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

GB/T 37876-2019

**Guideline for conformity assessment of hazardous substances
in electrical and electronic products**

电子电气产品有害物质限制使用符合性评价通则

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1 Scope

China's national guideline for assessing conformity with the restrictions on hazardous substances in electrical and electronic products. It specifies the terms and definitions, the general provisions and the conformity assessment, beginning with the risk assessment of hazardous substances. This is the practical half of China's restriction regime - the counterpart to the rules that set the limits on lead, mercury, cadmium, hexavalent chromium and the brominated flame retardants. The difficulty it addresses is that a finished electronic product contains thousands of distinct materials from hundreds of suppliers, and testing every one of them is impossible at any sensible cost. So conformity has to be built from a risk assessment: identifying which materials and components could plausibly contain a restricted substance, obtaining evidence proportionate to that risk, and testing where the evidence is weak. That approach is what makes the regime enforceable rather than merely declared.

This Standard specifies the steps, contents, and methods for the organization to assess the conformity for restriction of hazardous substances in electronic and electrical products. This Standard applies to the organization's conformity assessment for the restriction of hazardous substances in electronic and electrical products.

Note: The organization mainly refers to producers of electronic and electrical products.

2 Normative references

The following documents are indispensable for the application of this document. For the dated references, only the editions with the dates indicated are applicable to this document.

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

GB/T 26572-2011 Requirements of concentration limits for certain restricted substances in electrical and electronic products

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Organization A group of personnel and facilities whose responsibilities, authorities, and interrelationships are arranged. Example: company, group, firm, enterprise and public institution, research institution, charity, agent, association, or part or combination of the above organizations.

3.2 Producer The natural or legal person who is responsible for the design and manufacture of a product, whose product is placed on the market in its name or with its trademark, or the natural or legal person who actually produces the product.

4.2 When the assessment is for a class or series of products, the content of Clause 5 shall apply to each product in that class or series.

5 Conformity assessment

5.1 Risk assessment of hazardous substances in electronic and electrical products The organization shall identify risk factors for possible incorporation of hazardous substances at various stages of the product life cycle, particularly at the stages of product design, procurement, process manufacturing, and assess the risk level of hazardous substances.

Note: The risk identification and assessment of hazardous substances in products refers to the methods approved by SJ/T 11467 or other industries or organizations.

5.2 Preparation of supporting documentation required for conformity assessment

5.2.1 According to the assessment results of 5.1, the organization shall collect supporting documentation and information such as regulations, standards, management documents, and technical documents related to product conformity as the basis for product conformity assessment. Supporting documentation should include the following, but is not limited to:

- a) Applicable laws and regulations, relevant standards and requirements;
- b) A declaration of conformity provided by the supplier for the product meeting the concentration limit requirements of regulations or standards and meeting the applicable restricted substances exception, and/or related documents, agreements, etc. signed with the supplier, and/or;

- c) A declaration of product material provided by the supplier containing information on the content of hazardous substances in the product, and/or;
- d) Testing reports or assessment reports of hazardous substances for products (especially high-risk parts or materials), and/or;

Note 1: The testing report should meet the requirements of GB/T 26125.

- e) Other supporting documentation such as technical specifications adopted or referenced.

Note 2: These supporting documentations can also be related foreign standards or technical documents.

5.4.5 The organization shall, in accordance with applicable laws and regulations and/or customer requirements, keep the conformity declaration document in paper, electronic media, or other appropriate forms. The organization may place the content of the conformity declaration on an effective carrier such as a product description or website, to ensure that the relevant parties can easily obtain it.

6 Maintenance of assessment results

6.1 The organization shall establish appropriate procedures to ensure that the product is always consistent with its conformity declaration for restriction of hazardous substances.

6.2 In the following cases, the organization shall re-implement the conformity assessment for restriction of hazardous substances and keep records:

- a) The laws and regulations and/or customer requirements have changed;
- b) The technical standards or specifications adopted have changed;
- c) Due to optimization or adjustment of the supply chain, the product's conformity assessment results may be affected;
- d) The supplier's management system associated with the restriction of hazardous substances has changed;