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

GB 28662-2012

Replacing GB 16297-1996; GB 9078-1996

**Emission standard of air pollutants for sintering and pelletizing
of iron and steel industry**

钢铁烧结、球团工业大气污染物排放标准

(English Translation)

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Foreword

In order to implement the Environmental Protection Law of the People's Republic of China and the Law of the People's Republic of China on the Prevention and Control of Air Pollution,

The Law of the People's Republic of China on Implementing the Scientific Outlook on Development and Strengthening Environmental Protection, and Other Laws and Regulations

Opinions on Functional Area Planning, Protecting the Environment, Preventing Pollution, Promoting Steel Sintering and Pellet Industry Production Process and Pollution Control

The advancement of technology, the development of this standard.

This standard specifies the limits, monitoring and monitoring requirements for air pollutant emission from steel sintering and pellet production enterprises. For promotion

Coordinated development of regional economy and environment, promote the adjustment of economic structure and the transformation of economic growth mode, and guide steel sintering and ball

The development direction of the group production process and pollution control technology, this standard specifies the special emission limits for atmospheric pollutants.

Steel sintering and pellet production enterprises emit water pollutants, odor pollutants and environmental noise for the corresponding national pollutants

Emission standards, the identification, treatment and disposal of solid wastes are applicable to national solid waste pollution control standards.

This standard is the first release.

From the date of implementation of this standard, the regulations for the implementation of this standard for the control of atmospheric pollutant emissions from steel sintering and pellet production enterprises

Ding, no longer implement the "Integrated Emission Standards for Air Pollutants" (GB 16297-1996) and "Industrial Kiln Air Pollutant Discharges"

Relevant provisions in the Standards for Release (GB 9078-1996).

Local provincial people's governments may formulate local pollutant discharge standards for pollutants not specified in this standard;

The pollutants items that have been stipulated in this standard may be formulated with local pollutant discharge standards that are stricter than this standard.

This standard was formulated by the Science and Technology Standards Department of the Ministry of Environmental Protection.

This standard is mainly drafted by. Anshan Iron and Steel Group Design and Research Institute, Environmental Protection Institute of the Ministry of Environmental Protection.

This standard was approved by the Ministry of Environmental Protection on June 15,.2012.

This standard has been implemented since October 1,.2012.

This standard is explained by the Ministry of Environmental Protection.

Iron and steel sintering, pellet industry air pollutant discharge standards

1 Scope of application

This standard specifies the limits, monitoring and monitoring of atmospheric pollutant emissions from steel sintering and pellet production enterprises or production facilities.

Requirements, as well as standards for implementation and supervision.

This standard applies to the management of atmospheric pollutants in existing steel sintering and pellet production enterprises or production facilities, as well as steel.

Environmental impact assessment of iron sintering and pellet industry construction projects, design of environmental protection facilities, completion of environmental protection acceptance and investment

Management of post-natal air pollutant emissions.

This standard applies to the discharge of pollutants permitted by law. Site selection and special protection areas for newly established pollution sources

The management of pollution sources shall be in accordance with the Law of the People's Republic of China on the Prevention and Control of Air Pollution and the Law of the People's Republic of China on Prevention and Control of Water Pollution

Law of the People's Republic of China on Marine Environmental Protection, Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Wastes, China

The relevant provisions of laws, regulations and rules of the People's Republic of China Environmental Impact Assessment Law are implemented.

2 Normative references

The contents of this standard refer to the terms in the following documents.

GB/T 15432-1995 Determination of total suspended particulate matter in ambient air

GB/T 16157-1996 Determination of particulate matter in fixed pollution source exhaust gas and sampling method of gaseous pollutants

HJ/T 42-1999 Determination of nitrogen oxides from fixed source s

HJ/T 43-1999 Determination of nitrogen oxides from fixed source s

HJ/T 56-2000 Determination of sulphur dioxide in fixed source s

HJ/T 57-2000 Determination of sulfur dioxide in fixed source exhaust gases

HJ/T 67-2001 Determination of Fluoride in Fixed Atmospheric Sources Ion Selective Electrode Method

HJ/T 77.2-2008 Determination of Dioxins in Ambient Air and Exhaust Gases Isotope Dilution High Resolution Gas Chromatography - High

Resolution mass spectrometry

HJ/T 397-2007 Fixed source exhaust gas monitoring technical specification

Measures for the Automatic Monitoring and Control of Pollution Sources (Order No. 28 of the State Environmental Protection Administration)

Measures for the Administration of Environmental Monitoring (Order No. 39 of the State Environmental Protection Administration)

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1 Sintering

Iron-bearing iron and other iron-containing raw materials are added to the flux and solid fuel, and blended according to the required ratio. After mixing with water and granulating, it is laid flat.

On the sintering machine trolley, the fuel is burned by ignition, and the fuel is partially melted and bonded into a block shape.

3.2 Pellet

After the iron concentrate and other raw materials are evenly mixed with an appropriate amount of bentonite, the ball is produced by a pelletizer, and then fired at a high temperature to make the ball

The process of oxidative consolidation.

3.3 Existing companies

Refers to the sintering and pellet production enterprises that have been approved for production or environmental impact assessment documents before the date of implementation of this standard.

Industry or production facilities.

3.4 New Enterprise

Refers to the newly built, rebuilt and expanded sintering and pellet industry approved by the environmental impact assessment document from the date of implementation of this standard.