Form".

《Basic information》

Preparation date, supplier's name, manufacturer's name, department name, name of person in charge, stamp by a responsible person, preparer and contact information

* For overseas business partners, signature by a responsible person is acceptable instead of stamp.

《Investigation of Contained Chemical Substances》

① Part name: Part name and your formal Part number

* When documents can be combined for certain series, etc., prepare one document with name of the series and attach a list of Part numbers.

② Column of Weight of Parts / Unit: Select one and write a check in ☐

Weight per parts (Unit : g , kg) / In the case of delivery in units of m, the weight per 1 m (g/m) /

In the case of delivery in units of m² the weight per 1 m² (g/m²)

③ Contained or not: "Contained" → Fill in the column of impurities or intentional with a circle mark, "Not contained" → Fill in the column with an X mark.

④portion weight: Fill in the column weight of homogeneous materials in unit of g.

⑤Contained amount and content rate: Contained amount (unit: g) and content rate of chemical substances contained in homogeneous materials

*Content rate of portion (in homogeneous materials). Content rate (ppm)= (Contained amount/Weight of portion) X106

* Fill in the columns with easily understandable numbers. (Ex.) 0.00000003=3E-08

⑥In which portion and for what purpose: portion in which each homogeneous material is contained and for what purposes each contained substance is used

⑥Content site, application : Site of homogeneous material unit and purpose of use of content

⑦Remarks: Regarding response to RoHS

* For purposes of RoHS exempted, clearly write "RoHS exempted" and exempted Item number.

For the exemption item numbers, refer to Attachment ○ "RoHS Exemption Use List".

* For impurities, clearly write "below the threshold level".

* Please refer to Attachment 1 "Prohibited Substances" for the threshold levels.

【How to Submit A Document】

Send an original document or copy to a person who requests the form or attach electronic data by e-mail.

Attachment6**Certificate of Non-use**

Please use Attachment 8 "Certificate of Non-use"

When you modify the content, don't use any correction fluid. Cross out a mistake with a double line and set your seal on it.

《Basic Information》

Preparation date, company name, company seal or stamp by a responsible person, job

title/responsible person's name, contact person's name and telephone number

* For overseas business partners, signature by a responsible person is acceptable instead of stamp.

《Target part》

part name and our registered part number (or series name)

* Fill in the columns with a part name and part number registered by TABUCHI ELECTRIC CO., LTD.

* When parts have not been registered yet, fill in the columns with your part name and part number of the supplier.

* When documents can be combined for certain series, etc., prepare one document with name of the series and attach a list of part numbers.

* It is not necessary to write any part codes.

《Impurities, Inclusion of RoHS exempted, etc.》

If banned substance are contained, they must be clearly written.

Banned substance, content rate, portion/purpose and comment

* Regardless of threshold levels, fill in the columns for each homogeneous material.

* In the column of comment, clearly write that your products are applicable with RoHS, such as "items of RoHS exempted" and "impurities".

【How to Submit A Document】

Submit an original document with company seal or stamp by a responsible person.

When electronic data are submitted, send an original document to a person who requests the form.

Attachment6

High-Precision Analysis Data List

Please use Attachment 9 "High-Precision Analysis Data List".

《Basic Information》

Preparation date, company name, company seal or stamp by a responsible person, job

title/responsible person's name

* For overseas business partners, signature by a responsible person is acceptable instead of stamp.

《Target part》

part name and our registered part number (or series name)

* Fill in the columns with a part name and part number registered by TABUCHI ELECTRIC CO., LTD.

* When parts have not been registered yet, fill in the columns with your part name and part

number of the supplier.

* When documents can be combined for certain series, etc., prepare one document with name of the series and attach a list of part numbers.

* It is not necessary to write any part codes.

《Analytical data》

Please fill in "homogeneous material" for the analysis portion. (Example of homogeneous material : lead wire ⇒ copper wire. coating. plating. etc.)

If you have applied "Exempted Uses", please fill in the number in the attached "RoHS Exempted Uses List".

【How to Submit A Document】

Send an original document or copy to a person who requests the form or attach electronic data by e-mail.

* Please also send the analysis data of the analysis institution.

chemSHERPA

The chemSHERPA tools and related documents can be downloaded from the following URL.

URL : <https://chemsherpa.net/>

《Basic Information》

For details on how to create chemSHERPA, download various manuals from the above URL and refer to them.

Please use the latest chemSHERPA Ver. When creating.

《chemSHERPA-AI》

The target products of chemSHERPA-AI are molded products.

Please fill in "Basic information", "Ingredient information", and "Regulation information".

《chemSHERPA-CI》

The target products of chemSHERPA-CI are chemical products.

Please fill in "Basic information" and "Ingredient information".

【Submission method】

Please email the file (~.shai) to our requester.

Appendix 7

To TABUCHI ELECTRIC CO., LTD.

Inclusion Confirmation Form

No. _____

Preparation Date			Part Name	
Supplier's Name			Part Number	
Manufacturer's Name			Part Code	
Department Name	Stamp or Signature		TEL	
Responsible person			FAX	
Preparer			E-mail	

Weight of Part		<input type="checkbox"/> g <input type="checkbox"/> kg <input type="checkbox"/> g/m <input type="checkbox"/> g/m ²
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No.	Substance group	Does it contain?			Weight of portion [g]	Contained amount [g]	Content rate [ppm]	Containing portion/ Purpose of use	Remarks (RoHS Exemption etc.)
		Impurities	Yes	No					
Banned Substances									
1	Cadmium/Cadmium compounds								
2	Hexavalent chromium compounds								
3	Lead/Lead compounds								
4	Mercury/Mercury compounds								
5	Tributyl tin oxide (TBTO)								
6	Tri-substituted organostannic compounds								
7	Dibutyltin compounds (DBT)								
8	Dioctyltin compounds (DOT) *1								
9	Polychlorinated diphenyls (PCBs) and specific substitutes								
10	Polybrominated diphenyl ethers (PBDEs)								
11	Polychlorinated diphenyls (PCBs) and specific substitutes								
12	Polychlorinated terphenyls (PCTs)								
13	Polychlorinated naphthalenes								
14	Perchlorates								
15	Perfluorooctane sulfonate (PFOS)								
16	Selected fluorinated greenhouse gases (GWP 100 = 1)								
17	Asbestos								
18	Azocolourants and azodyes which from certain aromatic amines								
19	Ozone depleting substances *2								
20	Radioactive substances								
21	2-benzotriazol-2-yl-4, 6-di-tert-butylphenol								
22	Specific phthalates (BBP,DBP,DEHP,DIDP,DINP,DNOP) *3								
23	Bis (2-ethylhexyl) phthalate (DEHP) *4								
24	Dibutyl phthalate (DBP) *4								
25	Butyl Benzyl phthalate (BBP) *4								
26	Diisobutyl phthalate (DIBP) *4								
27	Dimethyl fumarate								
28	4 heavy metals (Cd,Pb,Cr6+,Hg)								
29	Shortchain chlorinated paraffins (C10-C13)								
30	Polycyclic aromatic hydrocarbons (PAHs)								
31	Hexabromocyclododecane (HBCDD) and all major diastereoisomers								
32	Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA								
33	Arsenic compounds *5								
34	Cobalt dichloride								
35	Natural rubber *6								
36	Red phosphorus *7								
Substances that control the content									
37	Beryllium oxide								
38	Brominated flame retardant (Other than PBB and PBDE or HBCDD)								
39	Chlorine-based flame retardant								
40	Polyvinyl chloride (PVC) and PVC copolymer								
41	Formaldehyde								
42	SVHC (REACH)								
43	Nickel *8								
44	China VOC regulated substances *9								

*1 Textile articles and leather products intended to come into contact with the skin ,Childcare articles,Two-component room temperature vulcanisation moulding kits (RTV-2 moulding kits)

*2 Substances defined in the Montreal Protocol

*3 The accessible parts of the toy applications

*4 ALL (Not the accessible parts of the toy applications)

*5 When used in timber as antiseptic agent

*6 Parts that consumers directly touch the skin for toy applications

*7 Resin to which electric field is applied (Exclude phosphorus added in the metal)

*8 Parts that consumers directly touch the skin

*9 Paints, adhesives, inks, cleaning agents, or parts that use them (When producing in China or importing from overseas to China)



TABUCHI ELECTRIC CO., LTD.

Appendix 7

To TABUCHI ELECTRIC CO., LTD.

Inclusion Confirmation Form

No. _____

Preparation Date	YYYY/MM/DD	Seal or signature of the responsible person	me	C
Supplier's Name	A company		number	XYZ-0123
Manufacturer's Name			de	123456
Department Name	B department		TEL	123-456-789
Responsible person	Tabuchi Taro	Signature	FAX	
Preparer	Tabuchi Hanako		E-mail	t.tabuchi@~

If it can be applied in common for series, etc., create it collectively with the series name and attach the target part number list.

Weight of Part	1.00	<input type="checkbox"/> g <input checked="" type="checkbox"/> kg <input type="checkbox"/> g/m <input type="checkbox"/> g/m ²	Please set the applicable unit to <input checked="" type="checkbox"/>
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No.	Substance group	Does it contain?			Weight of portion [g]	Contained amount [g]	Content rate [ppm]	Containing portion/ Purpose of use	Remarks (RoHS Exemption etc.)
		Yes		No					
		Impurities	Intentional						
Banned Substances									
1	Cadmium/Cadmium compounds			✓		For "impurities" and "intentional", fill in the right column.			
2	Hexavalent chromium compounds			✓					
3	Lead/Lead compounds		✓		3.4	3.0	882,353	Lead-containing solder, electrical bonding	7(a)
4	Mercury/Mercury compounds	✓			5.0	0.00005	10	Lamp	
5	Tributyl tin oxide (TBTO)								Please enter the exemption item number.
6	Tri-substituted organostannic compounds								
7	Dibutyltin compounds (DBT)								Exponential notation is also possible. Example : 5E-5
8	Diocetyl tin compounds (DOT) *1								
9	Polychlorinated diphenyls (PCBs) and specific substitutes								
10	Polybrominated diphenyl ethers (PBDEs)								
11	Polychlorinated diphenyls (PCBs) and specific substitutes								
12	Polychlorinated terphenyls (PCTs)								
13	Plychlorinated naphthalenes								
14	Perchlorates								
15	Perfluorooctane sulfonate (PFOS)								
16	Selected fluorinated green house gases (GFC SEC HFC)								
17	Asbestos								
18	Azocolourants and azodyes which from certain aromatic amines								
19	Ozone deplating substances *2								
20	Radioactive substances								
21	2-benzotriazol-2-yl-4, 6-di-tert-butylphenol								
22	Specific phthalates (BBP,DBP,DEHP,DIDP,DINP,DNOP) *3								
23	Bis (2-ethylhexyl) phthalate (DEHP) *4								
24	Dibutyl phthalate (DBP) *4								
25	Butyl Benzyl phthalate (BBP) *4								
26	Diisobutyl phthalate (DIBP) *4								
27	Dimethyl fumarate								
28	4 heavy metals (Cd,Pb,Cr6+,Hg)								
29	Shortchaine chlorinated paraffins (C10-C13)								
30	Polycyclic aromatic hydrocarbons (PAHs)								
31	Hexabromocyclododecane (HBCDD) and all major diastereoisomers								
32	Perfluorooctanic acid (PFOA) and indivisual salts and esters of PFOA								
33	Aersenic compounds *5								
34	Cobalt dichloride								
35	Natural rubber *6								
36	Red phosphorus *7								
Substances that control the content									
37	Beryllium oxide								
38	Brominated flame retardant (Other than PBB and PBDE or HBCDD)								
39	Chlorine-based flame retardant								
40	Polyvinyl chloride (PVC) and PVC copolymer								
41	Formaldehyde								
42	SVHC (REACH)								
43	Nickel *8								
44	China VOC regulated substances *9								

*1 Textile articles and leather products intended to come into contact with the skin ,Childcare articles,Two-component room temperature vulcanisation moulding kits (RTV-2 moulding kits)

*2 Substances defined in the Montreal Protocol

*3 The accessible parts of the toy applications

*4 ALL (Not the accessible parts of the toy applications)

*5 When used in timber as antiseptic agent

*6 Parts that consumers directly touch the skin for toy applications

*7 Resin to which electric field is applied (Exclude phosphorus added in the metal)

*8 Parts that consumers directly touch the skin

*9 Paints, adhesives, inks, cleaning agents, or parts that use them (When producing in China or importing from overseas to China)



TABUCHI ELECTRIC CO., LTD.

Appendix 8

YYY/MM/DD

To TABUCHI ELECTRIC CO., LTD

Certificate of Non-use

Company name : _____

Job title : _____

Responsible person : _____

Contact person : _____

TEL : _____

Company seal
or
Signature of
responsible person

We guarantee that prohibited substances listed below are not intentionally used to the parts delivered to the all Tabuchi Electric Group, exclude for exception use, and that those are not used in manufacturing processes.

Impurities, inclusion of RoHS exception use, etc. are guaranteed to be as described.

記

《Part》

Management No.		
Part name	Part number	Part Code

《Banned Substance》

No	Substances group	No	物質群
1	Cadmium/Cadmium compounds	19	Ozone depleting substances ※1
2	Hexavalent chromium compounds	20	Radioactive substances
3	Lead/Lead compounds	21	2-benzotriazol-2-yl-4,6-di-tert-butylphenol
4	Mercury/Mercury compounds	22	Specific phthalates ※3 (BBP, DBP, DEHP, DIDP, DINP, DNOP)
5	Tributyl tin oxide (TBTO)	23	Bis (2-ethylhexyl) phthalate (DEHP) ※4
6	Tri-substituted organostannic compounds	24	Dibutyl phthalate (DBP) ※4
7	Dibutyltin compounds (DBT)	25	Butyl Benzyl phthalate (BBP) ※4
8	Diocetyl tin compounds (DOT) ※2	26	Diisobutyl phthalate (DIBP) ※4
9	Polybrominated biphenyls (PBBs)	27	Dimethyl fumarate
10	Polybrominated diphenyl ethers (PBDEs)	28	4 heavy metals (Cd, Pb, Cr6+, Hg)
11	Polychlorinated diphenyls (PCBs) and specific substitutes	29	Shortchain chlorinated paraffins (C10-13)
12	Polychlorinated terphenyls (PCTs)	30	Polycyclic aromatic hydrocarbons (PAHs)
13	Polychlorinated naphthalenes	31	Hexabromocyclododecane (HBCDD) and all major diastereoisomers
14	Perchlorates	32	Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA
15	Perfluorooctane sulfonate (PFOS)	33	Arsenic compounds ※5
16	Selected Fluorinated green house gases (PFC, SF6, HFC)	34	Cobalt dichloride
17	Asbestos	35	Natural rubber ※6
18	Azocolourants and azodyes which from certain aromatic amines	36	Red phosphorus ※7

※1 Substances defined in Montreal Protocol.

※2 Textile articles and leather products intended to come into contact with the skin ,Childcare articles,Two-component room temperature vulcanisation moulding kits (RTV-2 moulding kits)

※3 The accessible parts of the toy applications

※4 ALL (Not the accessible parts of the toy applications)

※5 When used in timber as antiseptic agent

※6 Parts that consumers directly touch the skin for toy applications

※7 Resin to which electric field is applied (Exclude phosphorus added in the metal), Start of prohibition after July 22 2018

《Impurities, Inclusion of RoHS exempted, etc.》

Banned Substance	Content Rate (ppm)	Portion/Purpose	Comment

Appendix 8

To TABUCHI ELECTRIC CO., LTD

YYYY/MM/DD

Certificate of Non-use

Company name : Company A

Job title : Department B manager
Responsible person : Taro Tabuchi

Contact person : Hanako Denki

TEL : 123-456-789

Company seal, seal of responsible person, or signature

Company seal
or
Signature of
responsible person

We guarantee that prohibited substances listed below are not intentionally used to the parts delivered to the all Tabuchi Electric Group, exclude for exception use, and that those are not used in manufacturing processes.

Impurities, inclusion of RoHS exception use, etc. are guaranteed to be as described.

記

《Part》

Management No.	1234-001		
Part name		Part number	Part Code
C		XYZ-0123	123456

《Banned Substance》

No	Substances group	No	物質群
1	Cadmium/Cadmium compounds	19	Ozone depleting substances ※1
2	Hexavalent chromium compounds	20	Radioactive substances
3	Lead/Lead compounds	21	2-benzotriazol-2-yl-4,6-di-tert-butylphenol
4	Mercury/Mercury compounds	22	Specific phthalates ※3 (BBP, DBP, DEHP, DIDP, DINP, DNOP)
5	Tributyl tin oxide (TBTO)	23	Bis (2-ethylhexyl) phthalate (DEHP) ※4
6	Tri-substituted organostannic compounds	24	Dibutyl phthalate (DBP) ※4
7	Dibutyltin compounds (DBT)	25	Butyl Benzyl phthalate (BBP) ※4
8	Diocetyl tin compounds (DOT) ※2	26	Diisobutyl phthalate (DIBP) ※4
9	Polybrominated biphenyls (PBBs)	27	Dimethyl fumarate
10	Polybrominated diphenyl ethers (PBDEs)	28	4 heavy metals (Cd, Pb, Cr6+, Hg)
11	Polychlorinated diphenyls (PCBs) and specific substitutes	29	Shortchaine chlorinated paraffins (C10-13)
12	Polychlorinated terphenyls (PCTs)	30	Polycyclic aromatic hydrocarbons (PAHs)
13	Plychlorinated naphthalenes	31	Hexabromocyclododecane (HBCDD) and all major diastereoisomers
14	Perchlorates	32	Perfluorooctanic acid (PFOA) and indivisual salts and esters of PFOA
15	Perfluorooctane sulfonate (PFOS)	33	Aersenic compounds ※5
16	Selected Fluorinated green house gases (PFC, SF6, HFC)	34	Cobalt dichloride
17	Asbestos	35	Natural rubber ※6
18	Azocolourants and azodyes which from certain aromatic amines	36	Red phosphorus ※7

※1 Substances defined in Montreal Protocol.

※2 Textile temper

※3 The ac

※4 ALL (N

※5 When u

※6 Part

※7 Res

It is mandatory to fill in if there is a prohibited substance.

Please fill in for each homogeneous material regardless of the threshold.

For purposes of RoHS exempted, please fill in the exempted item number.

For the exemption item numbers, refer to Attachment ○ "RoHS Exemption Use List".

《Impurities, Inclusion of RoHS exempted, etc.》

Banned Substance	Content Rate (ppm)	Portion/Purpose	Comment
Lead	100	Lead solder / Electrical junction	7(a)

Appendix 9

High Precision Analysis Data List

Date _____

YYY/MM/DD

Company Name		Company Seal or Signature
Department/ Title		
Person in responsible		

Part Name	
Part Number	
Part Code	

Analysis data for RoHS 10 substances sheet

[illegible]

Appendix 9
High Precision Analysis Data List

Date YYY/MM/DD

Company Name	Company A	Company Seal or Signature
Department/ Title	Department B manager	
Person in responsible	Taro Tabuchi	

Part Name	C
Part Number	XYZ-123
Part Code	123456

Analysis data for RoHS 10 substances sheet

No	Analyzed Portion (analysis unit)	Analysis Organization	Analysis Method	Analysis Date	Analysis Data No	Analysis result of 10 Substances subject to RoHS (ppm)										Exempt	RoHS compliant (Y/N)	Remark
						Pb	Hg	Cd	Cr6+	PBB	PBDE	Phthalic ester						
												DEHP	DBP	BBP	DIBP			
1	D	SGS	ICP-AES UV-VIS GC-MS	YYY/MM/DD	01234567A	10,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	7(s)	Y	鉛半田使用
2	E																	
3	The unit of analysis should be homogeneous material. Example : lead wire, coating, etc.					Please also submit the analysis data.					For purposes of RoHS exempted, please fill in the exempted item number. For the exemption item numbers, refer to Attachment ○ "RoHS Exemption Use List".							
4																		
5																		
6																		
7																		
8																		
9																		
10																		

If you run out, please add a field.