

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

HJ/T 404-2007

**Technical specifications for acceptance of environmental
protection facilities for completed construction projects - Iron
and steel industry
(English Translation)**

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1 Scope of application

This standard specifies the working procedures and general requirements for the acceptance check of completed environmental protection facilities for iron and steel industry construction projects, and proposes start-up acceptance, Technical requirements for acceptance self-inspection, preparation of acceptance monitoring plan, implementation of acceptance monitoring and inspection, and preparation of acceptance monitoring report (table).

This standard is applicable to the acceptance of completed environmental protection facilities for steel industry construction projects, but not to coking, ferroalloy, iron ore mining and dressing, Foundry industry construction projects.

The acceptance work of the completed environmental protection facilities for the self-provided thermal power generating units (plants) in the iron and steel industry construction projects shall be carried out in accordance with HJ/T 255.

The acceptance work of completed environmental protection facilities for projects with

ecological impacts such as dams and mines shall be carried out in accordance with HJ/T 394.

Other contents not stipulated in this standard shall be in accordance with the Pollution Impact Category of the Technical Guidelines for Environmental Protection Acceptance of Construction Projects (Ministry of Ecology and Environment) Report No. 9 of 2018) Annex implementation.

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 3096 Acoustic Environment Quality Standard GB 5085.7 General Rules for Identification Standard of Hazardous Waste GB 12348 Industrial Enterprise Boundary Environmental Noise Emission Standard GB 13271 Boiler Air Pollutant Emission Standard GB 13456 Water Pollutant Discharge Standard for Iron and Steel Industry GB 14554 Emission Standard of Odor Pollutants GB 18597 Hazardous Waste Storage Pollution Control Standard GB 18599 General Industrial Solid Waste Storage and Landfill Pollution Control Standard GB 28662 Iron and Steel Sintering and Pelletizing Industrial Air Pollutants Emission Standard GB 28663 Ironmaking Industry Air Pollutant Emission Standard GB 28664 Air Pollutant Emission Standard for Steelmaking Industry GB 28665 Standard for Emission of Air Pollutants in Steel Rolling Industry GB 34330 General Rules for the Identification Standard of Solid Waste GB 37822 Volatile organic compound fugitive emission control standard GB/T 8170 Numerical Rounding Rules and Representation and Judgment of Limit Values GB/T 14581 Technical Guidelines for Sampling of Water Quality in Lakes and Reservoirs GB/T 16157 Determination of particulate matter in exhaust gas from stationary pollution sources and sampling methods for gaseous pollutants HJ/T 52 Technical Guidance for Water Quality River Sampling HJ 75 Technical Specification for Continuous Monitoring of Flue Gas (SO₂, NO_x, Particulate Matter) Emissions from Stationary Pollution Sources HJ 76 Technical requirements and detection methods of continuous monitoring system for emission of flue gas (SO₂, NO_x, particulate matter) from stationary pollution sources HJ/T 91 Technical Specification for Surface Water and Sewage Monitoring HJ 91.1 Technical Specification for Wastewater Monitoring HJ/T 92 Technical Specifications for Monitoring Total Discharge of Water Pollutants 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 255 Technical Specifications for Environmental Protection Acceptance of Completion of Construction Projects for Thermal Power Plants HJ 353 Technical Specification for Installation of Water Pollution Source Online Monitoring System

(CODCr, NH₃-N, etc.) HJ 354 Technical Specification for Acceptance of On-Line Monitoring System for Water Pollution Sources (CODCr, NH₃-N, etc.) HJ 355 Technical Specifications for Operation of Online Monitoring System for Water Pollution Sources (CODCr, NH₃-N, etc.) HJ 356 Technical Specification for Data Validity Judgment of Water Pollution Source Online Monitoring System (CODCr, NH₃-N, etc.) HJ/T 394 Environmental Protection Acceptance Technical Specification for Completion of Construction Projects, Ecological Impact Category HJ/T 397 Technical Specification for Stationary Source Waste Gas Monitoring HJ 442.8 the eighth part of the technical specification for environmental monitoring in the coastal waters is the direct discharge of pollution sources and their impact on the water environment in the coastal waters.

sound monitoring

HJ 493 Technical Regulations for the Preservation and Management of Water Quality Samples HJ 494 Water Quality Sampling Technical Guide HJ 495 Technical Regulations for Design of Water Quality Sampling Scheme HJ 630 Environmental Monitoring Quality Management Technical Guidelines HJ 640 Environmental Noise Monitoring Technical Specifications Routine Monitoring of Urban Acoustic Environment HJ 730 Technical Specification for Layout of Environmental Monitoring Points in Offshore Sea Areas HJ 819 General Principles of Technical Guidelines for Self-Monitoring of Pollutants HJ 905 Technical Specification for Environmental Monitoring of Odor Pollution "Announcement on Issuing the Pollution Impact Category of Technical Guidelines for Environmental Protection Acceptance of Completion of Construction Projects" (Announcement of the Ministry of Ecology and Environment no. 9 of 2018) Regulations on the Administration of Pollution Discharge Permits (Order No. 736 of the State Council of the People's Republic of China)

3 Terms and Definitions

The following terms and definitions apply to this standard.

Iron and steel works iron and steel works Enterprises with production processes such as sintering, pelletizing, iron making, steel making and steel rolling. It is divided into iron and steel complexes and iron and steel non-consolidated enterprises.

integrated iron and steel works Iron and steel enterprises with the basic production process of the iron and steel industry at least include production processes such as iron-making, steel-making and steel-rolling.

non integrated iron and steel works Except for iron and steel complex enterprises, with one or more iron and steel industry production processes.

environmental protection facilities Prevent and control environmental pollution and ecological damage, and carry out installations, equipment and engineering facilities required for environmental monitoring.

4 Acceptance work procedures

The acceptance work includes acceptance self-inspection, acceptance monitoring and subsequent acceptance work. The acceptance monitoring work can be divided into the preparation of acceptance monitoring plans, There are three stages of implementation of acceptance monitoring and inspection, and preparation of acceptance monitoring report (table). The follow-up acceptance work includes putting forward acceptance opinions, compiling "their Matters that he needs to explain", forming and making public acceptance reports, registration on the national construction project completion environmental protection acceptance information platform, and file retention Wait. See Appendix A for the acceptance work procedure diagram.

5.1 Collect acceptance data

The collected acceptance data includes environmental protection data, engineering data related to environmental protection, and drawing data. For the list of acceptance documents, please refer to the attached Record B.

5.2 Develop an acceptance work plan

Formulate the acceptance work plan, clarify the acceptance monitoring method of the enterprise's self-test or entrust the technical organization to monitor, and the acceptance work schedule.

6.1 Purpose of self-examination

Self-inspection of the implementation of environmental protection procedures, the completion of projects and environmental protection facilities, and the environmental impact report (table) and its the consistency of the approval decision of the approval department, to determine whether the conditions for the acceptance work as planned; self-inspection of the distribution of pollution sources and pollutant discharge the situation and the setting of the discharge outlet, etc., are used as the basis for formulating the acceptance monitoring plan.

6.2.1 Implementation of environmental protection procedures

The performance of environmental protection formalities includes the project environmental impact report (form) and its approval by the approval department; if there is a major change, the the completion of the corresponding approval procedures; the implementation of the project supervision, inspection and rectification requirements by the national and local ecological environment authorities;

Permit application status or pollution discharge registration status, etc.