

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

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**Technical specification for application and issuance of
pollutant permit Petrochemical Industry**

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Table of Contents

Preface

1. Scope of application

1 Scope of application

Normative reference document

3 Terms and definitions

4. The basic requirements of the sewage unit

5 Determination of emission and emission limits and permitted emission limits

6 Pollution control feasible technology 14

7 Self-monitoring management requirements

8. Environmental management desk and discharge permit implementation report preparation requirements

10 Compliance Determination Method

Appendix A (informative) petrochemical industry sewage unit production plant .30

Appendix B (informative) part of the production facilities to fill in the report .33

Appendix C (informative) Schedule of waste gas treatment and waste water treatment facilities

Appendix D (informative) Storage tank Unorganized volatile organic matter Permissible emissions Default calculation parameters 70

Appendix E (informative) Environmental Management Accounting Record Reference Table

Appendix F (informative) Report on the implementation of the discharge permit

I preface

In order to implement the Law of the People's Republic of China on Environmental Protection, the Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution, and the State Water Pollution Prevention Law "and other laws and

regulations and the" General Office of the State Council on the issuance of emission control of pollutants licensing system implementation of the notice " (National Office issued [2016] No. 81), improve the technical licensing system for sewage permits, to guide and regulate the petrochemical industry sewage permit application and nuclear Work to develop this standard.

This standard specifies the petrochemical industry sewage permit application and issuance of the basic situation to fill in the requirements of the permit emission limit to determine the actual Emission accounting, compliance determination methods and self-monitoring, environmental management accounts and emissions permit implementation report and other environmental management requirements, Put forward the petrochemical industry pollution prevention and control feasible technical requirements.

Where the issuing authority issues a permit for the discharge of the sewage, it shall, in the case of a country or a place where it is expressly prohibited in the construction area Clearly stipulated to be eliminated or banned petrochemical industry sewage units or production equipment, should not be issued petrochemical industry sewage permit.

Appendix A to Appendix F of this standard are informative.

This standard is the first release.

This standard is formulated by the Planning and Finance Division of the Ministry of Environmental Protection and the Standards Division of Science and Technology.

The drafting of this standard. Hainan Provincial Environmental Science Research Institute, China University of Petroleum (East China), China Petroleum & Chemical Corporation Division Fushun Petrochemical Research Institute, Environmental Protection Department Environmental Engineering Assessment Center, Renmin University of China, China Petroleum Group Safety and Environmental Protection Technology Research Institute, CNOOC Environmental Protection Services (Tianjin) Co., Ltd.

This standard is approved by the Ministry of Environmental Protection on August 22, 2017.

This standard has been implemented since August 22, 2017.

This standard is explained by the Ministry of Environmental Protection.

1 sewage permit application and issuance of technical specifications petrochemical industry

1. Applicable scope this standard specifies the petrochemical industry sewage permit application and issuance of the basic situation to fill in the requirements of the permit emission limit to determine the actual Emissions accounting, compliance with the technical methods and self-monitoring, environmental management accounts and emissions permit implementation report and other environmental management Requirements, put forward the petrochemical industry pollution prevention and control of feasible technical requirements.

This standard applies to guide the petrochemical industry sewage unit to fill out the "sewage permit application form" and fill in the relevant application information online, appropriate Used to guide the issuance authorities to determine the petrochemical industry sewage unit permit.

This standard applies to the petrochemical industry sewage unit emissions of air pollutants and water pollutants permit management, including GB 31570, GB 31571 and GB 31572 in the oil refining, petrochemical, synthetic resin industrial sewage units.

Petrochemical industry sewage units, the implementation of GB 13223 production facilities and discharge ports for the ring water [2016] 189 in the annex 1 "thermal power industry sewage permit application and issuance of technical specifications"; implementation of GB 13271 production facilities and discharge ports with reference to this standard Line, pending the application of the boiler sewage permit and issued after the promulgation of technical regulations.

This standard does not make provision, but the discharge of industrial waste water, waste gas or national regulations of toxic and harmful air pollutants in the petrochemical industry sewage Other production facilities and discharge of the unit, with reference to the "sewage permit application and issuance of technical specifications" implementation.

2. Normative references to documents this standard refers to the following documents or the terms thereof. For undated references, the valid version applies to this standard.

Emission standard of air pollutants in thermal power plants GB 13223 GB 13271 Boiler Air Pollutant Emission Standard Emission standard for odorous pollutants GB 14554 Standard for Pollution Control of Hazardous Waste Incineration Emission Standard for Industrial Pollutants for Petroleum Refining Petroleum and chemical industry - Pollutant emission standards GB 31572 Synthetic resin - Industrial pollutant discharge standard Determination of particulate matter and sampling method of gaseous pollutants in exhaust gas of fixed pollution sources GB/T 16157 Technical Guidelines for Unorganized Emissions Monitoring of Air Pollutants HJ/T 75 fixed pollution sources flue gas discharge continuous monitoring technical specifications (Trial) HJ/T 76 fixed pollution source flue gas emissions continuous monitoring system technical requirements and testing methods (Trial) Technical specification for surface water and wastewater monitoring HJ/T 212 Pollution Source Online Automatic Monitoring (Monitoring) System Data Transmission Standard HJ/T 353 water pollution source on-line monitoring system installation technical specifications (Trial) HJ/T 354 Water Pollution Source Online Monitoring System Acceptance Technical Specification (Trial) HJ/T 355 water pollution source on-line monitoring system operation and assessment of technical specifications (Trial) HJ/T 356 Water pollution source online monitoring system data validity judgment technical specification (Trial) HJ/T 373 fixed pollution source monitoring quality assurance and quality control technical specifications (Trial) Technical specification for HJ/T 397 fixed source exhaust gas monitoring Technical specification for preservation and management of water quality samples Technical

Guidance for Water Quality Sampling Technical specification for water quality sampling scheme design of HJ 495 Technical Guidelines for the Detection of Volatile Organic Compounds for Leakage and Open Liquid Discharge General guidelines for self - monitoring of sewage disposal units Technical Guideline for Self - Monitoring of Sewage Discharge Unit Technical specification for industrial wastewater treatment of petroleum refining industry General rules for application and issuance of emission permits HJ -- -20 -- Discharge Unit Self-Monitoring Technical Guide Petroleum Refining Industry HJ -- -20 -- Self-monitoring technical guidelines for sewage units. Petrochemical industry HJ -- -20 - - Environmental Management Account and Discharge Permit Implementation Report Technical Specification (Trial) Fixed pollution source pollution permit classification management directory "Notice of the General Office of the State Council on Strengthening Enforcement of Environmental Supervision Law" (No. 46 [2014] of the State Council) "Pollution source automatic monitoring facilities operation and management approach" (Central [2008] No. 6) "Notice on the Implementation of Special Limitation of Emissions of Air Pollutants" (Announcement No. 14 of 2013) "Sewage outfall standardization of technical requirements (Trial)" (Environmental Monitoring [1996] No. 470) "Notice on the Issuance of the Interim Provisions on the Administration of Pollution Permit" (Ring Water [2016] No. 186) "On the thermal power, paper industry and the Beijing-Tianjin-Hebei pilot cities elevated source sewage permit management notice" (ring water body [2016] 189) "On the issuance of petrochemical industry VOCs pollution source troubleshooting work guide" and "petrochemical enterprises leak detection and repair work guide" pass Know "(Central Office [2015] 104) "Reply to the question of the special discharge limit for the implementation of air pollutants" (Circular No. 1087) ["Notice on Strengthening the Relevant Issues Concerning the Automatic Monitoring of Pollutants at Elevated Source in Beijing and Tianjin Provinces" (Circular No. 1488) 3. Terms and definitions the following terms and definitions apply to this standard.

3.1 petroleum refining industry petroleum refining industry Refers to crude oil, heavy oil as raw materials, the production of gasoline fractions, diesel fractions, fuel oil, lubricants, petroleum wax, petroleum asphalt and Petrochemical raw materials and other industries.

Petrochemical industry Refers to the oil fractions, natural gas as raw materials, the production of organic chemicals, synthetic resin, synthetic fiber, synthetic rubber and other industries.

Synthetic resin industry Refers to the low molecular weight compound - monomer as the main raw material, the use of polymerization into a large molecular way to produce synthetic resin industry, or the use of ordinary synthetic resin as raw material, the use of modified methods such as the production of new synthetic resin products industry.

3.4 permissible emission limits Refers to the maximum discharge concentration (or rate) and emissions of pollutants discharged by the pollutant discharge unit as specified in the pollutant discharge permit.