

HJ

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Technical guidelines of accounting method for pollution source intensity - Leather making industry

污染源强核算技术指南 制革工业

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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 Gas 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 the Prevention and Control of Environmental Pollution by Solid Wastes Law of the Republic of China on the Prevention and Control of Environmental Noise Pollution, etc., improve the system of strong accounting methods for fixed sources of pollution, and guide and standardize the tanning industry this standard is formulated for the strong accounting of pollution sources.

This standard stipulates the procedures, contents, methods and requirements for the strong accounting of pollution sources of waste water, waste gas, noise and solid waste in the tanning industry.

Appendix A to Appendix D of this standard are informative annexes.

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 Assessment Center of the Ministry of Environmental Protection and China Light Industry Cleaner Production Center.

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

This standard was implemented on March 1, 2019.

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

1 Pollution source strong accounting technical guide tanning industry

1 Scope of application this standard stipulates the procedures, contents, accounting methods and requirements for strong accounting of pollution sources in the tanning industry.

This standard is applicable to the pollution sources and existing engineering pollution of new (reconstruction and expansion) construction projects using cowhide, sheepskin and pigskin as raw materials in the tanning industry.

The source of the source is calculated, and the source of the new (reconstruction, expansion) construction of the tanning with other animal furs as the raw material and the source of the existing engineering pollution source refer to the implementation.

This standard is applicable to the strong accounting of normal and abnormal emissions of the tanning industry, and is not applicable to accidents such as sudden leakage, fire, explosion, etc.

The source is under strong accounting.

This standard is applicable to the strong accounting of waste gas, waste water, noise and solid waste in the production process of the tanning industry and public and auxiliary engineering. Implementation of GB 13223 the source of pollution such as boilers is strongly calculated according to HJ 888; the source of pollution such as boilers implementing 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 9078 industrial furnace kiln air pollutant discharge standards 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 30486 Water pollutant discharge standard for tannery and fur processing industry GB 50015 Building Water Supply and Drainage Design Code GB/T 16157 Determination of particulate matter in fixed source exhaust and gaseous pollutant sampling method 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 HJ/T 354
water pollution source online monitoring system acceptance technical specification
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) 2HJ/T 397 Fixed source exhaust gas monitoring technical specification HJ
630 Environmental Monitoring Quality Management Technical Guidelines HJ 819 General
Guidelines for Self-Monitoring Technical Units of Sewage Units HJ 859.1 Application for
Pollution Discharge Permit and Issuance of Technical Specifications Tanning and Fur
Processing Industry - Tanning 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

3 Terms and definitions

The following terms and definitions defined by HJ 884 apply to this standard.

Raw hide/skin

It refers to the skin derived from pigs, cattle, sheep and other animals and has not been treated with antiseptic treatment. It is the basic raw material of the tanning industry.

Finished leather

Refers to leather that has been processed and can be sold as a finished product.

Blue wet leather wet blue Refers to the wet leather with a blue-blue to blue appearance after the naked skin is tanning with chrome tanning agent.

Raw material

Refers to the original state of the leather used in the processing of leather by the tannery, including all stages of the product before the finished leather, such as rawhide and blue-wet leather.

Wait.

Abnormal discharge

Refers to the discharge of pollutants under abnormal conditions of production facilities or pollution prevention (control) measures, such as exhaust gas pollution control facilities due to failures, etc.

The reason is that it does not meet the emissions under abnormal conditions such as governance efficiency and synchronous operation 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.

34.2 Identification of pollution sources

The identification of pollution sources in the tanning industry shall comply with the requirements of the technical guidelines for environmental impact assessment such as HJ 2.1, HJ 2.2, HJ 2.3, HJ 2.4, etc.

Cover all locations, equipment or equipment that may produce waste water, waste gas, noise, solid waste contaminants.

4.3 Determination of pollutants the determination of pollutants in various pollution sources in the tanning industry shall include GB 12348, GB 14554, GB 16297, GB 30486 and other countries and regions.

Contaminants in the standard discharge standards. Contaminants that may be produced in the production process but not included in national or local emission standards may be based on the environment.

Quality standards, other industry standards, other national emission standards, environmental quality improvement needs of local people's governments or ecological environment authorities, Analyze and determine according to the raw and auxiliary materials and fuel use and production process.

4.4 Accounting method selection

4.4.1 General principles the strong accounting methods for pollution sources in the tanning industry include material balance algorithm, analogy method, actual measurement method and pollution yield coefficient method, accounting method and selection.

The order is shown in Table 1. If the priority method cannot be used, reasonable reasons should be given.