

HJ

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Technical guidelines of accounting method for pollution source intensity - Pesticide industry

污染源源强核算技术指南 农药制造工业

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Foreword

To implement the Environmental Protection Law of the People's Republic of China, the Environmental Impact Assessment Law of the People's Republic of China Law on Prevention and Control of Atmospheric Pollution, Law of the People's Republic of China on Prevention and Control of Water Pollution, Law of the People's Republic of China on Prevention and Control of Environmental Noise Pollution Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes, etc., to improve the system of strong accounting methods for fixed sources of pollution, guidance and this standard is formulated to regulate the strong accounting of pollution sources in the pesticide manufacturing industry.

This standard stipulates the procedures, contents and accounting for the strong accounting of waste gas, wastewater, noise and solid waste pollution sources in pesticide manufacturing industry.

Methods and requirements, etc.

Appendix A of this standard is an informative annex.

This standard is the first release.

This standard is formulated by the Department of Environmental Impact Assessment and Emission Management of the Ministry of Ecology and Environment, and the Department of Regulations and Standards.

This standard is mainly drafted by. Environmental Engineering Evaluation Center of the Ministry of Environmental Protection, Shanghai Research Institute of Chemical Industry, Shenyang Chemical Research Institute Research Institute Co., Ltd., China Pesticide Industry Association.

This standard is approved by the Ministry of Ecology and Environment on December 25, 2018.

This standard has been implemented since March 1, 2019.

This standard is explained by the Ministry of Ecology and Environment.

Technical Guidelines for Strong Sources of Pollution Sources Pesticide Manufacturing Industry

1 Scope of application

This standard stipulates the procedures, contents, methods and requirements for the strong accounting of pollution sources in the pesticide manufacturing industry.

This standard is applicable to the source strength accounting of new (reconstruction, expansion) construction projects and existing engineering pollution sources in the pesticide manufacturing industry.

This standard is applicable to the strong accounting of pollution sources during normal and abnormal discharge of pesticide manufacturing industry, and is not applicable to sudden leakage, fire, explosion.

Strong source of pollution sources in case of accidents.

This standard is applicable to the source strength accounting of waste gas, waste water, noise and solid waste pollution sources in the production process of pesticide manufacturing industry. Implementation of GB 13223 the boiler source is strongly calculated according to HJ 888, and the boiler source of GB 13271 is calculated according to HJ 991.

2 Normative references

This standard refers to the terms of the following documents. For undated references, the valid version applies to this standard.

GB 8978 Integrated Wastewater Discharge Standard GB 12348 industrial enterprise boundary environmental noise emission standards GB 13223 Standard for emission of atmospheric pollutants from thermal power plants GB 13271 Boiler Air Pollutant Emission Standard GB 14554 Odor Pollutant Emission Standard GB 16297 Integrated emission standards for atmospheric pollutants GB 18484 Hazardous Waste Incineration Pollution Control Standard GB 18597 Hazardous Waste Storage Pollution Control Standard GB 18599 General industrial solid waste storage and disposal site pollution control standards

GB 21523 Heterogeneous pesticide industrial water pollutant discharge standard GB 50015 Building Water Supply and Drainage Design Code GB/T 16157 Method for sampling particulate matter and gaseous pollutants in fixed pollution source exhaust HJ 2.1 General Outline of Technical Guidelines for Environmental Impact Assessment of Construction Projects HJ 2.2 Technical Guidelines for Environmental Impact Assessment Atmospheric Environment HJ 2.3 Environmental Impact Assessment Technical Guidelines Surface Water Environment HJ 2.4 Environmental Impact Assessment Technical Guidelines Acoustic Environment HJ 75 Fixed Pollution Source Flue Gas (SO₂, NO_x, Particulate Matter) Emissions Continuous Monitoring Technical Specification HJ 76 Technical requirements and test methods for continuous monitoring system for stationary pollution source flue gas (SO₂, NO_x, particulate matter) HJ/T 91 Surface Water and Wastewater Monitoring Technical Specifications HJ/T 92 Water Pollutant Total Monitoring Technical Specification HJ/T 353 Water Pollution Source Online Monitoring System Installation Technical Specification (Trial) HJ/T 354 Water Pollution Source Online Monitoring System Acceptance Technical Specification (Trial) Technical Specifications for Operation and Assessment of HJ/T 355 Water Pollution Source Online Monitoring System (Trial) HJ/T 356 Water Pollution Source Online Monitoring System Data Validity Discrimination Technical Specification (Trial) HJ/T 373 Technical Specifications for Quality Assurance and Quality Control of Fixed Pollution Source Monitoring (Trial) HJ/T 397 Fixed Source Exhaust Gas Monitoring Technical Specification HJ 582 Technical Guidelines for Environmental Impact Assessment Pesticide Construction Project HJ 630 Environmental Monitoring Quality Management Technical Guidelines HJ 862 Sewage Permit Application and Issuance Technical Specification Pesticide Manufacturing Industry HJ 884 Guidelines for the Guidelines for Sources of Pollution Sources HJ 888 Pollution Source Power Accounting Technical Guide HJ 991 Pollution Source Power Accounting Technical Guide Boiler HJ 2045-2014 Technical specification for petroleum refining industrial wastewater treatment engineering

3 Terms and definitions

The following terms and definitions apply to this standard.

Pesticide manufacturing industry Refers to diseases, insects, grasses, rats and other harmful organisms used to control agricultural and forestry crops, and various chemical pesticides and micro-organisms that regulate plant growth.

Biological pesticides, biochemical pesticides, and anti-corrosion of warehousing, agricultural and forestry products, river dams, railways, airports, buildings and other places Production activities of the original drug and preparation of the drug.

Volatile organic compounds (VOCs) the organic compound involved in the atmospheric photochemical reaction, or the determined organic compound is measured or calculated according to the relevant regulations. according to Industry characteristics and environmental management requirements, the method of quantitative addition of major

VOCs can be selected to measure total organic compounds (to TOC) Indicates), or by measuring the reference material, the detector measures the comprehensive response of VOCs in the mixed injection to measure non-methane organic compounds.

(in NMOC, in terms of carbon). This standard is characterized by non-methane total hydrocarbons.

Non-methane hydrocarbon the general name of the gaseous organic compounds other than methane (in terms of carbon) using the specified monitoring method.

Abnormal discharge

Refers to the discharge of pollutants under abnormal conditions of production facilities or pollution prevention (control) measures. For example. hazardous waste incinerator start and stop when the flue gas treatment system is abnormally discharged, or other process equipment is abnormally operated, the pollution prevention and control facilities fail to achieve the proper treatment efficiency and operate synchronously.

Emissions under abnormal conditions such as rate.

4.1 General principles

The strong source accounting procedures include pollution source identification and pollutant determination, accounting methods and parameter selection, source strength accounting, and accounting results.

For details, see HJ 884 for details.

4.2 Identification of pollution sources

The identification of pollution sources in pesticide manufacturing industry shall comply with the technical guidelines for environmental impact assessment such as HJ 2.1, HJ 2.2, HJ 2.3, HJ 2.4 and HJ 582.

Requirements and covers all sites, equipment or equipment that may generate waste gas, wastewater, noise, solid waste.

4.3 Determination of pollutants

The determination of pollutants in pesticide manufacturing industry shall include GB 8978, GB 14554, GB 16297, GB 18484, GB 21523 and other countries.

And pollutants included in local emission standards. Contaminants that may be produced in the production process but not included in national or local emission standards, According to environmental quality standards, other industry standards, other national emission standards, local people's governments or environmental protection departments Good demand, based on the analysis of raw and auxiliary materials and fuel use and production