

HJ

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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Self-monitoring technology guidelines for pollution sources - Livestock and poultry breeding

排污单位自行监测技术指南 畜禽养殖行业

(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 recording and reporting
7 Other

1 Scope of application

This standard specifies the general requirements for self-monitoring of pollutant discharge units in the livestock and poultry breeding industry, the formulation of monitoring plans, and the basic requirements for information recording and reporting.

content and requirements.

This standard is applicable to the water and air pollutants, noise and pollution to the surrounding environment discharged by the pollutant discharging units of the livestock and poultry breeding industry during the production and operation stage.

Self-monitoring of environmental quality impacts.

This standard does not apply to breeding enterprises that use the resource utilization mode to dispose of livestock and poultry breeding waste.

Self-monitoring requirements for self-provided thermal power generating units (factories) and supporting power boilers shall be implemented in accordance with HJ 820.

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/T 4754-2017 National Economic Industry Classification GB 18596 Pollutant discharge standard for livestock and poultry breeding industry HJ 2.3 Technical Guidelines for Environmental Impact Assessment Surface Water Environment HJ/T 55 Technical

guidelines for monitoring fugitive emissions of air pollutants HJ 91.2 Technical Specification for Surface Water Environmental Quality Monitoring HJ 164 Technical Specification for Groundwater Environmental Monitoring HJ 442.8 Technical Specifications for Environmental Monitoring in Offshore Sea Areas Part VIII Direct Discharge to Sea Pollution Sources and Effects on the Water Environment of Offshore Sea Areas Environmental Impact Monitoring 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 905 Technical Specification for Environmental Monitoring of Odor Pollution HJ 1029 Technical Specifications for the Application and Issuance of Pollutant Discharge Permits for Livestock and Poultry Breeding Industry

3 Terms and Definitions

The terms and definitions defined in GB 18596 and the following apply to this standard.

pollutant emission unit of livestock and poultry breeding Engaged in GB/T 4754-2017 Industry Code 031 Livestock Breeding, 032 Poultry Breeding, 039 Other Animal Husbandry, 0531 Animal Breeding Large-scale livestock and poultry farms for animal breeding activities such as breeding activities. Specific breeding species include pigs, beef cattle, dairy cows, laying hens, broilers, ducks, Goose, sheep and other livestock breeds whose scale standards are clearly stipulated by the provincial people's government.

large-scale livestock and poultry farm Livestock and poultry farms whose breeding scale (determined by the maximum breeding capacity of the farm) has reached the scale standard determined and announced by the provincial people's government in accordance with the law Place.

factory boundary

A place where the owner's ownership (or right to use) is determined by legal documents (such as land use certificates, property certificates, lease contracts, etc.) or the boundary of buildings, for livestock and poultry farms, in principle, the actual land occupied (including construction land, self-owned manure disposal land and leased manure disposal the boundary of the manure disposal land is considered as the boundary of the livestock and poultry farms.

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

Wastewater discharge monitoring points, monitoring indicators and minimum monitoring frequency are implemented in accordance with Table 1.

5.2 Monitoring of fugitive exhaust emissions

The monitoring points, monitoring indicators and minimum monitoring frequency of fugitive exhaust emissions shall be implemented in accordance with Table 2.

5.3 Monitoring of ambient noise at the site

5.3.1

The setting of monitoring points for environmental noise at the farm boundary should follow the principles in HJ 819, mainly considering breeding pens, crushing equipment, fans, exposure the distribution of noise sources such as gas equipment, dehydration equipment, and pumps in the site area and the location of surrounding noise-sensitive buildings.

5.3.2

Daytime and nighttime noise monitoring shall be carried out at least once every quarter for ambient noise at the site boundary.

When affected by the frequent and occasional noises, measure the maximum sound level of the frequent and occasional noises at the same time. Night noise monitoring may not be carried out for those who do not produce at night. noise around for sound-sensitive buildings, the frequency of monitoring should be increased.

5.4 Surrounding environmental quality impact monitoring

5.4.1

If there are clear provisions in laws and regulations, the surrounding environmental quality impact monitoring shall be carried out as required.

5.4.2

If there is no specific requirement, if the pollutant discharging unit deems it necessary, it may refer to HJ 2.3, HJ 91.2, HJ 610, HJ according to the actual situation 164. The relevant regulations in HJ 442.8 carry out monitoring of surrounding surface water, groundwater and seawater. Monitoring indicators and minimum monitoring frequency are in accordance with the table

3 Execute.

5.5 Other requirements

5.5.1

In addition to the pollutant indicators in Tables 1 and 2, the pollutant indicators in 5.5.1.1 and 5.5.1.2 should also be included in the scope of monitoring indicators, and refer to Table 1~Table 2 and HJ 819 to determine the monitoring frequency.

5.5.1.1

Pollutant Discharge Permit, Implemented Pollutant Discharge (Control) Standards, Environmental Impact Assessment Documents and Their Approvals [Only in 2015 Pollutant discharge units that have obtained the approval of environmental impact assessment after January 1, 2009], and the pollutants specified in the relevant ecological environment management regulations.

mark.

5.5.1.2

The sewage discharge unit determines the actual discharge according to the raw and auxiliary materials used in the production process, the production process, the types of intermediate and final products, and the monitoring results.

released, the pollutant indicators in the list of toxic and hazardous pollutants or the priority control chemicals list, or other toxic pollutant indicators.

5.5.2

The monitoring frequency of each indicator can be increased according to the determination principle in HJ 819 on the basis of meeting this standard.

5.5.3

Key pollutant discharging units shall install and use automatic monitoring equipment according to laws and regulations. Non-key pollutant discharging units do not have mandatory requirements.

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

5.5.4

Sampling methods, monitoring 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.