

	Americas Business Management System	Revision Date:
		31/Oct/2024
AA-EN-xx-S-003	YPES-31-038 Substances of Concern	Revision Level:
Specification		E
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1. PURPOSE:

This document is not a process document. The purpose of this standard is to limit or prevent the usage of prohibited or soon to be prohibited substances classified as Substances of Concern (SoCs) or Substances of Very High Concern (SVHCs) and to facilitate compliance with current and future regulations.

2. SCOPE:

This standard applies to substances that are present in any purchased or manufactured material, component, or assembly sold to a Yazaki North America (YNA) customer.

3. SPECIFICATION DETAILS:

3.1 Definitions

- 3.1.1 SoC: Substance of Concern
- 3.1.2 REACH SVHCs: Substances of Very High Concern list published by the ECHA in accordance with Article 59(10) of the REACH Regulation
- 3.1.3 IMDS: International Material Data System (<http://www.mdssystem.com>)
- 3.1.4 GADSL: Global Automotive Declarable Substance List (<http://www.gadsl.org>)
 - 3.1.4.1 Substances in GADSL are classified into 3 categories:
 - P - All usage prohibited per GADSL threshold.
 - D/P – Declarable/Prohibited depending upon usage, otherwise declaration required.
 - D - Declaration normally required when usage exceeds defined threshold value.
 - 3.1.4.2 Yazaki Group has categorized substances as follows for usage:
 - "P" and "D/P" --> "Prohibited Substance"
 - "D" --> "Declarable Substance"
- 3.1.5 GASG: Global Automotive Stakeholders Group
- 3.1.6 ECHA: European Chemicals Agency
- 3.1.7 MDS: Material Data Sheet
- 3.1.8 BOM: Bill of Materials

3.2 Lists of Prohibited Substances

- 3.2.1 Prohibited substances are deemed prohibited for Yazaki North America, Inc. **12 months** in advance of the prohibition date listed on the GADSL and based on the Yazaki Group Self-Control Substance List.
- 3.2.2 ECHA typically publishes the list of REACH SVHCs twice a year (June & December).
- 3.2.3 GASG technical teams create dossier on SVHCs for automotive applications and add SVHCs to GADSL (GADSL is determined by GASG and is a list of SoCs and SVHCs revised periodically). The list is typically updated yearly in February, however, if warranted, a mid-year update is released in August.

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3.3 References

- 3.3.1 [Global Automotive Declarable Substance List \(GADSL\)](#)
- 3.3.2 [Yazaki Group Self-Control Substance List](#)
- 3.3.3 Directive 2000/53/EC of the European Parliament and of the Council on End-of-Life Vehicles (ELV)
- 3.3.4 Directive 1907/2006/EC of the European Parliament and of the Council on Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
- 3.3.5 Directive 2004/12/EC of the European Parliament and of the Council on Packaging and Packaging Waste
- 3.3.6 Directive 2002/96/EC of the European Parliament and of the Council on Waste Electrical and Electronic Equipment (WEEE)
- 3.3.7 Directive 2002/95/EC of the European Parliament and of the Council on the restriction of the use of certain Hazardous Substances (RoHS) in Electrical and Electronic Equipment
- 3.3.8 YNCA MS Manual (AA-QM-xx-M-002)
- 3.3.9 Yazaki Environmental Material Reporting (AA-EN-xx-P-019)
- 3.3.10 SoC Testing Procedure (AA-EN-xx-P-018)
- 3.3.11 Chemical Substance Management Policy (Yx-QM-xx-Y-006)

3.4 Supplier Responsibilities

Suppliers are responsible to comply with applicable laws and regulations as amended. These include but are not limited to:

- 3.4.1 [Global Automotive Declarable Substance List \(GADSL\)](#)
- 3.4.2 [Yazaki Group Self-Control Substance List](#)
- 3.4.3 Directive 2000/53/EC of the European Parliament and of the Council on End-of-Life Vehicles (ELV)
- 3.4.4 Directive 1907/2006/EC – Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
- 3.4.5 Directive 2004/12/EC of the European Parliament and of the Council on Packaging and Packaging Waste
- 3.4.6 Directive 2002/96/EC of the European Parliament and of the Council on Waste Electrical and Electronic Equipment (WEEE)
- 3.4.7 Directive 2002/95/EC of the European Parliament and of the Council on the restriction of the use of certain Hazardous Substances (RoHS) in Electrical and Electronic Equipment

3.5 YNA Responsibilities

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- 3.5.1 Design Engineering is to provide drawings/BOMs to initiate SoC/SVHC review as part of the design review/change process:
 - 3.5.1.1 Request, confirm, and verify supplier compliance to GADSL via MDS (YEMR; AA-EN-xx-P-019). To be completed twice: at initial supplier IMDS submission and at final IMDS submission to customer.
- 3.5.2 Validate ELV conformance via qualitative and quantitative testing (SoC Testing Procedure, AA-EN-xx-P-018)
- 3.5.3 Report SoC/SVHC compliance with PPAP documentation
- 3.5.4 Ensure this specification is in alignment with
 - 3.5.4.1 Chemical Substance Management Policy (Yx-QM-xx-Y-006)
 - 3.5.4.2 [Yazaki Green Purchasing Guidelines](#)
 - 3.5.4.3 [Yazaki Group Self-Control Substance List](#)

4. APPENDIX:

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5. DOCUMENT APPROVAL:

****Each section needs a name; however, the Authored by and Reviewed by names cannot be the same person.****

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6. DOCUMENT HISTORY:

***For ONLY new or content revisions, the revision date is equal to the Authored by date and all Authorization dates are the same or after. Note: See Section 4 Rules in Yx-QM-xx-Y-001 Process Documentation Management Policy for format or grammar change revision date rules.**

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G. DeGrendel	A	23/Apr/2007
E. Leszczynski	B	15/May/2009
E. Leszczynski	C	05/Aug/2009
E. Leszczynski	D	22/Jan/2010
H. Robledo	E	31/Oct/2024