EIZO Green Procurement Standards

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EIZO Corporation

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Energy and Environmental Basic Policy

The EIZO Group is aware that one of our key responsibilities is to conduct business taking the environment into consideration. We strive to contribute to the sustainable development of our society by being conscious of the impact our business has on the environment. We will continue our concerted effort in the effective use of resources, climate change mitigation, environmental protection (including the protection of biodiversity and ecosystems), prevention of pollution, and reduction of other environmental risks.

We therefore:

1. Comply with legal, moral and other requirements regarding environmental protection and the effective use of energy.

2. Provide eco-friendly products and services, implement activities to reduce our environmental footprint, and take active measures to prevent pollution.

3. Constantly improve our environmental impact performance when conducting business such as: use of sustainable resources, pollution prevention, green procurement, enhancement of efficient energy use, and reduction of greenhouse gas emissions.

4. Establish an energy and environmental management system that is in accord with business activities and energy and environmental management goals, implement, review and continually improve our performance.

5. Conduct awareness-raising activities targeting our members to improve understanding of environmental protection as well as the use of clean and sustainable energy.

1. Introduction

To promote the conservation of the global environment, EIZO Corporation strives to achieve environmentally-friendly manufacturing, with the goal of creating a more economically-minded society with a sound cycle of materials use. All of our activities comply with the Energy and Environmental Basic Policy appended to this document.

We intend to persevere in our efforts to promote environmental conservation while continuing to improve our practices, so that all of our activities will meet the environmental standards demanded by customers and society. To help fulfill our social responsibilities, we have created Green Procurement Standards that will guide our materials procurement.

To achieve environmentally-friendly products that generate reduced environmental loads, the parts and materials that make up the products must themselves generate reduced loads. The procurement of such parts and materials is critical to realizing our goal.

In addition to procurement criteria such as quality, price, delivery period, service, and technological capabilities, EIZO will also consider a company's efforts in reducing environmental loads and in pursuing environmental conservation. In procurement activities, we will assign a priority to companies whose activities indicate a forward-looking approach to environmental conservation. In addition to quality, functionality, and cost effectiveness, the environmental friendliness of products, parts, and materials (including packaging materials) will be serve as a critical component of our selection criteria.

The understanding and cooperation of our suppliers represent a crucial part of our efforts to provide environmentally-friendly products. EIZO Corporation wants to make this endeavor a joint effort. To ensure the success of our efforts, we ask for your understanding with regard to our stated goals and our social responsibilities, and ask for your cooperation in promoting activities that reduce environmental burdens. We also ask for your continuing efforts to achieve sustained improvements in these areas.

2. Our Goal

By granting preferential status to suppliers actively engaged in environmental conservation activities, and by selectively procurement and using products, parts, and materials that generate low environmental loads, EIZO hopes to reduce the impact of our business activities on the environment and to help expand the market for environmentally-friendly products.

3. Scope of Applicability to Products

The present standards apply to all electrical parts, mechanical parts and materials (including auxiliary materials such as tapes, solders, adhesives and paints) used in products designed, manufactured, outsourced and sold by EIZO Corporation.

4. Requirements of "EIZO Green Procurement Standards"

"EIZO Green Procurement Standards" requires suppliers to fulfill the following three requirements:

1) Suppliers shall comply with the environmental requirements in the EIZO Supplier Code of Conduct (see below) and have established a chemical substance management system that includes chemical substance management requirements for your supply chain. Regarding chemical substance management, we will confirm it in the separately requested "Questionnaire on chemical substance management".

   https://www.eizo.co.jp/company/csr/4/EIZO_SupplierCodeofConduct_en_rev2.pdf

2) Products (including sub-assembly parts), materials and parts purchased as finished products shall meet the criteria for prohibited chemical substances specified in this standard.

3) For products (including sub-assembly parts), materials, and parts purchased as finished products, suppliers shall provide truthful information in the EIZO-designated forms (MIS File and chemSHERPA-AI File) based on EIZO Green Procurement Standards and chemSHERPA usage rules.

   * chemSHERPA: A scheme that facilitates sharing information on chemical substances in products

   https://chemsherpa.net/english

Please see Section 5 and after for more details of 2) and 3).

5. Prohibited Chemical Substances

The prohibited chemical substances designated by the laws of various countries are not allowed to be used in all products (parts or products) delivered to EIZO. The statute list of prohibited chemical substances is shown in the table 1.

Also, the substances in the table 2-1 are prohibited to be contained in all products (parts or products) delivered to EIZO.

[Table1] Statute list of prohibited chemical substances

Area	Statute
All	Substances defined by the Annex A, B, C and E of Montreal Protocol
All	Substances defined by the Annex A, B, C of POPs (Stockholm Convention on Persistent Organic Pollutants)
Japan	Specified substances of class 1 defined by Law concerning the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (Chemical Substances Control Law)
Japan	Substances defined by Industrial Safety and Health Law
Japan	Specified poisonous substances defined by Poisonous and Deleterious Substances Control Law
Japan	Nuclear material defined by Law for the Regulation of Nuclear Source Material, Nuclear Fuel Material and Reactors
EU	Prohibited substances defined by Restriction of using the specified hazardous substances included in electrical and electronic equipment (RoHS Directive 2011/65/EU)
EU	Prohibited substances defined by Regulation on the Registration, Evaluation and the Authorisation of Chemicals (Regulation on REACH No.1907/2006) Annex XVII
EU	Prohibited substances defined by Batteries and accumulators and waste batteries and accumulators Directive 2006/66/EC
EU	Heavy metals defined by European Parliament and Council Directive 94/62/EC
Germany	GS mark based on ProdSG (AfPS GS 2019:01 PAK)
Denmark	Formalin Act
USA	Toxic Substances Control Act (TSCA)
State of California	Proposition 65
Canada	Canadian Environmental Protection Act
EU(*)	Prohibited substances defined by Batteries and accumulators and waste batteries and accumulators Directive 2006/66/EC
USA(*)	The Mercury-Containing and Rechargeable Battery Management Act (Public Law 104-142)
China(*)	Content limitation of mercury, cadmium and lead for zinc anode primary battery (GB 24427-2021)
Taiwan(*)	Restrictions on the Manufacture, Import, and Sale of Dry Cell Batteries

(*): Battery-related laws and regulations

[Table 2-1] Prohibited Chemical Substances *1 *2

No.	Substances	Criteria	Main related Statute
1	Asbestos	Intentional use prohibited and 1000ppm or less	REACH Annex XVII, TSCA, Industrial Safety and Health Law
2	Azo dye and pigment forming specified amines	30ppm or less(a) Applicable to uses that may come into direct and prolonged contact with human skin or oral cavity.	REACH Annex XVII
3	Cadmium and Cadmium Compounds	100ppm or less *3 *4 *5	RoHS directive, REACH Annex XVII
4	Hexavalent Chromium Compounds	1000ppm or less *3 *4 *5 Leather parts: Less than 3ppm in leather	RoHS directive, REACH Annex XVII
5	Lead and Lead Compounds	1000ppm or less *3 *4 *5 External cable: less than 300ppm in outer parts	RoHS directive, REACH Annex XVII, Proposition 65
6	Mercury and Mercury compounds	1000ppm or less *3 *4 *5	RoHS directive

No.	Substances	Criteria	Main related Statute
7	Ozone Depleting Substances (Substances in Annexes A, B, C and E of the Montreal Protocol)	Intentional use prohibited	Montreal Protocol
8	Perfluorooctane sulfonic acid and its derivatives (PFOS)*6	Intentional use prohibited and less than 1000ppm Coated materials: Less than 1μg/m^2 (Exemptions are set for specific use)	Chemical Substances Control Law, POPs regulation
9	Polybrominated Biphenyls (PBBs)	Intentional use prohibited *7 and 1000ppm or less *5	RoHS directives, Chemical Substances Control Law, POPs regulation
10	Polybrominated Diphenyl Ethers (PBDEs)	Intentional use prohibited and 1000ppm or less *5	RoHS directives, TSCA, REACH Annex XVII, Chemical Substances Control Law, POPs regulation
11	Polychlorinated Biphenyls (PCBs)	Intentional use prohibited	Chemical Substances Control Law, TSCA
12	Polychlorinated terphenyls (PCTs)	50ppm or less	REACH Annex XVII
13	Short Chain Chlorinated Paraffins (C10-C13)	Intentional use prohibited and less than 1500ppm	Chemical Substances Control Law, POPs regulation
14	Tri-substituted organostannic compounds	Less than 1000ppm by weight of tin (a)	REACH Annex XVII
15	Tributyl Tin Oxide (TBTO)	Intentional use prohibited and less than 1000ppm by weight of tin (a)	REACH Annex XVII Chemical Substances Control Law
16	Polychlorinated naphthalenes (number of chlorine is 1 or more)	Intentional use prohibited	Chemical Substances Control Law, POPs regulation
17	Dimethylfumarate (DMF)	0.1ppm or less	REACH Annex XVII
18	Radioactive Substances	Intentional use prohibited	Nuclear Reactor Regulation Law
19	Formaldehyde	Aerial concentration: 0.1ppm or less (Only wood products and textile goods are targeted)	German Chem Verbots Formalin Act
20	Hexachlorobenzene	Intentional use prohibited	Chemical Substances Control Law, POPs regulation
21	2-(2H-1,2,3-Benzotriazol-2-yl)-4,6-di-tert-butylphenol	Intentional use prohibited	Chemical Substances Control Law
22	Dibutyltin (DBT) compounds	1000ppm or less by weight of tin	REACH Annex XVII
23	Dioctyltin (DOT) compounds	1000ppm or less by weight of tin (a) This requirement is applied for the following use: - Textile articles intended to come into contact with the skin - Wall and floor coverings - Two-component room temperature vulcanization moulding kits (RTV-2 moulding kits).	REACH Annex XVII
24	Hexabromocyclododecane (HBCDD)	Intentional use prohibited and 100ppm or less	Chemical Substances Control Law, POPs regulation
25	Polycyclic aromatic hydrocarbons (PAHs) Refer to table 2-2 for more details about the target substances and threshold	- Exterior plastics and coating: Less than threshold of GS category 3 - Exterior plastics and coating of remote control: Less than threshold of GS category 2	REACH Annex XVII, GS mark
26	Pentachlorophenol and its salts and esters	Intentional use prohibited and 5ppm or less	Chemical Substances Control Law, POPs regulation

No.	Substances	Criteria	Main related Statute
27	Bis (2-ethylhexyl) phthalate (DEHP) Butyl benzyl phthalate (BBP) Dibutyl phthalate (DBP) Diisobutyl phthalate (DIBP)	- Individual substance: 1000ppm or less - Total of 4 substances in plasticized material: less than 1000ppm	RoHS directive REACH Annex XVII
28	Perfluorooctanoic acid (PFOA), its salts and PFOA-related substances	Intentional use prohibited and - PFOA and its salts: 25ppb or less - PFOA-related substances: 1000 ppb or less of one or a combination of PFOA-related substances Photolithography or etch processes in semiconductor manufacturing are exempted.	Chemical Substances Control Law, POPs regulation
29	Phenol, Isopropylated Phosphate (3:1) (PIP 3:1)	Intentional use prohibited Use as an adhesive and sealant are exempted.	TSCA
30	Pentachlorothiophenol (PCTP)	1% or less	TSCA
31	C9-C14 linear and/or branched perfluorocarboxylic acids (C9-C14 PFCAs), their salts and C9-C14 PFCAs-related substances *Delivery of contained products to EIZO will be prohibited April 2022 and after.	- C9-C14 PFCAs and their salts: total concentration less than 25 ppb - C9-C14 PFCA-related substances: total concentration is less than 260 ppb	REACH Annex XVII

*1: The concentration not specified is the weight percent in the homogeneous material, and the concentration described in (a) is the weight percent in the minimum article.
*2: The department in charge may give specific instructions on the use of a specific application within the scope of the law.
*3: The presence of the substances in batteries and accumulators shall comply with the battery-related laws and regulations shown in Table 1.
*4: For heavy metals (cadmium, hexavalent chromium, lead, mercury) in packaging materials, intentional use is prohibited and the total concentration is less than 100ppm in homogeneous material weight ratio.
*5: Exempted Items for RoHS Directive are set in consideration of the technical level at the time of the establishment. Refer to the directive below for more details about the items. (The items added after the directive are also valid.) However, if the expiration date is set, please complete necessary measures for the items one year before the date.
- RoHS Directive http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32011L0065&from=EN
*6: Substances with the following molecular formula are applicable as PFOS.
$C_8F_{17}SO_2X$ (X = OH, Metal salt (O-M+), halide, amide, and other derivatives including polymers)
*7: Applicable only to hexabromobiphenyl.

[Table 2-2] Requirements for PAH in REACH and GS mark (Categories relevant only for toys are omitted)

Parameter	REACH Annex XVII	GS: Category 1 *1	GS: Category 2 *1	GS: Category 3 *1
	Rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity	Materials indented to be put in the mouth, or materials used for toys or by children up to 3 years of age with intended long- term skin contact (longer than 30 s)	Materials not covered by category 1, with foreseeable skin contact for longer than 30 seconds (long-term skin contact) or repeated short-term skin contact	Materials not covered by category 1 or 2 with foreseeable skin contact up to 30 seconds (short term skin contact)
BENZO(a)PYRENE mg/kg	< 1	< 0.2	< 0.5	< 1
BENZO(e)PYRENE mg/kg	< 1	< 0.2	< 0.5	< 1
BENZO(a)ANTHRACENE mg/kg	< 1	< 0.2	< 0.5	< 1
BENZO(b)FLUORANTHENE mg/kg	< 1	< 0.2	< 0.5	< 1
BENZO(j)FLUORANTHENE mg/kg	< 1	< 0.2	< 0.5	< 1
BENZO(k)FLUORANTHENE mg/kg	< 1	< 0.2	< 0.5	< 1
CHRYSENE mg/kg	< 1	< 0.2	< 0.5	< 1
DIBENZO(a,h)ANTHRACENE mg/kg	< 1	< 0.2	< 0.5	< 1
BENZO(g,h,i)PERYLENE mg/kg	-	< 0.2	< 0.5	< 1
INDENO(l,2,3-cd)PYRENE mg/kg	-	< 0.2	< 0.5	< 1
PHENANTHRENE, PYRENE, ANTHRACENE, FLUORANTHENE mg/kg	-	<1 sum	< 10 sum	< 50 sum
NAPHTHALENE mg/kg	-	< 1	< 2	< 10
Sum 15 PAH mg/kg	-	< 1	< 10	< 50

REACH Annex XVII PAH: http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32013R1272&from=EN
GS mark PAH: https://www.baua.de/DE/Aufgaben/Geschaeftsfuehrung-von-Ausschuessen/AfPS/pdf/AfPS-GS-2019-01-PAK-EN.pdf?__blob=publicationFile&v=4

*1: Because GS categories 1, 2 and 3 mean those as EIZO products, if the category is not clear, please contact EIZO engineers. In addition, we may ask our suppliers to submit analysis data by an analysis institution certified with ISO17025 to certify conformance with PAH requirements

6. Environmental Survey and the EIZO-designated Forms

We ask our suppliers to answer surveys on environmental information and chemical substances for parts, materials and parts purchased as finished products with the use of the following forms.

6-1. Survey on Environmental Information

The survey is conducted with the use of EIZO MIS File Ver.2.1 or later. The EIZO MIS File aims to provide the non-containing declaration of legally prohibited substances in different countries, and also to provide the declaration of conformity and necessary information for the requirements of environmental standards related to our products.

Please review the information in Table 3 below for each EIZO item number when components or materials are to be adopted by EIZO. Include the results of this review in the EIZO MIS File and submit it electronically. Note that up to 100 items may be submitted as a single data file when multiple components are covered by a single EIZO delivery specification—for example, in the case of series components.

6-1-1. Survey Items

Please refer to Table 3 for detailed information on EIZO MIS File survey items. The document entitled "EIZO MIS File/chemSHERPA-AI File Manual (RD-063*)" available on the EIZO website provides detailed information on how to use and complete the files.

(https://www.eizoglobal.com/company/csr/promise2/tool/greenprocurement.html)

[Table 3] EIZO MIS file survey items

Requirement Item	Target Items and Criteria for Determination	Answer Choices
Prohibited substances	<Target Item> : All items delivered to EIZO <Target Substances> : Substances listed in [Table 2-1] <Criteria for Determination> : It is “Conformity” if the target item meets the "Criteria" in [Table 2-1], otherwise “Non-conformity”.	Select from: - Conformity - Non-conformity
REACH (SVHC)	<Target Item> : All items delivered to EIZO <Target Substances> : Substances listed in the Candidate List of SVHC for Authorization (See the website below) http://echa.europa.eu/web/guest/candidate-list-table Cover all the declarable substances of the valid version of chemSHERPA to be submitted together. <Criteria for Determination> : It is “Not contained” if the target item does not contain the target substances above 1000 ppm in all articles. In cases other than the above, and if some of the “Contained” substance are not included in the Authorization List of REACH Annex XIV (See the website below), it is "Contained (including A)". https://echa.europa.eu/authorisation-list If none of the above applies, it is "Contained (C only)". Note: Report the concrete content condition of the substances with chemSHERPA's “Composition” and “Compliance” sheets. *article: The interpretation of "article" has been revised by the judgement of the European Court of Justice in September 2015. Please report based on chemSHERPA version 2.0 or later that supports the new interpretation.	Select from: - Not contained - Contained(C only) - Contained (including A)
Proposition 65	<Target Item> : All items delivered to EIZO except the followings; - Printed wiring boards, inner wiring harnesses, and parts for mounting on printed wiring boards <Target Substances> : Substances listed in [Table 5-1] <Criteria for Determination> : It is “Not contained” if the target item meets the "Criteria" in [Table 5-1], “Contained” if not. If the item is not the “Target item”, it is “Not applicable”. In the case of items consisting of multiple materials, if one material is inside of other materials and does not face outside, containment to the material does not apply. Note: When it is “Contained”, enter the content, concentration, and location in the table. Mandatory fields are noted with an asterisk (*).	Select from: - Not contained - Contained - Not applicable In addition, enter necessary information
EIZO Environmental Requirements	<Target Item> : All items delivered to EIZO <Criteria for Determination> : It is “Conformity” if the target item meets the "Criteria" in Section 6-1-2, otherwise “Non-conformity”. In the case of "Non-conformity", enter the requirement number and the reason for the “Non-conformity” in the "additional information (comment)" column at the MIS.	Select from: - Conformity - Non-conformity

Requirement Item	Target Items and Criteria for Determination	Answer Choices
Beryllium	<Target Item> : All items delivered to EIZO <Criteria for Determination> : It is "Not contained" if a homogeneous material does not contain more than 1000 ppm of beryllium, otherwise "Contained". Beryllium in compounds also applies.	Select from: - Not contained - Contained
Additives (Flame retardants / Plasticizers)	<Target Item> : Items 1 to 3 below, or items including 1 to 3 below 1. Plastic part (only parts for product housing are 0.5g or more, and other parts are 25g or more) 2. Printed wiring board 3. Electrical cable and wire (power cord, external signal cable, wiring harness, FFC and others) <Criteria for Determination> : It is "Not contained" if the plastic of the target item does not contain substances for flame retardant / plasticizer applications above 1000 ppm, otherwise "Contained". It is “Not applicable”, if the item is not the “Target item”. Note: When it is “Contained”, enter the information on the additives (flame retardant / plasticizer) according to the description example in the table. Mandatory fields are noted with an asterisk (*). "GS Benchmark": Select the benchmark value of the additive substance based on the GreenScreen assessment (see the URL below or the TCO certified accepted substances list below). https://tcocertified.com/updates-and-changes/benchmarking-chemicals-with-greenscreen-in-tco-certified/ "Listed in TCASL": Select whether the additive substance is listed on the TCO Certified Accepted Substance List (TCASL: see the following URL). https://tcocertified.com/accepted-substance-list/	Select from: - Not contained - Contained - Not applicable In addition, enter necessary information
Batteries / Accumulators	<Target Item> : All items delivered to EIZO <Criteria for Determination> : If the target item has built-in batteries or accumulators, or if it is a battery or accumulator itself, select "Applicable", otherwise select "Not applicable" in the right column.	Select from: - Not applicable - Applicable
Red Phosphorus	<Target Item> : All items including plastic delivered to EIZO <Criteria for Determination> : It is "Not contained", if there is no intentional red phosphorus content in the plastic of the target item, otherwise "Contained". It is “Not applicable”, if the item is not the “Target item” (does not include plastic). Note: When it is “Contained”, enter the information on the Red Phosphorus according to the description example in the table. Mandatory fields are noted with an asterisk (*).	Select from: - Not contained - Contained - Not applicable In addition, enter necessary information

6-1-2. Additional Requirements (EIZO Environmental Requirements)

The EIZO Environmental Requirements contain additional individual requirements on prohibited substances and material labeling for each part category to meet the environmental standards that apply to EIZO products. If the item corresponds to more than one category, or if it contains parts of more than one category, it is all subject to require.

All components supplied to EIZO must comply with the EIZO Environmental Requirements as a general rule.

[Table 4-1] EIZO Environmental Requirements: A. “Flat Panel Display Module”

No.	Requirements
A1	Plastic parts weighing 25 g or more (except for optical parts) shall be recyclable materials.
A2	Plastic parts weighing 25 g or more shall not contain halogenated polymers or halogenated organic compounds. However, 0.5% or less of fluoride additive for a characteristic improvement is excluded.
A3	Plastic parts of 25 g or more shall not contain substances classified as 1A or 1B of carcinogenic, mutagenic or reproductively toxic category according to EU CLP Regulation (EC) No. 1272/2008.
A4	Plastic parts shall not be metallized or contain molded-in or glued metal parts, except for metal inserts that is separable by cutting, pulverizing or otherwise breaking down the part with common tools.
A5	Plastic parts weighing 25 g or more shall be labeled according to ISO 11469, ISO 1043-1, -2, -3, and -4. Optical components etc, having difficulties to label are excluded. For the light guide, the coding shall be labeled outside the module unit.
A6	For all plasticizers used in all the plastic part and all flame retardants used in the plastic parts weighing 25 g or more, benchmark values based on GreenScreen assessment shall be described in the MIS file. For a list of flame retardants and plasticizers for benchmark 2 and higher, see the latest TCO Certified Accepted Substance List published at https://tcocertified.com/accepted-substance-list/. For flame retardants and plasticizers for which the benchmark has not been decided, enter U (Unspecified). If the EIZO development department or procurement department specifies a benchmark, follow the specification.
A7	For all flame retardants and plasticizers used in plastic parts weighing 25 g or more, the addition method (additive or reactive) and material type (brominated or phosphorus etc.) shall be described in the MIS file. If the EIZO development department or procurement department specifies addition method or material type of additives, follow the specification.
A8	The light source shall not contain any mercury.
A9	It shall not contain cadmium above the standard value. (Standard value: 100 ppm or less in homogeneous material, not applicable to any RoHS exemption)
A10	For each constituent material weighing 10 g or more, the main substances (contained by 10% or more, and which also include substances other than the declarable substances of chemSHERPA) shall be reported with chemSHERPA.

[Table 4-2] EIZO Environmental Requirements: B. “Printed Wiring Board”

No.	Requirements
B1	For all flame retardants used in the item, benchmark values based on GreenScreen assessment shall be described in the MIS file. For a list of flame retardants for benchmark 2 and higher, see the latest TCO Certified Accepted Substance List published at https://tcocertified.com/accepted-substance-list/. For flame retardants for which the benchmark has not been decided, enter U (Unspecified). If the EIZO development department or procurement department specifies a benchmark, follow the specification.
B2	For all flame retardants used in the item, the addition method (additive or reactive) and material type (brominated or phosphorus etc.) shall be described in the MIS file.
B3	For a halogen-free product designated by The EIZO development department or procurement department, an analytical test report shall be attached to the delivery specifications to show that the content of bromine and chlorine is below the threshold.
B4	It shall not contain cadmium above the standard value. (Standard value: 100 ppm or less in homogeneous material, not applicable to any RoHS exemption)

[Table 4-3] EIZO Environmental Requirements: C. “Electrical cable and wire (power cord, external signal cable, wiring harness)”

No.	Requirements
C1	For all plasticizers used in all plastic parts and all flame retardants used in plastic parts of 25g or more, benchmark values based on GreenScreen assessment shall be described in the MIS file. For a list of flame retardants and plasticizers for benchmark 2 and higher, see the latest TCO Certified Accepted Substance List published at https://tcocertified.com/accepted-substance-list/. For flame retardants and plasticizers for which the benchmark has not been decided, enter U (Unspecified). If the EIZO development department or procurement department specifies a benchmark, follow the specification. In addition, the declaration of the plasticizer used (EIZO format) shall be attached to the delivery specifications of the power codes or external signal cables.

No.	Requirements
C2	It shall not contain cadmium above the standard value. (Standard value: 100 ppm or less in homogeneous material, not applicable to any RoHS exemption)
C3	For each constituent material weighing 10 g or more, the main substances (contained by 10% or more, and which also include substances other than the declarable substances of chemSHERPA) shall be reported with chemSHERPA.

[Table 4-4] EIZO Environmental Requirements: D. “General Electrical and Electronic parts”

No.	Requirements
D1	It shall not contain cadmium above the standard value. (Standard value: 100 ppm or less in homogeneous material, not applicable to any RoHS exemption)

[Table 4-5] EIZO Environmental Requirements: E. “Batteries and Accumulators”

No.	Requirements
E1	Accumulators used for the power supply shall have a capacity to withstand at least 500 charge/discharge cycles.
E2	[Japan model only] Compact rechargeable batteries shall be marked according to identification guidelines for compact rechargeable batteries set by the Battery Association of Japan.
E3	Accumulators incorporated in the delivered product can be safely separated without tools or with general tools, and information on the separation method can be provided.
E4	Batteries and accumulators shall be appropriately labeled according to the Battery Directive (2006/66/EC).

[Table 4-6] EIZO Environmental Requirements: F. “Plastic Parts”

No.	Requirements
F1	The product shall be composed of recyclable materials.
F2	Plastic parts weighing 0.5g or more used for the exterior of EIZO products*1 and plastic parts weighing 25 g or more shall not contain halogenated polymers or halogenated organic compounds. However, 0.5% or less of fluoride additive for a characteristic improvement is excluded.
F3	Plastic parts of 25 g or more shall not contain substances classified as 1A or 1B of carcinogenic, mutagenic or reproductively toxic category according to EU CLP Regulation (EC) No. 1272/2008.
F4	Plastic parts weighing 25 g or more shall be labeled according to ISO 11469, ISO 1043-1, -2, -3, and -4. Optical components etc, having difficulties to label are excluded.
F5	For all plasticizers used in all the plastic part and all flame retardants used in the plastic parts weighing 0.5g or more used for the exterior of EIZO products*1 and plastic parts weighing 25 g or more, benchmark values based on GreenScreen assessment shall be described in the MIS file. For a list of flame retardants and plasticizers for benchmark 2 and higher, see the latest TCO Certified Accepted Substance List published at https://tcocertified.com/accepted-substance-list/. For flame retardants and plasticizers for which the benchmark has not been decided, enter U (Unspecified). If the EIZO development department or procurement department specifies a benchmark, follow the specification.
F6	For all flame retardants used in plastic parts weighing 25 g or more, the addition method (additive or reactive) and material type (brominated or phosphorus etc.) shall be described in the MIS file. If the EIZO development department or procurement department specifies addition method or material type of additives, follow the specification.
F7	For each constituent material weighing 10 g or more, the main substances (contained by 10% or more, and which also include substances other than the declarable substances of chemSHERPA) shall be reported with chemSHERPA.

*1: If the location where the parts are used is unclear, please check with the department in charge of EIZO.

[Table 4-7] EIZO Environmental Requirements: G. “Metal Parts”

No.	Requirements
G1	Metallic materials used in the parts are recyclable. (This section applies only to single metal parts such as sheet metal parts)
G2	It shall not contain cadmium above the standard value. (Standard value: 100 ppm or less in homogeneous material, not applicable to any RoHS exemption)
G3	For each constituent material weighing 10 g or more, the main substances (contained by 10% or more, and which also include substances other than the declarable substances of chemSHERPA) shall be reported with chemSHERPA.

[Table 4-8] EIZO Environmental Requirements: H. “Printed Matters” (Including unprinted printing paper and labels)

No.	Requirements
H1	The user manual (including ancillary materials such as setup guides) shall be printed on chlorine-free bleached.

[Table 4-9] EIZO Environmental Requirements: I. “Packaging Materials”
(Excluding packaging used to ship parts from suppliers to EIZO.)

No.	Requirements
I1	Packaging materials shall be labeled according to the EU Commission decision 97/129/EC. Regarding the details of the design including the recycling symbol, what to do if it is a plain product without printing or molding process, or if it is difficult to label due to surface area, shape, or material, check with The EIZO development department or procurement department and follow the specifications.
I2	Paper (excluding corrugated cardboard) and plastic packaging materials shall be labeled according to the Law for Promotion of Effective Utilization of Resources. If it is plain product without printing or molding process, or if it is difficult to label due to surface area, shape, or material, check with The EIZO development department or procurement department and follow the specifications.
I3	Packaging materials shall be composed of or easily separable into distinct recyclable materials.
I4	Cardboard, cartons and molded pulp shall incorporate at least 85% waste paper.
I5	Plastic packaging materials shall be free of halogenated polymers and halogenated organic polymers.
I6	Bleaching shall be chlorine free (ECF or TCF).
I7	For each constituent material weighing 10 g or more, the main substances (contained by 10% or more, and which also include substances other than the declarable substances of chemSHERPA) shall be reported with chemSHERPA.

[Table 4-10] EIZO Environmental Requirements: J.“Other parts (other than A to I above) ”

No.	Requirements
J1	It shall not contain cadmium above the standard value. (Standard value: 100 ppm or less in homogeneous material, not applicable to any RoHS exemption)
J2	For each constituent material weighing 10 g or more, the main substances (contained by 10% or more, and which also include substances other than the declarable substances of chemSHERPA) shall be reported with chemSHERPA.

6-2. Survey on Chemical Substances

The survey is conducted with the use of chemSHERPA-AI. The chemSHERPA-AI is a chemical substances survey form operated by Joint Article Management Promotion-consortium (JAMP), and aims to ensure proper management of information on chemical substances contained in articles (parts and final products), and to popularize a concrete mechanism for smooth disclosure and transmission of such information in supply chains.

Please fill in the material composition and the chemical substance content for each EIZO item number according to the chemSHERPA-AI file and submit it as electronic data, when components or materials are to be adopted by EIZO.

Please report on the content information of chemSHERPA's declarable substances (see the list of declarable substances included in the chemSHERPA tool). In particular, for substances listed in the Candidate List of SVHC for Authorization, which are updated once a half year, please submit a compatible version with the declarable substances. Also, please note that we cannot accept an invalid version of chemSHERPA at the time of parts approval.

The document entitled "EIZO MIS File/ chemSHERPA-AI File Manual (RC062-063)" available on the EIZO website and on the chemSHERPA website gives detailed information on how to complete the file.

(EIZO website: https://www.eizoglobal.com/company/csr/promise2/tool/greenprocurement.html)

(chemSHERPA website: https://chemsherpa.net/english)

6-2-1. Additional Requirements (Chemical substance survey)

Please report information on major constituents (including substances for optional reporting) for materials over 10g in Flat Panel Display Module, Electrical cable and wire (power cord, external signal cable, wiring harness), metal parts, plastic parts, stands and packaging materials with chemSHERPA-AI.

(Example 1) In the case of steel plate

Substance				Optional reporting
Substance	CAS No.	Maximum content rate per materials(%)	Remarks	
Iron	7439-89-6	98		☑
Manganese	7439-96-5	0.5		☑

(Example 2) In the case of plastic parts

Substance				Optional reporting
Substance	CAS No.	Maximum content rate per materials(%)	Remarks	
ABS	9003-56-9	80		☑

(Example 3) In the case of a cardboard box

Substance				Optional reporting
Substance	CAS No.	Maximum content rate per materials(%)	Remarks	
Cellulose	9004-34-6	90		☑

In addition, including parts and materials other than those mentioned above, please report substances that are intentionally added or contained in excess of 1000ppm as optional reporting substances as much as possible, even if they are not chemSHERPA declarable substances.

6-3. Submission of Analytical Data

Please periodically create the analytical data of parts based on the provisions of IEC62321 to demonstrate that the concentration of the prohibited substances of the RoHS directive is not more than the threshold value. Please provide them to us upon request.

7. Internal Management of Suppliers

7-1. Chemical substance management system

We request suppliers to establish and operate a chemical substance management system that includes the followings.

- Setting of organizational roles and responsible persons for chemical substance management

- Implementation of necessary environmental education for workers who may have an impact on the environment

- Establishment of rules for chemical substance management including acquisition of chemical substance information from your suppliers

- Disclosure of chemical substances and environmental information based on the EIZO Green Procurement Standards

- Implementation of risk assessment of contamination with regulated substances and appropriate contamination prevention.

- Trace management of delivered products to EIZO and, procured components and materials from your suppliers.

- Request and conform of chemical substance management implementation to your suppliers
- Understanding and maintaining the latest version of EIZO Green Procurement Standards

7-2. Identification Management of Parts Containing Prohibited Chemical Substances

If non-conformance on prohibited chemical substances such as RoHS non-conformance occurs with parts or products to be delivered to EIZO, we request the supplier separates non-conforming items from the acceptable items to prevent mixing. In addition, if a supplier discovers that it has delivered parts or products that are not in conformance the supplier shall notify us promptly and take appropriate actions with us through mutual consultation.

8. Address for File and Document Submission

“EIZO MIS File” and “chemSHERPA-AI File”

Please prepare a response to the above files in the electronic data file and submit it to the contact person of our development department who requested your cooperation in this survey.

“Analytical Data of chemical substances”

Submission procedures will be announced separately when we request it.

We ask final manufacturers or assemblers of the relevant part to complete and submit these files pertaining to the design, manufacture, and assembly of the part. We ask merchandising companies and distributors either to request the final manufacturing or the assembling company of the product to complete these files, or to take responsibility for conducting and responding to the survey.

[Table 5-1] Substances for Proposition 65

Main application	Substances	CAS#	Criteria
General	Indium tin oxide	50926-11-9	No more than 0.1% by weight (1000 ppm) of any material
General	Lead and Lead Compounds	-	No more than 0.009% (90 ppm) of any material
General	Bisphenol A (BPA)	80-05-7	No more than 0.0003% (3 ppm) of any material
Phthalate plasticisers	Diisononyl phthalate (DiNP)	28553-12-0, 68515-48-0	No intentionally added content
Phthalate plasticisers	Di-isodecyl phthalate (DIDP)	68515-49-1, 26761-40-0	No intentionally added content
Phthalate plasticisers	Di-n-hexyl phthalate (DnHP)	84-75-3	No intentionally added content
Flame retardants and plasticisers	Tris(1,3-dichloro-2-propyl) Phosphate (TDCPP)	13674-87-8	No more than 0.0025% by weight (25 ppm) of any material
Flame retardants and plasticisers	Tris(2-chloroethyl) Phosphate	115-96-8	No more than 0.0025% by weight (25 ppm) of any material
Flame retardants and plasticisers	Tris(2,3-dibromopropyl)phosphate	126-72-7	No more than 0.0025% by weight (25 ppm) of any material
Flame retardants	Molybdenum Trioxide	1313-27-5	No more than 0.1% by weight (1000 ppm) of any material
Flame retardants	Antimony Oxide (Antimony trioxide)	1309-64-4	No more than 0.1% by weight (1000 ppm) of any material
Flame retardants	Tetrabromobisphenol A	79-94-7	No more than 0.1% by weight (1000 ppm) of any material
Flame retardants	2,2-Bis(bromomethyl)-1,3-propanediol	3296-90-0	No more than 0.1% by weight (1000 ppm) of any material
Flame retardants	Mirex	2385-85-5	No more than 0.1% by weight (1000 ppm) of any material
UV protection agents	Benzophenone	119-61-9	No more than 0.1% by weight (1000 ppm) of any material
Colourants	Benzidine-based Dyes	Refer the [Table 5-2]	No more than 0.1% by weight (1000 ppm) of any material
Colourants	3,3'-Dimethoxybenzidine-based dyes metabolized to 3,3'-dimethoxybenzidine (known as DMOB-based dyes)	Refer the [Table 5-3]	No more than 0.1% by weight (1000 ppm) of any material
Colourants	3,3'-Dimethylbenzidine-based dyes metabolized to 3,3'-dimethylbenzidine (known as DMB-based dyes)	Refer the [Table 5-4]	No more than 0.1% by weight (1000 ppm) of any material
Colourants	D&C Orange No. 17	3468-63-1	No more than 0.1% by weight (1000 ppm) of any material
Colourants	1-Amino-2,4-dibromoanthraquinone	81-49-2	No more than 0.1% by weight (1000 ppm) of any material
Colourants	1-Amino-2-methylanthraquinone	82-28-0	No more than 0.1% by weight (1000 ppm) of any material
Colourants	Direct Blue 6 (Technical Grade)	2602-46-2	No more than 0.1% by weight (1000 ppm) of any material
Colourants	Direct Brown 95 (Technical Grade)	16071-86-6	No more than 0.1% by weight (1000 ppm) of any material
Colourants	Disperse Blue 1	2475-45-8	No more than 0.1% by weight (1000 ppm) of any material
Impurities in extender oils and black colourants	Naphthalene	91-20-3	No more than 0.0001% by weight (1 ppm) of any material

[Table 5-2] non-exhaustive list of Benzidine-based dyes

CAS#	Substance name	Colour Index name or acronym
1937-37-7	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate	Direct Black 38
6358-57-2	Disodium 3-[[2,2'-dimethyl-4'-[[4-[[(p-tolyl)sulphonyl]oxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-4-hydroxynaphthalene-2,7-disulphonate	Acid Red 111
3701-40-4	2,7-Naphthalenedisulfonic acid, 4-hydroxy-3-[[4′ -[(2-hydroxy-1-naphthalenyl)azo]-2,2′ -dimethyl[1,1′ -biphenyl]-4-yl]azo], disodium salt	Acid Red 99
6459-94-5	1,3-Naphthalenedisulfonic acid, 8-[[3,3′ -dimethyl-4′ -[[4-[[(4-methylphenyl)sulfonyl]oxy]phenyl]azo][1,1′ -biphenyl]-4-yl]azo]-7-hydroxy-, disodium salt	Acid Red 114
6470-20-8	[1,1′ -Biphenyl]-2,2′ -disulfonic acid, 4-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H -pyrazol-4-yl)azo]-4′ -[(2-hydroxy-1-naphthalenyl)azo]-, disodium salt	Acid Orange 56
6548-30-7	1,3-Naphthalenedisulfonic acid, 8-[[3,3′ -dimethoxy-4′ -[[4-[[(4-methylphenyl)sulfonyl]oxy]phenyl]azo][1,1′ -biphenyl]-4-yl]azo]-7-hydroxy-, disodium salt	Acid Red 128
68318-35-4	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4′ -[(2,4-dihydroxyphenyl)azo]-3,3′ -dimethyl[1,1′ -biphenyl]-4-yl]azo]-5-hydroxy-6-[(4-sulfophenyl)azo]-, trisodium salt	Acid Black 209
68400-36-2	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-6-[[4′ -[(4-hydroxyphenyl)azo]-3,3′ -dimethyl[1,1′ -biphenyl]-4-yl]azo]-3-[(4-nitrophenyl)azo]-, disodium salt	NAAHD
83221-63-0	2,7-Naphthalenedisulfonic acid, 4-amino-3-[[4′ -[(2,4-diaminophenyl)azo]-2,2′ -disulfo[1,1′ -biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)-, sodium salt	NAADD
89923-60-4	Benzenesulfonic acid, 3,3′ -[(2,2′ -dimethyl[1,1′ -biphenyl]-4,4′ -diyl)bis[azo(4,5-dihydro-3-methyl-5-oxo-1 H-pyrazole-4,1-diyl)]]bis[4-chloro-, disodium salt	BADB
10169-02-5	[1,1′ -Biphenyl]-2,2′ -disulfonic acid, 4,4′ -bis[(2-hydroxy-1-naphthalenyl)azo]-, disodium salt	Acid Red 97
72-57-1	2,7-Naphthalenedisulfonic acid, 3,3′ -[(3,3′ -dimethyl[1,1′ -biphenyl]-4,4′ -diyl)bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt	Direct Blue 14
573-58-0	1-Naphthalenesulfonic acid, 3,3′ -[[1,1′ -biphenyl]-4,4′ -diylbis(azo)]bis[4-amino-, disodium salt	Direct Red 28
992-59-6	1-Naphthalenesulfonic acid, 3,3′ -[(3,3′ -dimethyl[1,1′ -biphenyl]-4,4′ -diyl)bis(azo)]bis[4-amino-, disodium salt	Direct Red 2
2150-54-1	2,7-Naphthalenedisulfonic acid, 3,3′ -[(3,3′ -dimethyl[1,1′ -biphenyl]-4,4′ -diyl)bis(azo)]bis[4,5-dihydroxy-, tetrasodium salt	Direct Blue 25
2429-71-2	1-Naphthalenesulfonic acid, 3,3′ -[(3,3′ -dimethoxy[1,1′ -biphenyl]-4,4′ -diyl)bis(azo)]bis[4-hydroxy-, disodium salt	Direct Blue 8
2429-74-5	2,7-Naphthalenedisulfonic acid, 3,3′ -[(3,3′ -dimethoxy[1,1′ -biphenyl]-4,4′ -diyl)bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt	Direct Blue 15

CAS#	Substance name	Colour Index name or acronym
6420-06-0	1-Naphthalenesulfonic acid, 4-hydroxy-3-[[4′ -[(1-hydroxy-5-sulfo-2-naphthalenyl)azo]-3,3′ -dimethyl[1,1′ -biphenyl]-4-yl]azo]-, disodium salt	Direct Violet 28
6420-22-0	2,7-Naphthalenedisulfonic acid, 5-amino-3-[[4′ -[(6-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-3,3′ -dimethyl[1,1′ -biphenyl]-4-yl]azo]-4-hydroxy-, trisodium salt	Direct Blue 295
6449-35-0	1-Naphthalenesulfonic acid, 3-[[4′ -[(6-amino-1-hydroxy-3-sulfo-2-naphthalenyl)azo]-3,3′ -dimethoxy[1,1′ -biphenyl]-4-yl]azo]-4-hydroxy-, disodium salt	Direct Blue 151
6548-29-4	2,7-Naphthalenedisulfonic acid, 4,4′ -[(3,3′ -dichloro[1,1′ -biphenyl]-4,4′ -diyl)bis(azo)]bis[3-amino-, tetrasodium salt	Direct Red 46
6655-95-4	Acetic acid, 2,2′ -[[4,4′ -bis[[1-hydroxy-6-[(4-methoxyphenyl)amino]-3-sulfo-2-naphthalenyl]azo][1,1′ -biphenyl]-3,3′ -diyl]bis(oxy)]bis-, tetrasodium salt	Direct Blue 158
16071-86-6	Cuprate(2–), [5-[[4′ -[[2,6-dihydroxy-3-[(2-hydroxy-5-sulfophenyl)azo]phenyl]azo][1,1′ -biphenyl]-4-yl]azo]-2-hydroxybenzoato(4-)]-, disodium	Direct Brown 95
67923-89-1	2,7-Naphthalenedisulfonic acid, 5-amino-4-hydroxy-3-[[4′ -[(1-hydroxy-4-sulfo-2-naphthalenyl)azo]-3,3′ -dimethoxy[1,1′ -biphenyl]-4-yl]azo]-, trilithium salt	NAAH· 3Li
70210-28-5	Benzoic acid, 5-[[4′ -[[6-amino-5-(1H -benzotriazol-5-ylazo)-1-hydroxy-3-sulfo-2-naphthalenyl]azo]-3,3′ -dimethoxy[1,1′ -biphenyl]-4-yl]azo]-2-hydroxy-4-methyl-, disodium salt	BABHS
71215-83-3	Benzoic acid, 5-[[4′ -[(2-amino-8-hydroxy-6-sulfo-1-naphthalenyl)azo]-2,2′ -dichloro[1,1′ -biphenyl]-4-yl]azo]-2-hydroxy-, disodium salt	BAHSD
71550-22-6	2,7-Naphthalenedisulfonic acid, 3,3′ -[(3,3′ -dimethoxy[1,1′ -biphenyl]-4,4′ -diyl)bis(azo)]bis[5-amino-4-hydroxy-, tetralithium salt	NADB· 4Li
72252-59-6	[1,1′ -Biphenyl]-3,3′ -dicarboxylic acid, 4-[[5-[[5-(aminosulfonyl)-2-hydroxyphenyl]azo]-1-hydroxy-6-(phenylamino)-3-sulfo-2-naphthalenyl]azo]-4′ -[[1-[[(3-carboxy-4-hydroxyphenyl)amino]carbonyl]-2-oxopropyl]azo]-, tetrasodium salt	BDAAH
75659-72-2	2,7-Naphthalenedisulfonic acid, 3,3′ -[(3,3′ -dimethoxy[1,1′ -biphenyl]-4,4′ -diyl)bis(azo)]bis[5-amino-4-hydroxy-, monolithium trisodium salt	NADB· Li· 3Na
75659-73-3	2,7-Naphthalenedisulfonic acid, 3,3′ -[(3,3′ -dimethoxy[1,1′ -biphenyl]-4,4′ -diyl)bis(azo)]bis[5-amino-4-hydroxy-, dilithium disodium salt	NADB· 2Li· 2Na
75673-18-6	2,7-Naphthalenedisulfonic acid, 5-amino-4-hydroxy-3-[[4′ -[(1-hydroxy-4-sulfo-2-naphthalenyl)azo]-3,3′ -dimethoxy[1,1′ -biphenyl]-4-yl]azo]-, monolithium disodium salt	NAAH· Li· 2Na
75673-19-7	2,7-Naphthalenedisulfonic acid, 5-amino-4-hydroxy-3-[[4′ -[(1-hydroxy-4-sulfo-2-naphthalenyl)azo]-3,3′ -dimethoxy[1,1′ -biphenyl]-4-yl]azo]-, dilithium monosodium salt	NAAH· 2Li· Na
75673-34-6	1-Naphthalenesulfonic acid, 3,3′ -[(3,3′ -dimethoxy[1,1′ -biphenyl]-4,4′ -diyl)bis(azo)]bis[4-hydroxy-, dilithium salt	NADB· 2Li
75673-35-7	1-Naphthalenesulfonic acid, 3,3′ -[(3,3′ ′ -dimethoxy[1,1′ -biphenyl]-4,4′ -diyl)bis(azo)]bis[4-hydroxy-, monolithium monosodium salt	NADB· Li· Na

CAS#	Substance name	Colour Index name or acronym
75752-17-9	2,7-Naphthalenedisulfonic acid, 3,3′-[(3,3′-dimethoxy[1,1′-biphenyl]-4,4′-diyl)bis(azo)]bis[5-amino-4-hydroxy-, trilithium monosodium salt	NADB· 3Li· Na
298-83-9	2H-Tetrazolium, 3,3′-(3,3′-dimethoxy[1,1′-biphenyl]-4,4′-diyl)bis[2-(4-nitrophenyl)-5-phenyl-, dichloride	TDBPD
1871-22-3	2H-Tetrazolium, 3,3′-(3,3′-dimethoxy[1,1′-biphenyl]-4,4′-diyl)bis[2,5-diphenyl-, dichloride	TDBD
91-92-9	2-Naphthalenecarboxamide, N,N′-(3,3′-dimethoxy[1,1′-biphenyl]-4,4′-diyl)bis[3-hydroxy-	Naphthol AS-BR
93940-21-7	1-Triazene-1-carbonitrile, 3,3′-(3,3′-dimethoxy[1,1′-biphenyl]-4,4′-diyl)bis-	TCDB
91-97-4	1,1′-Biphenyl, 4,4′-diisocyanato-3,3′-dimethyl-	TODI
119-90-4	[1,1′-Biphenyl]-4,4′-diamine, 3,3′-dimethoxy-	3,3′-DMOB
119-93-7	[1,1′-Biphenyl]-4,4′-diamine, 3,3′-dimethyl-	3,3′-DMB
366-29-0	[1,1′-Biphenyl]-4,4′-diamine, N,N,N′,N′-tetramethyl-	4N-TMB
612-82-8	1,1′-Biphenyl]-4,4′-diamine, 3,3′-dimethyl-, dihydrochloride	3,3′-DMB· 2HCl

[Table 5-3] non-exhaustive list of DMOB-based dyes

CAS#	Substance name	Colour Index name or acronym
20325-40-0	3,3′-Dimethoxybenzidine dihydrochloride	Fast Blue B
3841-14-3	6,6'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-amino-5-hydroxynaphthalene-1,3-disulphonic] acid	Direct Blue 1
2429-71-2	1-naphthalenesulfonicacid,3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(	Direct Blue 8
4198-19-0	Tetrasodium 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4,5-dihydroxynaphthalene-2,7-disulphonate]	Direct Blue 10
2429-74-5	3,3'-[(3,3'-Dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-2,7-naphthalenedisulfonic acid tetrasodium salt	Direct Blue 15
6428-94-0	4-amino-3-((4'-((1-hydroxy-4-sulfo-2-naphthalenyl)azo)-3,3'-dimethoxy(1,1'-biphenyl)-4-yl)azo)-1-naphthalenesulfonic acid disodium salt	Direct Violet 32
61703-05-7	Direct Black 114	Direct Black 114

[Table 5-4] non-exhaustive list of DMB-based dyes

CAS#	Substance name	Colour Index name or acronym
612-82-8	3,3'-Diimethyl-[1,1'-biphenyl]-4,4' diamine dihydrochloride	o-Tolidine dihydrochloride
6459-94-5	8-((3,3'-dimethyl-4'-((4-(((4-methylphenyl)sulfonyl)oxy)phenyl)azo)(1,1'-biphenyl)-4-yl)azo)-7-hydroxy-1,3-naphthalenedisulfonic acid disodium salt	Acid Red 114
992-59-6	Benzopurpurine 4B	Direct Red 2
72-57-1	3,3'-Dimethyl-4,4'-bis(5-amino-4-hydroxy-2,7-disulfonaphthyl-3-azo)-[1,1'-biphenyl] tetrasodium salt	Trypan blue
314-13-6	Evan's blue	Direct Blue 53
2150-54-1	Tetrasodium 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4,5-dihydroxynaphthalene-2,7-disulphonate]	Direct Blue 25
6358-29-8	1, 8-[[4'-[(4-ethoxyphenyl)azo]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]azo]-7-hydroxy-, disodium salt	Direct Red 39
6637-88-3	Benzoic acid, 5-[2-[4'-[2-(2,6-diamino-3-methyl-5-sulfophenyl)diazenyl]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]diazenyl]-2-hydroxy-, sodium salt (1:2)	Direct Orange 6, disodium salt

Revision History

Version	Revision Date	Overview of Revised Contents
A	May 1, 2004	- Established.
B	May 25, 2004	- Corrected: Erroneous description in “Survey on Environment Conservation Practices.” - Revised: Explanation in “EIZO Standard soldering condition.”
C	June 28, 2004	- Revised: “Environmental Policy”
D	July 20, 2004	- Added: Reliability items in “EIZO Standard soldering condition.”
E	March 7, 2006	- Revised: Harmonization of threshold value in RoHS. - Added: Examples of RoHS exemption. - Revised: Descriptions in figure of JGP-format. - Added: Wave soldering condition in “EIZO Standard soldering condition.”
F	November 10, 2006	- Deleted: “Declaration of RoHS Compliance” and “Plan for RoHS Compliance” from “Survey on Environment Conservation Practices.”
G	January 19, 2007	- Revised: Entry process in “Survey of Chemical Substances.”
H	January 22, 2008	- Added: Respond to PFOS.
J	March 28, 2008	- Added: Moisture Sensitivity Level in “EIZO Standard soldering condition.”
K	September 1, 2008	- Revised: “Information for TCO’03” to “Material Information” considering EPEAT.
L	June 18, 2010	- Revised: “Survey on Environment Conservation Practices.” - Wholly-revised: This standard by the change of “JGP + MI (Material Information)” to “AIS + MIS (Material Information Sheet).”
M	December 10, 2012	- Revised: The title of this standard to “EIZO Green Procurement Standards.” Revised “Eizo Nanao” to “EIZO” in the entry formats. - Added: DBT and DOT in the list of prohibited chemical substances. - Revised: “Table 2” to “Table 2-1” and a part of threshold value. - Added: “Table 2-2: RoHS Exemption List” - Revised: “Survey on Environment Conservation Practices” from Ver. E to Ver. F. - Deleted: “and resurveying approximately every two years afterward” in section 5-1-3. - Revised: MIS file from Ver.1.0 to Ver.1.1. - Revised: AIS file from Ver.3.1 to Ver.4.0. - Revised: Submission term of MIS/AIS to “the specified date.” - Revised: URL of download page on MIS/AIS. - Revised: A part of contents about EU RoHS and SVHC in Table 3: EIZO MIS file survey items. - Revised: “Table 5-1” – “Table 5-7”, by the addition of prohibited substances on Risk Phrases, HBCDD and PAH, and deletion of IARC level 2B. - Deleted: “EIZO Standard soldering condition.” (However, it is continuously operated in the future)
N	April 1, 2013	- Change of company name. Eizo Nanao Corporation → EIZO Corporation
P	October 1, 2014	- Revised: Document number from RD-053N to RC02-053P. - Revised: MIS file from Ver.1.1 to Ver.1.2. - Revised: AIS file from Ver.4.0 to Ver.4.1a. - Added “by weight of tin” in the criteria of DBT and DOT. - Deleted: DBT exemption because of expiration on January 1, 2015. - Added: Expiration of RoHS exemption No.16 and 40. - Revised: Targeted items for lead of EPEAT from “Specific items which a user can touch easily” to “All delivering items” - Revised: The number of SVHC substances from 84 to 155. - EU06 added and IA02 revised in Table 6.

Revision History

Version	Revision Date	Overview of Revised Contents
Q	July 1, 2016	- Revised: In Environmental policy, “EIZO Corporation” to “EIZO Group” - Deleted: “Survey on Environmental Conservation Practices” - Revised: MIS file from Ver.1.2 to Ver.1.3. - Added: POPs and GS Mark in Table 1 - Added: The following substances in the list of prohibited chemical substances. In addition, some threshold values have been revised. (39) Endosulfan or Benzoepin (40) Hexabromocyclododecane (HBCDD) (41) Polycyclic aromatic hydrocarbons (PAHs) - Added: “Leather parts: Less than 3ppm” for Hexavalent Chromium in Table 2-1 - Deleted: The list of RoHS exemptions in Table 2-2, and added: Link of RoHS directive - Added: Description of requirements for PAH as Table 2-2 - Revised: Table 3 “EU RoHS Directive (or Battery Directive/Packaging Directive)” → “Legally Prohibited Substances” SVHC 155 substances (169 substances Request about red phosphorus has been added “Printed wiring boards” have been deleted in “Information for plastic parts weighing 25g or more” - Added: Prohibition of specific phthalates in Table 5-1 to 4 - Deleted: Hexabromocyclododecane in Table 5-1 to 5 - Concept of GreenScreen has been introduced in the requirements of flame retardants in Table 5-1 to 2, and the URL to Risk phrases has been revised - Deleted: Tri-o-cresyl phosphate in Table 5-2 - Deleted: Requirements for PAH in Table 5-4 - Revised: “Packaging Ordinance” (“Packaging Directive” - Deleted: Appendix 1 - Sample of “Survey on Environmental Conservation Practices” and Appendix 2 - EIZO MIS File - Revised: JAMP AIS Tool from Ver.4.1a to Ver.4.1b - Added: 6.3 Submission of Analytical Data - Added: 7. Internal Management of Suppliers
Q	August 1, 2016	- Corrected: JAMP AIS Tool from Ver.4.1b to Ver.4.1c
R	February 1, 2018	- Revised: JAMP AIS and its relevant contents to chemSHERPA-AI - Revised: MIS file from Ver.1.3 to Ver.1.4. - Added: “Canadian Environmental Protection Act” in Table 1 - Added: “and less than 1000ppm” for No.1 in Table 2-1 - Deleted: “REACH Annex XVII” from No.1, 8, 40 in Table 2-1 - Deleted: “Intentional use prohibited and” from No.13, 14 in Table 2-1 - Revised: The number of chlorine “Cl=>3” to“Cl=>1” for No.15 in Table 2-1 - Corrected: “1000ppm” to “0.1ppm” for No.16 in Table 2-1 - Added: “and less than 100ppm” for No.40 in Table 2-1 - Added: No.42, 43 and 44 in Table 2-1 - Revised: “by June 2016” to “by January 2018” for SVHC in Table 3 - Added: “Printed wiring boards” in Information for plastic parts - Revised: “Judgment” to “Report information” for Red Phosphorus in Table 3 - Added: “Printed wiring boards” in Table 4-1 and 2 - Moved: “Specified phthalates” from Table 4-1, 2, 3, 4 to Table 2-1 - Added: Requirement for flame retardants in Table 4-3 - Deleted: “Labeled according to ISO11469 ” from item 2 in Table 4-6 - Revised: “at least 70%” to “at least 85%” for item 5 in Table 4-6 - Revised: JAMP declarable substances to chemSHERPA in Table 5

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S	October 1, 2019	- Revised: "Energy and Environment Basic Policy". - Revised: Description in section 4. - Revised: Description in section 5. - Added: "Intentional use prohibition" to the standard value of No.10 in Table 2-1 - Corrected: substance name of No.13 in Table 2-1 - Added: "Intentional use prohibition" to the standard value of No.14 in Table 2-1 - Deleted: some substances such as BNST (and reassign No.) in Table 2-1 - Added: PFOA as No.27 in Table 2-1 - Added: a note *1 in Table 2-1 - Revised: EIZO MIS file from version 1.4 to version 2.0 or later in section 6.1 - Added: requirement “Cover all the declarable substances of the valid version of chemSHERPA to be submitted together” to <Target Substances> of REACH Regulation in Table 3 - Added: "Contained (A)" to <Criteria for Determination> of “REACH Regulation” in Table 3 - Added: a note that requires reporting condition of substances with chemSHERPA to <Criteria for Determination> of “REACH Regulation” in Table 3 - Added: “Proposition 65” in Table 3 - Added: a description about additional information in case of “not compliant” to “EIZO Environmental requirements” in Table 3 - Added: “Additives (Flame retardants / Plasticizers)” in Table 3 - Deleted: 4 items of “EPEAT (cadmium, hexavalent chromium)”, “EPEAT (lead)”, “information for plastic parts”, “information for mercury lamps in LCD module” in Table 3 - Added: requirements of A1, A7, A9 and A10 on “Flat Panel Display Module” in Table 4-1 - Revised: requirements of A3 and A8 on “Flat Panel Display Module” in Table 4-1 - Revised: requirements of B1 on "Printed wiring board" in Table 4-2 - Added: "Electrical cable and wire (…)" as Table 4-3 - Added: "General Electrical and Electronic parts" as Table 4-4 - Revised: requirements of F4 on "Plastic parts" in Table 4-6 - Added: requirements of F7 and F8 on "Plastic parts" in Table 4-6 - Added: "Metal parts" as Table 4-7 - Revised: requirements of I1 on "Packing materials" in Table 4-9 - Added: requirements of I6 and I7 on "Packing materials" in Table 4-9 - Added: “Other parts” as Table 4-10 - Deleted: a description on chemSHERPA version in section 6.2 - Added: a note on reporting for all chemSHERPA declarable substances, especially substances in candidate list of SVHC for authorization in section 6.2 - Added: a note on reporting for all chemSHERPA declarable substances, especially substances in candidate list of SVHC for authorization in section 6.2 - Added: a description on reporting for chemSHERPA optional reporting substances in specific parts in section 6.2.1 - Added: Table 5-1, Table 5-2, Table 5-3 and Table 5-4
T	December 1, 2021	- Added: establishment of a chemical substance management system in section 4. 1) - Revised: to "Questionnaire on chemical substance management" from "Questionnaire on Corporate Social Responsibility Efforts" in section 4. 1) - Revised: to " AfPS GS 2019:01 PAK" as GS mark Standard in Table 1

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		- Added: “Toxic Substances Control Act (TSCA)” in Table 1 - Added: “The Mercury-Containing and Rechargeable Battery Management Act (Public Law 104-142)” in Table 1 - Added: “Content limitation of mercury, cadmium and lead for zinc anode primary battery (GB 24427-2021)” in Table 1 - Added: “Restrictions on the Manufacture, Import, and Sale of Dry Cell Batteries” in Table 1 - Added: PIP 3:1 as No.29 in Table 2-1 - Added: PCTP as No.30 in Table 2-1 - Added: C9-C14 PFCAs as No.31 in Table 2-1 - Added: "Intentional use prohibited" to the standard value of No.28 in Table 2-1 - Added: description of exemption for No.28 in Table 2-1 - Added: derivatives to PFOS of No.8 in Table 2-1 - Added: "Intentional use prohibited" to the standard value of No.9 in Table 2-1 - Added: "less than 1500ppm" to the standard value of No.13 in Table 2-1 - Added: "5ppm or less" to the standard value of No.26 in Table 2-1 - Added: "less than 1000ppm" as total concentration to the standard value of No.27 in Table 2-1 - Added: a note regarding concentration as *1 in Table 2-1 - Added: a note on Battery-related laws and regulations as *3 in Table 2-1 - Added: a note on intentional use prohibition of heavy metals in packaging material as *4 in Table 2-1 - Added: a note on PFOS of No.8 as *6 in Table 2-1 - Added: a note on PBBs of No.9 as *7 in Table 2-1 - Deleted: ACENAPHTHYLENE, ACENAPHTHENE, and FLUORENE in Table 2-2 - Revised: GS mark PAH standard WEB link address in Table 2-2 - Changed: the wording of Answer Choices in Table 3 - Added: 0.5g or more parts for product housing to the target item conditions for plastic part in Table 3 - Added: "Batteries / Accumulators" as Requirement item in Table 3 - Added: description about specification from EIZO as requirements of A6 and A7 in Table 4-1 - Added: requirements of B1 and B3 in Table 4-2 - Added: flame retardants to the requirement of C1 in Table 4-3 - Added: description about specification from EIZO to the requirement of C1 in Table 4-3 - Added: attachment of the declaration of the plasticizer to the delivery specifications as the requirement of C1 in Table 4-3 - Added: requirements of E3 and E4 in Table 4-5 - Added: plastic parts weighing 0.5g or more used for the exteriors to the requirements of F2 and F5 in Table 4-6 - Added: description about specification from EIZO to the requirements of F5 and F6 in Table 4-6 - Revised: expansion of packaging material scope from plastic to all in the requirement of l1 in Table 4-9 - Revised: labeling standard in the requirement of l1 in Table 4-9 - Added: description about the case where it is difficult to label as the requirements of l1 and l2 in Table 4-9 - Revised: to molded pulp from paper as the targets for the requirement of l4 in Table 4-9 - Revised: linked address of EIZO website in section 6-2 - Added: requests to suppliers in section 7-1 - Added: Indium tin oxide and Molybdenum trioxide in Table 5-1