

ICS 31.020

SH

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

SH/T 3403-2013

**Metallic ring joint gaskets for steel pipe flanges in
petrochemical industry
(English Translation)**

Issued on: December 25, 2024

Implemented on: April 1, 2025

Issued by: Ministry of Industry and Information Technology of PRC

Table of Contents

Foreword...	3
Introduction...	5
1 Scope...	6
2 Normative references...	6
3 Terms and definitions...	6
4 General...	7
5 Labeling of information on hazardous substances in products...	7
5.1 Labeling...	7

Foreword

This document was drafted in accordance with the provisions of GB/T 1.1-2020 "Directives for standardization - Part 1.Rules for the structure and drafting of standardizing documents".

This document replaces SJ/T 11364-2014 "Marking for the restriction of the use of hazardous substances in electrical and electronic product" and the 2017 No.1 Amendment. Compared with SJ/T 11364-2014, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) CHANGE the standard name from "Marking for the restriction of the use of hazardous substances in electrical and electronic product" in SJ/T 11364-2014 to "Labeling requirements for restricted use of hazardous substances in electrical and electronic products"; ADJUST the product scope of application to "Electrical and electronic products", to be consistent with the product scope of application of China's laws and regulations on the restriction of hazardous substances in electrical and electronic products;
- b) ADD the terms "electrical and electronic products" and "labeling"; DELETE the terms "recycling" and "logistics"; MODIFY the terms "hazardous substances" and "environmentally friendly use period";

- c) DELETE the identification method of the product production date;
- d) ADD the identification method and requirements using QR code (6.4);
- e) ADD the requirement to support the use of web pages as identification carriers (6.6);
- f) ADD the requirements for the preservation of supporting documents for the names and information tables of hazardous substances in electrical and electronic products (7);
- g) ADD four new types of phthalates, to the categories of hazardous substances in electrical and electronic products (Appendix A).

1 Scope

This document specifies the labeling method and requirements for the information on hazardous substances contained in electrical and electronic products.

This document applies to electrical and electronic products sold within the territory of the People's Republic of China. It can also be used as a reference for the logistics process of electrical and electronic products.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in the text. Among them, for dated references, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies to this document.

GB/T 26572 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

Electrical and electronic products

Equipment and supporting products that rely on current or electromagnetic fields to

work or are intended to generate, transmit and measure current and electromagnetic fields, with a rated working voltage of no more than 1500 V for direct current and no more than 1000 V for alternating current.

Note: Equipment involved in the production, transmission, distribution of electric energy is excluded.

3.2

Hazardous substance

Substances contained in electrical and electronic products that are harmful to humans, animals, plants and the environment.

[Source. SJ/T 11468-2014, 2.2.3, with modifications]

3.3

Environment-friendly use period (EFUP)

The number of years during which the hazardous substances contained in electrical and electronic products will not leak or mutate, and will not cause serious pollution to the environment or serious damage to people and property, when the user uses them normally according to the product instructions.

The starting date of the environmental-friendly use period of electrical and electronic products is the production date of the product.

3.4

Labeling

The process of labeling the information on the hazardous substances contained in electrical and electronic products.

4 General

The manufacturer or importer of electrical and electronic products shall label the information on the hazardous substances contained in the products, in accordance with the requirements of this document.

5 Labeling of information on hazardous substances in

products

5.1 Labeling

If the content of hazardous substances in the product meets the requirements of GB/T 26572, the manufacturer or importer of electrical and electronic products shall label it according to Figure 1. If the content of hazardous substances in the product does not meet the requirements of GB/T 26572, it shall be labeled according to Figure 2, meanwhile the name and content information of the hazardous substances in the product shall be provided according to the requirements of 5.2.

5.2 Names and information table of hazardous substances in electrical

and electronic products

5.2.1 The names and information table of hazardous substances in electrical and

electronic products (hereinafter referred to as "information table") is shown in Table 1, where.

a) The first line of the information table is the table header; the first column is the

5.2.2 If the content of each hazardous substance in a component meets the requirements

of GB/T 26572, the component does not need to be included in the information table.

5.2.3 If the content of hazardous substances in a component does not meet the

requirements of GB/T 26572, for the same type of components with the same hazardous substance content information, a combined labeling method can be used, such as plastic structural parts, various cables, etc. Otherwise, it shall not be combined with other components, meanwhile similar expressions such as "others" shall not be used to replace the names of such components.