

(For Suppliers) Outline of Ver. 5.0 revision of the Investigation Manual for Regulated Chemical Substances

Jun. 17, 2024

**Supplier Audit Dept., Quality Audit Division,
Global Procurement, Quality and Logistics HQ.
OMRON Corporation**

Major revision of the Investigation Manual for Regulated Chemical Substances

- [1] Changed the structure of the substance list section
- [2] In principle, "Composition" was be also required
- [3] Simplification etc. has been implemented

Substance List Related

■ Change according to the date of ban

Related to Attachment 1

- [1] Change in the management classification (rank) after reaching of the date of ban
 - Dechlorane Plus (Rank A1 → Rank A)
 - UV-328 (Rank A1 → Rank A·A1)

Related to Attachment 2

- [2] Change the notation of banned dates in the Exemption List

■ Reflecting changes in the terms notation used in chemSHERPA

Related to Attachment 1 and Attachment 2

- [3] Reflection of the changes such as threshold name of Formaldehyde (Rank A)
- [4] Reflect changes in threshold names for Halogen Flame Retardants (Rank A)
- [5] Reflection of the corrections in substance names (Japanese)

Major revision of the Investigation Manual for Regulated Chemical Substances

Major revision of the Investigation Manual for Regulated Chemical Substances

[1] Changed the structure of the substance list section

The structure was be significantly simplified to provide greater clarity on our chemical management requirements.

In particular, the lists of B rank substances, C rank substances, and reference substances were omitted because they can be searched using the chemSHERPA tool.

[2] In principle, "Composition" will be also required

In order to quickly respond to rapidly changing laws and regulations regarding chemical substances contained in products, In addition to chemSHERPA "Conformity," "Compliance" was also be made required in principle.

[3] Simplification etc. has been implemented

Simplification and other changes have been made to make our requirements clearer.

※ This revision is not intended to change the requirements themselves. [Therefore, if your products contain any of the applicable substances, continue to submit information using chemSHERPA as before.](#)

[Details] Changed the structure of the substance list section (1/2) Page 5/13

- ✓ On the management criteria information listed in the substance list, they were removed as much as possible information that can be referenced from legal and regulatory information or chemSHERPA tools, and leave only information specific to our company's requirements.
- ✓ The information was changed to a general notation that is not dependent on chemSHERPA.

FROM

Main body (Requirements)
Attachment 1. List of Regulated Chemical Substances (Detailed management criteria) - Banned substances/applications (A Rank) - Phase-out substances/applications (A1 Rank)
Attachment 1. List of Regulated Chemical Substances (Detailed management criteria) ❖ - Content management substances/applications (B Rank) - Voluntary control (C Rank) substances/applications
Attachment 2. Exempted Application List
Attachment 3. ❖ Illustrative List of Regulated Chemical Substances



TO

Main body (Requirements)
Attachment 1. List of Regulated Chemical Substances (Detailed management criteria) - Banned substances/applications (A Rank) - Phase-out substances/applications (A1 Rank)
Attachment 2. Exempted Application List

*:The removed parts can be referenced in chemSHERPA, so they were not explicitly stated in the substance list, but the reference was stated in the main text.

Essential points for Content management substances/applications (B rank) and Voluntary control substances/applications (C rank).

- Regulated chemical substances that can be handled by chemSHERPA, excluding Banned substances/applications (A rank) and Phase-out substances/applications (A1 rank).

Added essential points of applicable substances to the management classification (rank) definition

Table 2. Laws, regulations, industry standards, etc., for substances/uses to be controlled (Rank B)

Laws, regulations, industry standards, etc.	Remarks
(JP) Chemical Substances Control Law : Class I Specified Chemical Substances	Excluding "Banned substances/applications" (Rank A) and "Phase-out substances/applications" (Rank A1) in Table 1
(US) Toxic Substances Control Act (TSCA) : Section 6	
(EU) Directive 2000/53/EC (ELV) : Targeted substances	
(EU) 2011/65/EU (RoHS) : Annex II	
(EU) 2019/1021 (POPs) : Annex I	
(EU) REACH Regulation Candidate List of SVHC for Authorisation (candidate substances for authorization) and Annex XIV (substances for authorization)	
(EU) REACH Regulation Annex XVII (restricted substances)	
(EU) Medical Device Regulation (MDR) Annex I 10.4 Chemicals	
(China) The Administrative Measures for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products	
Global Automotive Declarable Substance List (GADSL)	
IEC 62474 DB Declarable substance groups and declarable substances	

Management substances (rank B and C) were removed completely

Reference substances were removed completely

5. Requirements

5.1 OMRON's Requirements for the Management of Chemical Substances in Parts and Materials

5.1.1 Management of chemical substances in parts and materials

In OMRON common electric and electronic business, we manage chemical substances stipulated in laws and regulations for its products, parts, and materials according to OMRON's unique management classification (rank) for chemical substances. "List of Regulated Chemical Substances (Attachment 1)" and "Exempted Application List (Attachment 2)" define the management classification (rank) of substance / substance group for each reportable application. Comply with the requirements for the Omron management classifications, and report the content information. In principle, OMRON will not purchase any parts or materials that contain banned substances.

Table 1. Requirements for each management classification (rank)

Management classification (rank)	Requirements	Definition of management classification
Banned substances/applications (A rank)	Banned to use in products, parts or materials	Substances whose content is already banned by laws and regulations, or substances/applications designated as banned to use by OMRON originally.
Phase-out substances/applications (A1 rank)	To be substituted before the deadline for the phase-out in parts and materials. Banned to use after the deadline for the phase-out in parts and materials.	Substances whose ban for use in the future has already been finalized, or substances/applications designated as non-use by OMRON originally (deadline for the non-use is specified by OMRON).
Content management substances/applications (B rank)	Grasping of contained amount of regulated substances and promotion of alternative substances	Among the substances/applications designated by IEC62474, those for which grasping of the contained amount/ratio and consumption are required by laws and regulations, or those for which content indication or information provision of the safety, etc. is required by laws and regulations if they are contained.
Voluntary control substances/applications (C rank)	Understanding of the contained amount	Among the substances/applications designated by IEC62474 those that are other than banned substances/applications (A rank), phase-out substances/applications (A1 rank), and content management substances/applications (B rank).

Note 1 In accordance with Section 3.2.1 (3) of the Green Procurement Standard, regardless of whether the product is subject to an investigation of contained chemical substances, conduct appropriate process control (control of transfer contamination of phthalates via equipment, tools, packaging materials, etc. used in manufacturing) to prevent confusion of A and A1 rank substances.

5.1.2 Basic understanding on content criteria and content above the threshold

The judgment whether a chemical substance is contained or not is based on Table 2 below. When the substance does not fall in "reportable applications," or it falls in "reportable applications" but the content is below "reporting threshold," the substance is considered to be "not included." The content criteria is established for each substance/substance group in the List of the Regulated Chemical Substances (Attachment 1). The basic understanding on the content above the threshold shown herein is the same as that of IEC62474.

Table 2. Content criteria and content above the threshold

Reportable Applications	Content Criteria	Content above the threshold
	Reporting Threshold *2	
Applicable	Or more	Y
	Less than	N

[Details] Simplification etc. has been implemented

- Simplification and other changes have been made to make our requirements clearer.

Page	Location	Contents
3	Section 2	The expression “for electric and electronics-related businesses” for our company business areas was deleted
4	Section 4	Addition of a note that response in “chemSHERPA-CI” is acceptable for chemical products and mixtures
10	Section 5.2.1 (3)	Changed to the principle to require submission of “compliance” and “composition”
12	Section 5.2.2 (1) Section 5.2.3 (1)	Deletion of “TEL” from the items to be described
-	Section 6.1	Deletion of the introduction of chemSHERPA-AI-related materials

Substance List Related

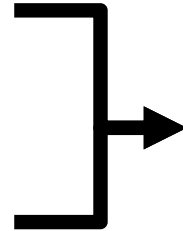
Major revisions (1/3)

■ Investigation Manual for Regulated Chemical Substances (List of Regulated Chemical Substances)

Attachment 1. List of Regulated Chemical Substances

A: Banned substances
53 => 55 substances

A1: Phase-out
5 => 3 substances

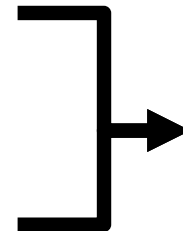


Change in the management classification (rank) after reaching of the date of ban

- Dechlorane Plus (Rank A1 → Rank A)
- UV-328 (Rank A1 → Rank A·A1)

B: Content
Management substances

C: Voluntary control
substances



B rank and C rank substances were omitted because they can be searched using the chemSHERPA tool.

Major revisions (2/3)

■ Investigation Manual for Regulated Chemical Substances (List of Regulated Chemical Substances)

**Attachment 2.
Exempted Application List**



Changed to the notation according to the expiration date set for each exempted application

**Attachment 3.
Illustrative List of Regulated
Chemical Substances**

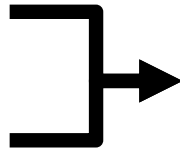


The reference substances were omitted because they can be searched using the chemSHERPA tool.

Major revisions (3/3)

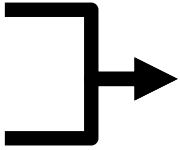
■ Investigation Manual for Regulated Chemical Substances (Other)

Attachment 4.
Certificate of Non-inclusion
Attachment 5.
Declaration for Phase-out



Changed the version and the number of substances
However, it was removed from the regulated
chemical substance investigation manual.

Attachment 6.
Specification Change Request (SCR)
Attachment 7.
Process Change Report (PCR)



The form itself has been removed as it is publicly available
on the website.

Attachments 8 to 12. Procedures to Prepare chemSHERPA-AI File and Their Examples



Removed because it can be referenced in the manual
provided by JAMP

Where to find related documents

The following documents are available at the following URLs.

**Green Procurement
Standards Ver. 7.0**

**Investigation Manual
for Regulated
Chemical Substances
Ver. 5.0**

Japanese Website

https://sustainability.omron.com/jp/environ/procurement/green_procurement/

Global Website (English)

https://sustainability.omron.com/en/environ/procurement/green_procurement/

chemSHERPA

JAMP Website

Japanese Website

<https://chemsherpa.net/>

English Website

<https://chemsherpa.net/english>

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