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

GB 16487.8-2017

Replacing GB 16487.8-2005

**Environmental protection control standard for imported solid
wastes as raw materials -- Waste electric motors
(English Translation)**

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of Quality Supervision, Inspection and Quarantine of the People's
Republic of China**

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Foreword

In order to carry out the "Law of the People's Republic of China on Prevention and Control of Environmental Pollution by Solid Wastes", "Prevention and Control of Radioactive Pollution by the People's Republic of China Law "and other laws and regulations, control imports of waste electrical as raw materials can be caused by environmental pollution, the development of this standard.

This standard specifies the import waste electrical environmental control requirements.

This standard is one of the series of control standards for imported solid waste environmental protection, applicable to the import of solid waste can be used as raw materials Catalog on waste electrical import management.

This standard was first released in 1996, the first revision in 2005, this is the second revision.

The main content of this revision.

- Increased the requirement for external radiation penetration of imported waste electrical machines;
- Adjusted hazardous waste control requirements;
- tightened control requirements for general inclusions;
- revised inspection requirements.

From the date of the implementation of this standard, "Imported as a raw material for the control of solid waste environmental protection standards - waste motor" (GB 16487.8-2005) Repealed.

This standard was revised by the Ministry of Environmental Protection Soil and Environmental Management Division, Science and Technology Standards Division.

This standard is mainly drafted by. China Academy of Environmental Sciences.

This standard MEP approved on December 29, 2017.

This standard since March 1, 2018 implementation.

This standard is interpreted by the MEP.

Import can be used as raw material for solid waste environmental protection control standards - Waste motor

1 Scope of application

This standard specifies the import waste electrical environmental control requirements.

This standard applies to the following import waste motor management.

Customs Product Code Solid Waste Name

7404000010 Recycling copper-based waste motor

2 Normative references

This standard references the following documents in the terms. For undated references, the effective version applies to this standard.

GB 5085.1 hazardous waste identification standard corrosive identification GB 5085.2 Hazardous Wastes Identification Standard Acute Toxicity Screening GB 5085.3 hazardous waste identification standard leaching toxicity identification GB 5085.4 Hazardous Waste Identification Standard Flammability Identification GB 5085.5 hazardous waste identification standard reactive identification GB 5085.6 Hazardous Waste Identification Standard Toxic substance content identification SN/T 0570 Import can be used as raw materials waste radioactive contamination inspection procedures SN/T 1791.8 Waste Inspection and Quarantine Procedures for Imported Use of Raw Materials - Part 8. Waste Electrical Machines "National List of Hazardous Wastes" (Ministry of Environmental Protection, National Development and Reform Commission, Ministry of Public Security Order No. 39)

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1 Inclusions Carried-waste

In the production, collection, packaging and transportation of imported waste motor mixed with other substances (excluding imported waste electrical Packaging and other materials to be used in transit).

4 Control standards and requirements

4.1

Radioactive waste imported motor control of pollution should meet the following requirements.

- a) Waste motor is not mixed with radioactive waste;
- b) Waste electrical machinery (including packaging) of the external radiation penetration radiation dose rate does not exceed the normal natural radiation at the location of the port of entry Background value 0.25 $\mu\text{Gy/h}$;
- c) The level of radioactive contamination of alpha, beta radioactive waste on the surface of the motor is. the maximum detection level of 300 cm^2 at any part of the surface the average alpha does not exceed 0.04 Bq/cm^2 and beta does not exceed 0.4 Bq/cm^2 ;
- d) Waste motor radionuclide specific activity should be lower than the limits of Table 1.

Table 1 radionuclide specific activity limits

Nuclide specific activity (Bq/g) Beta-gamma mixture of unknown ingredients 0.3 Alpha mixture of unknown ingredients 0.1

4.2

Waste motor is not mixed with abandoned bombs, shells and other explosive weapons ammunition.

4.3

waste electrical machinery should be strictly limited inclusion of the following inclusions, the total weight should not exceed 0.01% by weight of imported waste electrical motor.

- a) oil on the surface of the waste motor;
- b) airtight container;
- c) Wastes from the National List of Hazardous Wastes;
- d) based on GB 5085.1 ~ GB 5085.6 identification criteria for identification, where corrosive, toxic, flammable, anti-Other Hazardous Wastes with One or More Hazardous Characteristics

4.4

Except the wastes listed in the above articles, other inclusions (including waste wood, waste paper, waste fiber, waste Glass, waste plastics, waste rubber and other wastes), the total weight should not exceed 0.5% of the weight of imported waste electrical machines.

5 Test

5.1

The standard test to take a random sample test approach to the import of waste containers shipped to take out of the box, dig box, unpacking /Bundles, sorting method of inspection, the bulk of imported waste by sea to open inspection and landing inspection methods, the bulk of land of imported waste to take out of the box inspection and floor inspection methods, if necessary, sent to the laboratory for testing (including radionuclide ratio Activity, hazardous characteristics, etc.). The results of random sampling test as a whole lot of goods inspection results.

5.2

The standard 4.1 test in accordance with the provisions of SN/T 0570 implementation.

5.3

This standard 4.3d) in accordance with the provisions of GB 5085.1 ~ GB 5085.6 test method.

5.4

The other provisions of this standard test in accordance with SN/T 1791.8 regulations.