



CANON INC.

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Ref. No.: CA22-N030

COVER PAGE OF TECHNICAL DOCUMENT FOR RoHS

Product Name	<u>Network Camera</u>
Model/Type	<u>VB-H47(Sales Name is VB-H47)</u>
Category under ANNEX I of the RoHS Directive	<u>Category 4 "Consumer equipment"</u>

Classification of the documents	<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Modification
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Date: September 26, 2022 Tokyo, Japan

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Manager

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CANON INC.

TECHNICAL DOCUMENT

Manufacturer's name	<u>Canon Inc.</u>
Model covered by Technical Document	<u>VB-H47</u>
Country where the manufacturer locates	<u>Taiwan</u>

1. General description of the product model

Network Camera , under Category 4 "Consumer equipment"

General description about the restricted substances in this product model

This product model does not contain the substances listed in ANNEX II of the "Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)" as amended by Commission Delegated Directive (EU) 2015/863, exceeding applicable maximum concentration values tolerated by weight in homogeneous materials, except for the exemptions set in ANNEX III of the Directive and its amendments. These substances are lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), bis(2-ethylhexyl) phthalate (DEHP), butyl benzyl phthalate (BBP), dibutyl phthalate (DBP) and diisobutyl phthalate (DIBP).

The management of the above restricted substances specified in the Directive is implemented as a part of Canon's management system for chemical substances included in Canon products, and the system includes following processes:

- Determining the information needed
- Collecting information
- Evaluation of information
- Review of the technical documentation

2. Documentation on materials, parts, and/or sub-assemblies

2.1. Determining the information needed and collecting information (Corresponds to 4.3.2 and 4.3.3 of EN IEC 63000:2018)

Canon obtains the following information on materials and/or parts composing the products from suppliers whose reliability has been checked by Canon, with considering possibilities where the restricted substances specified might be contained in materials, parts or sub-assemblies. The methods of checking the reliability of suppliers are described in the subsection 2.2.

(1) Supplier declarations and/or contractual agreements

These correspond to “Master Purchase Agreement/Memorandum of Understanding” and/or suppliers’ “Confirmation of “The Green Procurement Standards” Revision” as Canon’s documentation. Canon establishes its “Green Procurement Standards” to indicate the criteria and specifications required for parts and materials purchased by Canon, and the Standards cover the substances restricted by the RoHS Directive. Canon clearly requires for suppliers to declare their compliance to the “Green Procurement Standards”, at the time of entering into purchase agreements or memorandum of understanding with the suppliers of parts and materials composing the products. In addition, Canon obtains the suppliers’ confirmation titled as “Confirmation of “The Green Procurement Standards” Revision” in which the supplier declares compliance to the latest version of the “Green Procurement Canon’s “Green Procurement Standards” can be obtained from:

<http://global.canon/en/procurement/green.html>

(2) Material Declarations

Canon obtains material declarations for materials and/or parts composing the products. The survey response tools for the material declarations are chemSHERPA , the scheme that facilitates sharing information on chemical substances in products, which is based on IEC 62474 “Material Declaration for products of and for the electrotechnical industry”.

2.2. Evaluation of information (Corresponds to 4.3.4 of EN IEC 63000:2018)

Canon establishes internal procedures to check the quality and trustworthiness of material declarations obtained from suppliers and to ensure that the products meet the specified substance restrictions in accordance with the Canon common rules titled as “Detailed Rules for Managing Chemical Substances in Products”, and carries out the evaluation according to the internal procedures.

(1) Clarification of the requirements

Canon sets “Prohibited substances” and their applicable range for Canon products in Canon Group’s internal standards titled as “Standards for Environmental Impact Substances in Products”, which are based on IEC 62474 covering the specified substance restrictions. At the same time, Canon indicates these management criteria to suppliers through the Green Procurement Standards.

(2) Master Purchase Agreement/Memorandum of Understanding

Canon clearly requires suppliers’ compliance to the “Green Procurement Standards” in the purchase agreements/memorandum of understanding with the suppliers.

(3) Management of purchased materials and/or parts

Canon evaluates material declarations obtained from suppliers, and carries out the following assessments in order to ensure that the purchased materials and/or parts meet the specified substance restrictions:

¹ <https://chemsherpa.net/chemSHERPA/english/>

- (a) Checking that the supplier of the purchased materials and/or parts has established a scheme for the management of chemical substances contained in materials/parts and that such scheme is effectively carried out. (Environmental assessment of suppliers)
- (b) Checking that the material declarations provided by suppliers meet the specified substance restrictions, based on internal experts' evaluation of quality and trustworthiness of such declarations. (Assessment of purchased materials/parts)
- (c) Ensuring that the purchased materials and/or parts meet the specified substance restrictions by supplementing necessary information through quantitative analyses of such materials and/or parts, even if the information provided by the suppliers would be insufficient.

(4) Management of production and assembling

Canon checks the identifiers such as parts number of the newly-delivered materials and/or parts with those of the ordered materials/parts which have already been confirmed that they are in compliance to the specified substance restrictions before placing the order, to avoid mixing substances restricted under the RoHS Directive in the processes of production/assembling in Canon. In addition, Canon carries out random inspections (analyses of materials and/or parts) depending on possible risk of presence of restricted substances in such materials and/or parts.

(5) Assessment of products

Canon assesses whether finished products meet the specified substance restrictions, based on the results of the management processes described from (1) to (4) above. Furthermore, Canon continuously checks that the status of the compliance to the specified substance restrictions doesn't change for the product model as long as the production of such model is continued.

2.3. Review of the technical documentation (Corresponds to 4.3.5 of EN IEC 63000:2018)

Canon reviews the technical documentation according to the following procedures:

(1) Review for changes of materials, parts or sub-assemblies, etc.

When the materials, parts or sub-assemblies are changed for finished product already assured as mentioned in 2.2 (5), because of changes of design or processes or according to the reports from suppliers after the previous assessment of products, Canon obtains new information reflecting such changes and evaluates whether the specified substance restrictions are still met. The procedures for such re-evaluation are set in the Canon group's internal rules titled as "Detailed Rules for Managing Chemical Substances in Products", and Canon carries out the re-evaluation in accordance with these rules.

(2) Periodic reviews of the documents

Procurement Standards” also as periodic reviews of obtained Master purchase agreements/ memorandum of understanding and Material declarations. The procedures for such periodic reviews are set in the Canon group’s internal guidelines titled as “Green Procurement Standards Operation Guidelines”, and Canon carries out the periodic reviews in accordance with these guidelines.

< The items checked in the Confirmation of “The Green Procurement Standards” Revision >

- To comply with the latest version of the “Green Procurement Standards”
- To inform Canon as soon as possible if materials and/or parts which are delivered To Canon contain restricted substances newly added in the revision, and To report the details thereof no later than the date of enforcement of the revised Standards.

3. Information showing the relationship between the technical documents identified the above Section 2 and the corresponding materials, parts and/or sub-assemblies in the product

The table below shows main components composing the product model, and status of obtained information described in the above Section 2 in such components.

Product Composition	Collected information (2.1)		Evaluation of quality and trustworthiness of collected information (2.2)			
	(1) Supplier declarations and/or	(2) Material declarations	(3) Management of purchased		(4) Management of production and assembling *including testing if necessary	(5) Assessment of products
	Master purchase agreement/ memorandum of understanding and/or Confirmation of the revision	Information on chemical substances contained in materials/parts	(a) Assessment of suppliers	(b) Assessment of purchased materials/parts		
Casing	○		○	○	○	○
Mechanical Components	○		○	○	○	○
Electrical Components	○		○	○	○	○
Optical Components	○		○	○	○	○
Accessories /Other Components	○		○	○	○	○

4. The list of harmonized standards and/or other technical specifications that have been used to establish the technical documents identified in the above Section 2, or to which such documents refer.

This Technical Document is based on EN IEC 63000:2018 “Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous