



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 36560-2018

**Specifications for technical documentation for the conformity
demonstration of electrical and electronic products with
respect to the restriction of hazardous substances**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to IEC 63000.2016 "Technical documents for the evaluation of the use of hazardous substances in electrical and electronic products".

The documents of our country that have a consistent correspondence with the international documents referenced in this standard are as follows.

---GB/T 26125-2011 Six restricted substances for electrical and electronic products (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls and polybrominated diphenyls)

Determination of ethers (IEC 62321.2008, IDT);

---GB /Z 26668-2011 Electrical and Electronic Products Material Declaration (IEC 62474CDV..2010, NEQ).

This standard has made the following editorial changes.

--- Change the name of this standard to the "Technical Document Specification for the Compliance Certificate for the Use of Hazardous Substances in Electrical and Electronic Products" to adapt to this standard.

Quasi-content

--- Added application examples for "manufacturers" and "exemptions" to suit our industry practices (see notes in 3.2 and 4.2).

This standard is proposed and managed by the Environmental Standardization Technical Committee (SAC/TC297) of the National Electrical and Electronic Products and Systems.

This standard was drafted. Jiangsu Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China, China Quality Certification Center, Shenzhen Metrology Quality Inspection

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introduction

Regulations and/or customer restrictions on the use of certain substances in electrical and electronic products. Therefore, manufacturers are required to provide their products in accordance with

These substances are limited to the required certification materials.

Since these restrictions are based on parts or homogeneous materials, manufacturers of electrical and electronic products are unlikely to have all the materials in the finished product.

All are tested. However, manufacturers can work with their suppliers to conduct compliance controls and develop technical documentation to prove their products.

Compliance. This has been widely recognized by industry and government regulators.

The purpose of this standard is to specify the technology that the manufacturer needs to prepare to declare that its products meet the requirements of the corresponding global restricted substances.

Document specification.

Restricted use of hazardous substances in electrical and electronic products

Compliance Certificate Technical Document Specification

1 Scope

This standard specifies the technical documentation required by the manufacturer to declare that its products meet the requirements of the corresponding restricted substances.

This standard does not apply to the preparation of the manufacturer's management system documentation.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only the dated version applies to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

IEC 62321 (all parts) Determination of certain substances in electrical products
(Determination of certain substances in elec-

tro technical products)

IEC 62474.2012 Material declaration for the electrical industry and products for the
electrical industry (Material declaration for products of

and for the electro technical industry)

3 Terms and definitions

The following terms and definitions apply to this document.

For standardized application of terms, the ISO and IEC terminology database addresses
are listed below.

3.1

Restricted substance restricted substance

A substance that is restricted in use in products, parts, parts or materials.

3.2

Manufacturer manufacturer

A natural person or legal person who produces or invites a person to design or produce a
product and sell it under his name or trademark.

Note. In some cases, the importer or distributor is also identified as the manufacturer.

3.3

Supplier supplier

The organization that supplies the manufacturer's materials, parts, and/or components.

4.1 Overview

The manufacturer shall prepare technical documentation to demonstrate that its electrical
and electronic products meet the requirements for restricted substances (see 4.2 and 4.3).

4.2 Contents of the technical documentation

The technical documentation should include at least the following.

--- Overview of the product.

Note 1. The description of the product and its intended use are among the factors that determine whether the product is exempt (if any).

Note 2. Exemptions are sometimes referred to as exception requirements.

--- Documents based on materials, parts and/or components (see 4.3).

--- Describes the correspondence between the materials, parts and/or components in the product and the technical documents identified in 4.3.

--- Establish a list of standards and/or other technical specifications on which the technical documents identified in 4.3 are based or referenced.

4.3.1 The tasks undertaken by the manufacturer

The manufacturer shall undertake the following four tasks.

--- Determine the information required (see 4.3.2);

--- Collect information (see 4.3.3);

--- Evaluate the quality and credibility of the information and decide whether to include it in the technical documentation (see 4.3.4);

--- Ensure that the technical documentation continues to be effective (see 4.3.5).

Figure 1 shows the process of establishing a technical document.

Figure 1 Schematic diagram of the technical document establishment process

4.3.2 Determining the required information

In order to determine the type of technical documentation required for materials, parts and/or components, the manufacturer shall also evaluate the following.

a) the possibility of restricted substances in materials, parts or components;

b) The credibility of the supplier.

Materials added during the production process should also be evaluated (eg solder, paint, adhesives, etc.).

When evaluating the possibility of the restricted substance [see 4.3.2a)], the manufacturer can use technical judgment, just as some substances are impossible.

Exist in certain materials (for example, organic matter cannot be present in metals). These