

HJ

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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**Self-monitoring technology guidelines for pollution sources -
Industrial solid waste and hazardous waste storage, recycling,
treatment and disposal**

(English Translation)

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Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and Definitions
4 General requirements for self-monitoring
5 Monitoring plan formulation
6 Information logging and reporting
7 Other

1 Scope of application

This standard specifies the general requirements for self-monitoring, monitoring plan formulation, information recording and Basic content and requirements of records and reports.

This standard is applicable to the water and air pollutants discharged by industrial solid waste and hazardous waste disposal units during the production and operation stage.

Self-monitoring of noise and impact on surrounding environmental quality.

Requirements for self-monitoring of general industrial solid waste, hazardous waste (including medical waste) incineration units and self-built solid waste incineration facilities the requirements shall be implemented in accordance with HJ 1205; the self-monitoring requirements of waste lead-acid disposal facilities and discharge outlets shall be implemented in accordance with HJ 1208; the supporting power boiler the self-monitoring requirements for other production facilities and discharge outlets that are not specified in this standard shall be implemented in accordance with HJ 820;

Industry self-monitoring technical guidelines and HJ 819 implementation. Self-monitoring of solid waste utilization and disposal facilities and discharge outlets built by pollutant discharge units may refer to Implementation of this standard.

2 Normative references

This standard refers to the following documents or clauses thereof. For dated references, only the dated version applies to this standard.

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

GB 8978 Integrated Wastewater Discharge Standard GB 18598 Hazardous Waste Landfill Pollution Control Standard GB 18599 General Industrial Solid Waste Storage and Landfill Pollution Control Standard HJ 2.2 Technical Guidelines for Environmental Impact Assessment Atmospheric Environment HJ 2.3 Technical Guidelines for Environmental Impact Assessment Surface Water Environment HJ 91.2 Technical Specification for Surface Water Environmental Quality Monitoring HJ 164 Technical Specification for Groundwater Environmental Monitoring HJ/T 166 Technical Specification for Soil Environment Monitoring HJ 194 Technical Specification for Manual Monitoring of Ambient Air Quality HJ/T 301 Technical Specification for Environmental Protection of Chromium Slag Pollution Control (Provisional) HJ 442.8 Technical Specifications for Environmental Monitoring in Offshore Sea Areas Part VIII Direct Sea Pollution Sources and Influence on the Water Environment of Offshore Sea Areas monitor HJ 610 Environmental Impact Assessment Technical Guidelines Groundwater Environment HJ 819 General Principles of Technical Guidelines for Self-Monitoring of Pollutants HJ 820 Technical Guide for Self-Monitoring of Pollutant Emission Units Thermal Power Generation and Boiler HJ 964 Environmental Impact Assessment Technical Guidelines Soil Environment (Trial) HJ 1033 Technical Specification for Pollution Discharge Permit Application and Issuance Industrial Solid Waste and Hazardous Waste Treatment HJ 1200 Technical Specification for Pollution Discharge Permit Application and Issuance Industrial Solid Waste (Trial) HJ 1205 Technical Guidelines for Self-Monitoring of Pollutant Discharge Units Solid Waste Incineration HJ 1208 Technical Guidelines for Self-Monitoring of Pollutant Discharge Units Nonferrous Metals Industry - Recycled Metals "National Hazardous Waste List"

3 Terms and Definitions

The following terms and definitions apply to this standard.

Pollutant emission unit of industrial solid waste and hazardous waste treatment and hazardous waste storage, recycling, treatment and disposal Sewage units that carry out storage, disposal of general industrial solid waste and storage, utilization and disposal of hazardous waste.

General industrial solid waste storage and disposal pollutant emission unit of general industrial solid waste storage and disposal Sewage units complying with GB 18599 that carry out general industrial solid waste storage and disposal activities.

Pollutant emission unit of hazardous waste storage Sewage units that carry out activities such as temporarily placing hazardous wastes in specific facilities or places.

Pollutant emission unit of hazardous waste recycling Sewage units that carry out activities such as extracting substances from hazardous wastes as raw materials or fuels.

pollutant emission unit of hazardous waste disposal Carry out hazardous waste incineration and other methods to change the physical, chemical and biological properties of hazardous

waste to reduce the hazardous waste generated Quantity, reduce the volume of hazardous waste, reduce or eliminate its hazardous components, or place hazardous waste finally in a refill that meets the requirements of environmental protection regulations.

Sewage units for activities such as burials.

pollutant emission unit of medical waste disposal Sewage units that carry out activities such as microwave disinfection centralized treatment, chemical disinfection centralized treatment, and high-temperature steam centralized treatment.

rainwater outlet

A discharge outlet that discharges natural precipitation directly or through trenches, canals, pipelines and other facilities to the outside of the factory boundary.

4 General requirements for self-monitoring

The pollutant discharging unit should find out the pollution source, pollutant index and potential environmental impact of the unit, formulate a monitoring plan, set up and maintain monitoring facilities, carry out self-monitoring in accordance with the monitoring plan, do a good job in quality assurance and quality control, record and save monitoring information, and disclose it to the public in accordance with the law Monitoring results.

5.1 Wastewater discharge monitoring

5.1.1

The waste water discharge monitoring points, monitoring indicators and minimum monitoring frequency of general industrial solid waste storage and disposal units shall be implemented in accordance with Table 1.

The monitoring frequency of bits and indicators shall be determined with reference to this standard.

5.5.4 Sampling methods, monitoring and analysis methods, monitoring quality assurance and quality control shall be implemented in accordance with HJ 819.

5.5.5 The description and changes of the monitoring program shall be implemented in accordance with HJ 819.

6.1.1 Monitoring information record

Manual monitoring records and automatic monitoring operation and maintenance records are implemented in accordance with HJ 819. The authenticity and accuracy of the automatic monitoring data by the sewage unit Responsible for the abnormal data transmission should be reported in a timely manner, and implemented in accordance with national standards or automatic monitoring data abnormality marking rules.

6.1.2 Receiving solid waste information

The sewage discharge unit should record the entry information of external general industrial solid waste, including entry time, solid waste name, waste type, waste Generation unit, physical state, waste weight, storage facility code, etc.

The landfill should record the landfill situation, including the time of entering the landfill, the name of the waste, and the type of waste (if it is a hazardous waste, the hazardous waste should also be recorded.

hazardous waste code), location of waste removal, quality of landfill waste, solidification/stabilization, weight/volume of waste after solidification/stabilization, accumulative Calculate landfill volume, remaining storage capacity, etc.

Incoming information of foreign hazardous waste, outgoing information of inventory hazardous waste, landfill status, utilization/disposal information of inventory hazardous waste, Hazardous waste sample analysis information and hazardous waste sample test report shall be recorded in accordance with relevant requirements.

6.1.3 Recording requirements for the operation status of production and pollution control facilities

6.1.3.1 General provisions

The pollutant discharging unit shall record the operation status of production and pollution control facilities in detail, and refer to 6.1.3.1~6.1.3.5 and HJ 1033 in daily production Record relevant information and organize it into a ledger for future reference.

6.1.3.2 Production Health Record

According to the process production unit or production line, record the operating status, production load, Operating parameters, main product output, raw and auxiliary materials and fuel usage (including type, name, dosage, composition analysis) and other information.

6.1.3.3 Records of operation status of wastewater treatment facilities

Record the amount of wastewater treated, discharged, reused water, and the name and amount of chemicals used in wastewater treatment on a daily basis; record wastewater discharge or reuse where to go; record facility operation, failure and maintenance.

6.1.3.4 Records of operation status of waste gas treatment facilities

The basic situation of purification processes such as dust removal, desulfurization, and volatile organic compounds (VOCs) treatment should be recorded, and the waste gas location should be recorded according to the replacement batch.