

Green Procurement Standards

ALPS ALPINE CO., LTD.

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1. Introduction

Environmental issues are becoming more and more serious each year, such as global warming that causes a rise in sea level and extreme weather, environmental pollution caused by waste, and depletion of resources due to mass consumption. Under such circumstances, we address these issues centered on our corporate philosophy "to create new value that pleases both people and the earth", and we aim "to manage our activities by making sustainable approaches and keeping in harmony with the environment. "

As an effort to materialize our corporate philosophy, we have strengthened the product lifecycle perspective and established "Green Procurement Standards" to procure and purchase materials, parts, and products with less environmental impact at the procurement stage, and are promoting activities to reduce environmental impact throughout the supply chain. We would like to ask our suppliers to continue to understand our green procurement policy and work together with the Alps Alpine Group in our environmental activities.

2. Objectives

In order to work forward to realize our corporate philosophy, we establish procurement standards for the management of chemical substances contained in our products.

Corporate Philosophy

Alps Alpine innovates value for humans and society on a brighter planet.

Management Approach

Strive for Value

We will go all out to create new value

Love the Planet

We will coexist with the environment as friends of the Earth

Contribute to Society

We will do good for society and help it to flourish

Respect the Individual

We will empower the unique energy of every employee

Act with Integrity

We will act fairly and with integrity as global players

3. Definition of terms

1) Material (part)

This is a generic term for raw materials, parts, semi-finished units, finished products, packaging materials, etc. to be procured.

2) Chemical substance

The term is for a compound obtained by causing a chemical reaction to an element or compound, and it does not matter whether it is an artificial compound or a natural product, intentionally produced or unintentionally produced.

3) Compound

"Compound" means a material combined by two types of atoms (at least one; H, He, B, C, N, O, F, Ne, P, S, Cl, Ar, As, Se, Br, Kr, Te, I, Xe, At or Rn) or more atoms by covalent bond, ion bond, coordination bond, etc. or any of these combinations.

4) Mixture

It refers to a mixture of two or more chemicals without a chemical reaction.

5) Chemical product

It refers to a chemical substance by itself, or mixture thereof in the form of liquid, solid or powder that does not have a specific shape, such as cleaning agents, adhesives, lubricants, release agents, abrasives, etc. used as auxiliary materials or production auxiliaries.

6) Intentional inclusion

Refers to a state in which a certain substance has been used to intend to give the object a certain Characteristics and quality.

7) Unintentional inclusion

Refers to a state in which impurities are contained in the substance that are not intentionally added to the object, or a state in which there are reaction intermediates, degradation products or reaction products that are produced in the production process. In addition, it includes a state where some substance is contained unintentionally in the time between manufacturing at the supplier site and delivery to our company. We treat such case as unintentional inclusion.

8) Impurity (Misc.)

It refers to the by-product and the catalyst residue, etc. that are created during the synthesis reaction process. It is a substance that cannot be removed at the current industrial technology level, and it does not matter whether it is a natural product or a non-natural product. It also refers to a substance that is not added so as to give some function to the final product form. Additionally, when a substance is unintentionally contained in the delivered product in the time between manufacturing at the supplier site and delivery to our company, it is treated as an impurity. As for the case that a substance is added intentionally and is referred as impurity, it is not

treated as such under the guideline of our Green Procurement Standards. If the substance is used intentionally, it is not an impurity even if to distinguish the substance from the main material.

9) Threshold

It is a measure of the inclusion level which will not affect as a contained substance in the product. Our standards quote the figures set forth in the regulations.

4. Scope of coverage

Our green procurement standards apply to the procurement activities of the various materials that make up our products in the Alps Alpine Group and the management of chemical substances used at manufacturing process. The various materials used herein are collectively referred to the following.

- Raw materials
- Parts (purchased or processed parts such as electrical parts, mechanical parts, electrical mechanical parts, printed circuit boards, exterior parts, etc.)
- Semi-finished units (assembly parts such as modules, substrate ASSY, etc.)
- Finished products (procured products that are commissioned to design and manufacture)
- Packaging materials (packaging materials purchased by our company except for packaging for deliverable from suppliers to us)

Exception: We may ask suppliers to investigate the packaging materials used in the materials delivered to us from the supplier only when a special response is required due to relevant laws and regulations or customer requirements.

- Chemical products (paints, adhesive tapes, solder, lubricants, adhesives, cleaning agents, release liquids, etc.)
- Accessories (accessories for using equipment, such as remote controller, etc.)
- Service parts
- Instruction manuals

5. Selection criteria

Our green procurement shall be based on two selection criteria: the selection criteria for suppliers and the selection criteria for materials we purchase.

1) Selection criteria for suppliers

In selecting suppliers, we will prioritize suppliers who are implementing ambitious initiatives by assessing the

status of environmental conservation activities such as global warming countermeasures and biodiversity, in addition to their quality, delivery time, price, service, technology development capabilities, etc.

The following appendix is applied to a deal for the Component and Sensor & Communication businesses.

Appendix4: Management Classifications of Four Heavy Metals and Phthalates

This shows thresholds and management classifications of four heavy metals and phthalates.

The materials, parts and products delivered to us, needed to apply this appendix are shown in our supplier portal.

2) Selection criteria for materials we purchase

In purchasing various materials, we only use materials that meet our standards from the perspective of “the environment”, in addition to the necessary quality, functions, and prices. “

(1) Management classifications of chemical substances

We set up two management classifications, “Prohibited Substance: P” and “Declarable Substance: D” to perform appropriate management of chemical substance contained in products. The all substance intentionally added shall be reported without omissions. In addition, if you've found an unintentionally included substance in deliveries to us, the substance shall be reported without omissions.

① Prohibited substance

This is the substance we judge that the risk to the environment is serious from a legal basis or prior incidents, and that we do not allow its inclusion. However, if it's included lower than threshold or it is used when the exemption is applicable, we will treat it as a declarable substance described in ②.

The exemption can be applied with a limited term to a case where the prohibited substance is contained but cannot be substituted technically or scientifically.

② Declarable substance

It refers to the substance we have determined at the moment that it is necessary to properly manage as contained substance in the product. It may be prohibited in accordance with future knowledge, social environment, and regulatory trends.

(2) Necessary documents for parts material evaluation

(1) Reporting methods

Suppliers are encouraged to refer to the 7th clause of List of Substances and the Appendix 2 of

Prohibited Substances to confirm the presence of prohibited or declarable substances, and their thresholds. It is required that suppliers provide full disclosure of all the substances of the constituent materials in accordance with the Investigation Procedures on Product-containing Substances in the Appendix 5.

At a request of customers who have dealings with us, we may also ask suppliers to submit analytical data, component tables, SDS, etc. For any questions, please contact the person in charge of the survey.

6. Laws and Regulations

1) Laws and Regulations, we refer to

The following table shows main laws and regulations we refer to. We'd like to request suppliers to confirm and comply with the related laws and regulations concerning the materials of products delivered to us.

Laws and Regulations(including provisional name)	Area
Strategic Approach to International Chemicals Management	international effort
The Rotterdam Convention (The Prior Informed Consent (PIC) Procedure)	global treaty
Montreal Protocol on Substances that Deplete the Ozone Layer (ODS)	global treaty
Stockholm Convention on Persistent Organic Pollutants	global treaty
United Nations Framework Convention on Climate Change (Kyoto Protocol)	global treaty
Minamata Convention on Mercury	global treaty
Asbestos Convention	global treaty
GADSL (Global Automotive Declarable Substance List)	Industry standard
IEC 62474 - Material Declaration for Products of and for the Electrotechnical Industry (IEC62474)	Industry standard
JS709C: JOINT JEDEC/ECA STANDARD, DEFINITION OF "LOW-HALOGEN" FOR ELECTRONIC PRODUCTS	Industry standard
IPC-4101E: Specification for Base Materials for Rigid and Multilayer Printed Boards	Industry standard
IEC 61249-2-21: Materials for printed boards and other interconnecting structures - Part 2-21: Reinforced base materials, clad and unclad - Non-halogenated epoxide woven E-glass reinforced laminated sheets of defined flammability (vertical burning test), copper-clad	Industry standard
Directive 2002/96/EC of the European Parliament and of the Council of 27 January 2003 on waste electrical and electronic equipment (WEEE) - Joint declaration of the European Parliament, the Council and the Commission relating to Article 9	EU

Directive 2000/53/EC of the European Parliament and of the Council of 18 September 2000 on end-of life vehicles - Commission Statements	EU
Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)	EU
Directive 94/62/EC of 20 December 1994 on and packaging waste	EU
Directive 2009/48/EC of the European Parliament and of packaging the Council of 18 June 2009 on the safety of toys	EU
Directive 2006/66/EC of the European Parliament and of the Council of 6 September 2006 on batteries and accumulators and waste batteries and accumulators and repealing Directive 91/157/EEC	EU
Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products	EU
Commission Regulation (EU) 2019/424 of 15 March 2019 laying down ecodesign requirements for servers and data storage products pursuant to Directive 2009/125/EC of the European Parliament and of the Council and amending Commission Regulation (EU) No 617/2013	EU
Directive 2006/122/EC of the European Parliament and of the Council of 12 December 2006 amending for the 30th time Council Directive 76/769/EEC on the approximation of the laws, regulations and administrative provisions of the Member States relating to restrictions on the marketing and use of certain dangerous substances and preparations (perfluorooctane sulfonates)	EU
Directive 2007/23/EC of the European Parliament and of the Council of 23 May 2007 on the placing on the market of pyrotechnic articles Directive 2013/29/EU of the European Parliament and of the Council of 12 June 2013 on the harmonisation of the laws of the Member States relating to the making available on the market of pyrotechnic articles	EU
Directive 98/70/EC of the European Parliament and of the Council of 13 October 1998 relating to the quality of petrol and diesel fuels and amending Council Directive 93/12/EEC	EU
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC • Candidate List (CLS) • ANNEX XIV • ANNEX XVII	EU
Commission Regulation (EU) No 276/2010 of 31 March 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as	EU

regards Annex XVII (dichloromethane, lamp oils and grill lighter fluids and organostannic compounds)	
Commission Regulation (EU) No 301/2014 of 25 March 2014 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) as regards chromium VI compounds	EU
Commission Regulation (EU) 2017/1510 of 30 August 2017 amending the Appendices to Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards CMR substances	EU
Commission Regulation (EU) 2018/1513 of 10 October 2018 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards certain substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR), category 1A or 1B	EU
Commission Regulation (EU) 2021/1297 of 4 August 2021 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council as regards perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs), their salts and C9-C14 PFCA-related substances	EU
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directive 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006	EU
Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures	EU
Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on persistent organic pollutants (recast)	EU
Commission Delegated Regulation (EU) 2020/784 of 8 April 2020 amending Annex I to Regulation (EU) 2019/1021 of the European Parliament and of the Council as regards the listing of perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds COMMISSION DELEGATED REGULATION (EU) 2023/866 of 24 February 2023 amending Regulation (EU) 2019/1021 of the European Parliament and of the Council as regards perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds	EU
Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products	EU
Commission Regulation (EC) No 2032/2003 of 4 November 2003 on the second phase of the 10-year work programme referred to in Article 16(2) of Directive 98/8/EC of the European Parliament and of the Council concerning the placing of biocidal products on the market, and amending Regulation (EC) No 1896/2000	EU

Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices, amending Directive 2001/83/EC, Regulation (EC) No 178/2002 and Regulation (EC) No 1223/2009 and repealing Council Directives 90/385/EEC and 93/42/EEC	EU
Council Regulation (EEC) No 594/91 of 4 March 1991 on substances that deplete the ozone layer	EU
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	EU
Regulation (EC) No 842/2006 of the European Parliament and of the Council of 17 May 2006 on certain fluorinated greenhouse gases	EU
Regulation (EU) No 517/2014 of the European Parliament and of the Council of 16 April 2014 on fluorinated greenhouse gases and repealing Regulation (EC) No 842/2006	EU
Council Directive 83/264/EEC of 16 May 1983 amending for the fourth time Directive 76/769/EEC on the approximation of the laws, regulations and administrative provisions of the Member States relating to restrictions on the marketing and use of certain dangerous substances and preparations	EU
Regulation (EC) No 166/2006 of the European Parliament and of the Council of 18 January 2006 concerning the establishment of a European Pollutant Release and Transfer Register and amending Council Directives 91/689/EEC and 96/61/EC	EU
Regulation (EU) 2017/852 of the European Parliament and of the Council of 17 May 2017 on mercury, and repealing Regulation (EC) No 1102/2008	EU
2009/425/EC: Commission Decision of 28 May 2009 amending Council Directive 76/769/EEC as regards restrictions on the marketing and use of organostannic compounds for the purpose of adapting its Annex I to technical progress (notified under document number C (2009) 4084)	EU
Council Directive 2013/59/Euratom of 5 December 2013 laying down basic safety standards for protection against the dangers arising from exposure to ionising radiation, and repealing Directives 89/618/Euratom, 90/641/Euratom, 96/29/Euratom, 97/43/Euratom and 2003/122/Euratom	EU
Commission Regulation (EU) 2019/2021 laying down ecodesign requirements for electronic displays	EU
Commission Regulation (EU) 2021/341 of 23 February 2021 amending Regulations (EU) 2019/424, (EU) 2019/1781, (EU) 2019/2019, (EU) 2019/2020, (EU) 2019/2021, (EU) 2019/2022, (EU) 2019/2023 and (EU) 2019/2024 with regard to ecodesign requirements for servers and data storage products, electric motors and variable speed drives, refrigerating appliances, light sources and separate control gears, electronic displays, household dishwashers, household washing machines and household washer-dryers and refrigerating appliances with a direct sales function	EU
Council Directive 1999/13/EC of 11 March 1999 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations	EU
Council Directive 2013/59/Euratom of 5 December 2013 laying down basic safety standards for protection against the dangers arising from exposure to ionising	EU

radiation, and repealing Directives 89/618/Euratom, 90/641/Euratom, 96/29/Euratom, 97/43/Euratom and 2003/122/Euratom	
Council Directive 91/689/EEC of 12 December 1991 on hazardous waste	EU
EICTA (European Information & Communications Technology Industry Association), CECED (European Committee of Domestic Equipment Manufacturers), AeA Europe (American Electronics Association Europe) and EERA (European Electronics Recyclers Association) Joint Position Guidance on implementing article 11 of Directive 2002/96 (EC) concerning information for treatment facilities	EU
The proposals in the EU Circular Economy Strategy (It is expected that IMDS data containing these Critical Raw Materials starts to be populated in 2021, with mandatory reporting commencing in 2022)	EU
GefStoffV with Annex IV Nr. 5	Germany
TRGS 552, TRGS 614, TRGS 615, TRGS 905	Germany
2004/1/EC: Commission Decision of 16 December 2003 concerning national provisions on the use of short-chain chlorinated paraffins notified by the Kingdom of the Netherlands under Article 95(4) of the EC Treaty (notified under document number C (2003) 4749)	Netherlands
Regulations relating to restrictions on the use of health hazardous chemicals and other products (Product Regulations) (FOR-2004-06-01-0922)	Norway
Act of Reduction of Risks in Treatment of Specified Hazardous Substances, Preparations, and Articles in Switzerland (ChemRRV) Swiss Ordinance 814.81	Switzerland
BGB I 1990/194: Formaldehyde Restriction §2, 12/2/1990	Austria
Hygiene Norm HN 96:2000 (Hygiene Norms and Regulations)	Lithuania
Toxic Substance Control Act (TSCA)	USA
US EPA - SNUR: § 721.9582 Certain perfluoroalkyl sulfonates	USA
US EPA Chemical Action Plan	USA
US EPA Class 1 ODS, US EPA Class 2 ODS	USA
Consumer product safety improvement act	USA
Clean Air Act	USA
Consumer Product Safety Improvement Act (CPSIA)	USA
NHTSA (The National Highway Traffic Safety) Consent Order	USA
Nuclear Regulatory Commission Regulations Title 10 CFR Part 20	USA
California's Safer Consumer Product Regulations (SCPR)	USA State of California
SB-346 Hazardous materials: motor vehicle brake friction materials.	USA State of California
AB 826, the Perchlorate Contamination Prevention Act of 2003	USA State of California

California Proposition 65(Safe Drinking Water and Toxic Enforcement Act of 1986)	USA State of California
Electronic Waste Recycling Act (California RoHS) SB 20, amended by SB 50 and AB 575	USA State of California
SB 6557 - 2009-10 Limiting the use of copper and other substances in vehicle brake pads.	USA State of Washington
Environmental Conservation Law, Battery management and disposal § 27-0719	USA State of New York
An Act To Stop Perfluoroalkyl and Polyfluoroalkyl Substances Pollution (LD 1503)	USA State of Maine
The Canadian Environmental Protection Act, 1999 (CEPA1999)	Canada
Canadian Certain Toxic Substances Regulations	Canada
The Chemicals Management Plan (CMP) List of substances in the third phase of CMP (Export Control List)	Canada
Products Containing Mercury Regulations (SOR/2014-254)	Canada
The significant new activity (SNAc)	Canada
Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc	Japan
Poisonous and Deleterious Substances Control Law	Japan
Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof	Japan
Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures	Japan
Japan Waste Management and Public Cleansing Law	Japan
Act on Control of Household Products Containing Harmful Substances	Japan
Act on Preventing Environmental Pollution of Mercury	Japan
Law for the Promotion of Effective Utilization of Resources	Japan
Law Concerning Prevention from Radiation Hazards due to Radio-Isotopes, etc.	Japan
Law for the Regulation of Nuclear Source Material, Nuclear Fuel Material, and Reactors	Japan
Requirements for prohibited substances in automobiles (China End-of-Life Vehicle Directive) (GB/T30512)	China
Requirements of concentration limits for certain restricted substances in electrical and electronic products (China RoHS) (GB/T26572)	China

Limitation of mercury, cadmium and lead contents for alkaline and non-alkaline zinc manganese dioxide batteries (GB 24427)	China
Act on the resource circulation of electrical and electronic equipment and vehicles (Korea RoHS)	Korea
Act on Registration and Evaluation of Chemical Substances (K-REACH)	Korea
Enforcement Rule of the Persistent Organic Pollutants Control Act	Korea
QUALITY CONTROL AND SAFETY MANAGEMENT OF INDUSTRIAL PRODUCTS ACT	Korea
ELECTRICAL APPLIANCES AND CONSUMER PRODUCTS SAFETY CONTROL ACT	Korea
Guidance to reducing the restricted chemical substances in electrical and electronic equipment (Taiwan RoHS) (CNS15663-102)	Taiwan
Restrictions on the Manufacture, Import, and Sale of Dry Cell Batteries	Taiwan

If a law and regulation provide an expiration date, a delivery deadline for us, ALPS ALPINE CO., LTD. is six months before the expiration date of law and regulation.

2) Exemption Application

In principle, any thing that is exempt from domestic and international laws, such as the EU RoHS directive and the ELV Directive, is excluded. Suppliers are encouraged to check the latest information.

EU RoHS Directive

https://ec.europa.eu/environment/waste/rohs_eee/index_en.htm

EU ELV Directive

<https://ec.europa.eu/environment/waste/elv/index.htm>

References: How to find exemptions of EU RoHS Directive and EU ELV Directive

① EU RoHS Directive

The “Exemption Lists” at the IEC62474 website provides the detailed information (ex. concerned substance groups, categories, expiry dates, etc.) of the exemptions.

<http://std.iec.ch/iec62474/iec62474.nsf>

< matters that require attention to use the “Exemption Lists” at the IEC62474 >

- Refer to the “EU RoHS ANNEX III” for the exemptions common to all categories set out in Annex III of the Directive.
- Refer to the “EU RoHS ANNEX IV” for the exemptions of categories 8 and 9 set out in Annex IV of the Directive.
- In the IEC62474 Exemption Lists, different IDs are separately given to the same

exemption having the same No., it means product category or expiry date are different in same exemption. When looking up the lists, determine the concerned product category first, and then search for the appropriate entry.

- When the European Committee decides to change an expiry date or exemption details, the list of IEC62474 needs to some time to reflect it, so care must be taken about this time lag.

② EU ELV Directive

- The web page of the Environment European Commission listed below provides a trends to be aware of the directive.

https://ec.europa.eu/environment/topics/waste-and-recycling/end-life-vehicles_en

- 2000/53/EC, including revised part is in the "LAW" of the "PAGE CONTENTS" in near of the bottom of the web page, please refer to the latest version announced officially.

3) Analysis methods

We ask suppliers for appropriate analysis in accordance with IEC62321 (standard for measuring the content of regulated substances in electrical and electronic equipment products), etc. However, if the analysis method is specified in the relevant laws and regulations, please analyze accordingly.

7. List of substances

Please refer to Appendix 2, the list of substances we set forth. At the same time, suppliers are encouraged to check the threshold information provided by the latest laws and regulations.

If suppliers' products are for our electronic components business, we will distribute the "Appendix 4: Management Classifications of Four Heavy Metals and Phthalates (for Component and Sensor & Communication businesses)" stipulated for the four heavy metals (cadmium compounds, hexavalent chromium compounds, lead compounds, mercury compounds) and phthalates. For those suppliers who have received Appendix 4, we apply the management classifications and thresholds of Appendix 4 for substances corresponding to four heavy metals and phthalates.

Revision number	Revision date	Page	Revision Details/Reason	Approved by	Reviewed by	Created by
0	2020.06.01	All	Newly established (Effective date : 2020.08.01)	Y.Kawarada	Y.Tanioka H.Kurokawa	Y.Tago S.Ito
1	2021.06.01	<ul style="list-style-type: none"> Standard (pp. 10-11) Appendix2 Appendix5 	<ul style="list-style-type: none"> Red letter means revision for standard and appendixes <Standard> <ul style="list-style-type: none"> (p.10) 6. Laws and Regulations 1) Laws and Regulations: Addition of an explanation for delivery deadline for us. (p.10) 6. Laws and Regulations: "2)" was newly installed before "Exemption Application" (p.10) Standard 6. Laws and Regulations 2) Exemption Application: "References: How to find exemptions of EU RoHS Directive and EU ELV Directive" was added. (p.11) Standard 6. Laws and Regulations: "3)" was newly installed before "Analysis methods". <Appendix2> <ul style="list-style-type: none"> Revision of substance list to reflect revision of industrial standard and laws and regulations. Additional substance group, for example, are "Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds" and "CRM". Addition of Note, near the top of the list. Addition of "Chart for changes from the previous version". <Appendix5> <ul style="list-style-type: none"> "JAMA/JAPIA Standard Material Data sheet" was fixed to "JAPIA Standard Material Data sheet", according to "JAMA/JAPIA Standard Material Data sheet" was abolished and switched to "JAPIA Standard Material Data sheet". All reporting tool for Automotive Information Equipment Business were unified into only IMDS along with an abolishment of "JAMA/JAPIA Standard Material Data sheet". (p.16-17) 2.3 Acceptance criteria for IMDS was newly established. 	Y.Kawarada	H.Kurokawa	S.Ito
2	2022.06.01	<ul style="list-style-type: none"> p.2 pp.6, 11 p.6 	<p>Revision: red letter</p> <p>•Contents<Annexes></p> <p>The name of Appendix 4 was changed into 'Management Classifications of Four Heavy Metals and Phthalates' from 'Four Heavy Metals Thresholds and Management Classifications'.</p> <ul style="list-style-type: none"> 5.Selection criteria 1) Selection criteria for suppliers and 7. List of substances 'Electronic component business' was changed into 'Component and Sensor & Communication businesses'. 5.Selection criteria 1) Selection criteria for supplier <p>Addition of explanation: The materials,</p>	H.Yamagami	N.Iizawa	S.Ito

		•p.5	parts and products delivered to us, needed to apply this appendix are shown in our supplier portal •5.Selection criteria 1) Selection criteria An applicable scope of Appendix 4 was changed into 'Component and Sensor & Communication businesses from 'Electronic component business'. Appendix 1 and 3 were delated.			
3	2023.06.01	p.5	4. Scope of coverage Added "and the management of chemical substances used at manufacturing process" to the coverage.	Yamagami	Iizawa	S.Ito
		pp.7-13	6. Laws and Regulations 1) Laws and Regulations, we refer to Updated the table that shows regulations we refer to			
		Appendix 2	Revised in accordance with the latest industry standards			
		Appendix 5	The revision details are shown in revision history of Annex 5			
4	2024.07.01	Appendix 2	Revised in accordance with the latest industry standards	Kasai	Iizawa	Ito
		Appendix 5	The revision details are shown in revision history of Annex 5			