

Green Procurement Guideline of NOK Group

Attachment-1: Substances Impacting on Environment
Managed by NOK Group and Relevant Commentary

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NOK CORPORATION

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1. Substances Impacting on Environment Managed by NOK Group and Management Class

The 'Substances Impacting on Environment' managed by each company of NOK Group (hereinafter, referred to as each company of the Group) are groups of substances included in 'Reference List of Substances Subject to Management by chemSHERPA' prescribed by Joint Article Management Promotion-Consortium (JAMP).

Please download the list from the webpage managed by JAMP for reference.

(Japanese)

<https://chemsherpa.net/tool#declarable>

▶ダウンロード

To get the list, please click the button at the newest date on the Japanese webpage.

(English)

<https://chemsherpa.net/english/tool>

▶ Download page

For English versions, you can get the lists by downloading chemSHERPA tools (chemSHERPA-AI, chemSHERPA-CI) and decompressing (Binder zip).

The management classes of each group of substances are in accordance with 'Explanatory Notes on Substances Subject to chemSHERPA management' prescribed by JAMP. Please download the explanatory notes from the above webpages for reference.

2. On chemSHERPA Tools

As for chemSHERPA tools (chemSHERPA-AI, chemSHERPA-CI) used for your reply, please use the newest one at the time of survey unless it is particularly designated by each company of the Group.

You can download each tool from the following webpages.

(Japanese)

<https://chemsherpa.net/tool>

(English)

<https://chemsherpa.net/english/tool>

3. To our Esteemed Suppliers Starting to Use chemSHERPA Tools

We would like our esteemed suppliers who have not installed chemSHERPA tools yet to take the initial action by downloading the files from the webpage (homepage) of chemSHERPA and the commentary webpage of chemSHERPA where appropriate.

(1) Webpage (homepage) of chemSHERPA

(Japanese)

<https://chemsherpa.net/>

(English)

<https://chemsherpa.net/english>

(2) Commentary webpage of chemSHERPA

(Japanese)

<https://chemsherpa.net/aboutchemsherpa>

(English)

<https://chemsherpa.net/english/aboutchemsherpa>

The manual of each tool is packaged together with the tool, but the manual quick to grasp is ready for use, which can be downloaded from the following webpage. This manual is for chemSHERPA-AI, but includes the description of how to input component information which is useful also for chemSHERPA-CI for your reference.

(Japanese)

<https://chemsherpa.net/docs/description>

(English)

English versions are present in the Japanese webpage.

If you cannot download the files such as the lists and tools, please advise us accordingly. They are forwarded to you from the procurement contact person of each company of the Group.

4. Criteria to Judge Whether or not Declaration on Presence or Absence of Substances in Content is must

The criteria to judge whether or not the substances impacting on environment managed by NOK Group should be declared are as described in Table-1 below. Further, for the concrete threshold values according to each statutory regulation of substances impacting on environment managed by NOK Group, they are in accordance with the contents of 'Explanatory Notes on Substances Subject to chemSHERPA Management', the reference of which should be made to the following webpage. To note, for the regulations over the plural groups of substances, priority should be placed on the stricter criteria for judgement.

(Japanese) <https://chemsherpa.net/tool#declarable>
 (English) Please refer to Table-2.

Table-1 Criteria to Judge Whether or not to Declare Subject Substances

Concentration	Contained
More than Threshold Value	To be declared
Less than Threshold Value	Not to be essentially declared

Table-2 How to Grasp Threshold Value and Reference Value for Declaration (Japanese Version of Table-2 omitted)

[Code] Criteria for Management	How to Grasp Threshold Value and Reference Value for Declaration
[LR01] Law Concerning Examination and Regulation of Manufacture, etc. of Chemical Substances (Section 1 Chemical Substances) (Section 1)	*In principle, the threshold value is considered to be '0' (refer to notes 1 and 2). *The case of substance being unintentional addition and within BAT (refer to note 3) or below a self-management value authorized by METI is to be declared in the comment column of chemSHERPA etc. to that effect Note 1: In the case of the threshold value being zero, 'content above threshold value' means substance is contained even a little while 'content below threshold value' means it is not contained. Note 2: Intentional additions are all regulated within the scope of Section 1, and they are substantively prohibited to manufacture. Note3: BAT= Best Available Technology
[LR02] US Toxic Substances Control Act:TSCA Substances subject to prohibition or restriction of use (Section 6)	In statue, risk management policy is regulated for each substance in detail. The use, processing etc. of the subject substances are prohibited. Thus, the threshold value declared on the component information of chemSHERPA is considered to be '0'.
[LR03] EU ELV Directive 2011/37/EU	In statue, the maximum tolerable concentration is defined as 0.1% (0.01% in the case of cadmium) in terms of the proportional ratio by weight within the homogenous material.
[LR04] EU RoHS Directive 2011/65/EU ANNEX II	In statue, the maximum tolerable concentration is defined as 0.1% (0.01% in the case of cadmium) in terms of the proportional ratio by weight within the homogenous material.
[LR05] EU POPs Regulation (EC) No 850/2004 ANNEX I	In principle, the use and manufacture of the subject substances are prohibited and any threshold value is not defined. Thus, the threshold value declared on the component information is considered to be '0'.

[Code] Criteria for Management	How to Grasp Threshold Value and Reference Value for Declaration
[LR06] EU REACH Regulation (EC) No 1907/2006 Candidate List of SVHC for Authorization (Candidate Substances subject to Authorization) and ANNEX XIV (Substances subject to Authorization)	For the threshold value of each candidate substances subject to authorization, the concentration within the molded product (Article) is defined as 0.1%. The manufacture and use of the substances subject to authorization are prohibited within the EU region unless they are authorized to that effect.
[LR07] EU REACH Regulation (EC) No 1907/2006 ANNEX XVII (Substances subject to Restriction)	In statue, there is difference according to each substance or each group of substances subject to regulation. Further, there are substances and groups of substances whose threshold values change according to products and usage. Regarding the chemical products etc. (raw materials, agents etc.), if their usage within the NOK Group is <u>unknown</u> and there are more than two threshold values for the chemical substances contained in such products, the <u>stricter threshold value is to be declared</u> .
[[IC01] Global Automotive Declarable Substance List (GADSL)	The threshold value to be declared is defined per substance and group of substances.
[[IC02] IEC 62474 DB Declarable substance groups and declarable substances	This is the list of substances subject to declaration and the threshold value to be declared is designated for each substance (group) subject to declaration.

5. Request by NOK Group for Survey of Substances of which Transfer is to be Grasped

As one response to PRTR system based on 'Law concerning promotion of improving on grasping and managing specific chemical substances emitted into environment (hereinafter, referred to as 'Kakanhou'), there are some cases where each company of the Group makes an inquiry on the presence or absence of (1) substances designated under Kakanhou and (2) other substances designated by each company of the Group.

Basically speaking, the presence or absence is checked through SDS, but please let us excuse to make an inquiry when it cannot be confirmed or there are other reasons to do so.

End