

ICS 13.040.20

CCS Z 63



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

**GB 28666-2012**

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**Emission standard of pollutants for ferroalloys smelt industry**

**Issued on: September 3, 2012**

**Implemented on: October 1, 2012**

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**Issued by: Ministry of Environmental Protection, General Administration  
of Quality Supervision, Inspection and Quarantine of the People's  
Republic of China**

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1 pH 6~9 6~9

2 suspended matter 100.200

3 Chemical oxygen demand (COD<sub>Cr</sub>) 80.200

4 ammonia nitrogen 8 15

5 total nitrogen 20 25

6 total phosphorus 1.0 2.0

7 Petroleum 5 10

8 volatile phenol 0.5 1.0

9 total cyanide 0.5 0.5

10 total zinc 2 4.0

11 hexavalent chromium 0.5

12 total chromium 1.5

1 pH 6~9 6~9

2 suspended matter 70.200

3 Chemical oxygen demand (COD<sub>Cr</sub>) 60.200

4 ammonia nitrogen 8 15

5 total nitrogen 20 25

6 total phosphorus 1.0 2.0

7 Petroleum 5 10

8 volatile phenol 0.5 1.0

9 total cyanide 0.5 0.5

10 total zinc 2 4.0

11 hexavalent chromium 0.5

12 total chromium 1.5

1 pH 6~9 6~9

2 suspended matter 20 70

3 Chemical Oxygen Demand (COD<sub>Cr</sub>) 30 60

4 ammonia nitrogen 5 8

5 total nitrogen 15 20

6 total phosphorus 0.5 1.0

7 Petroleum 3 5

8 volatile phenol 0.5 0.5

9 total cyanide 0.5 0.5

10 total zinc 1 2

11 hexavalent chromium 0.5

12 total chromium 1.0

4.2 Air Pollutant Emission Control Requirements

1 particulate matter

2 chromium and its compounds a ferrochrome process 5

1 particulate matter

2 chromium and its compounds a ferrochrome alloy process 4

1 particulate matter

2 chromium and its compound a ferrochrome alloy process 3

1 particulate matter 1.0

2 chromium and its compound a 0.006

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1 pH Water quality Determination of pH value Glass electrode method GB /T 6920-1986

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4 ammonia nitrogen

5.3 Air pollutant monitoring requirements

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## Foreword

To implement the Environmental Protection Law of the People's Republic of China, the Law of the People's Republic of China on Prevention and Control of Atmospheric Pollution, and the

Laws and regulations such as the implementation of the scientific development concept to strengthen environmental protection, and the State Council on the preparation of national main functions

Opinions on District Planning, protecting the environment, preventing pollution, and promoting the progress of ferroalloy industrial production processes and pollution control technologies,

Develop this standard.

This standard specifies the emission limits, monitoring and monitoring requirements for water pollutants and atmospheric pollutants in ferroalloy production enterprises. for

Promote the coordinated development of regional economy and environment, promote the adjustment of economic structure and the transformation of economic growth mode, and guide ferroalloys

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

value.

The odor emission and environmental noise of ferroalloy production enterprises shall be applied to the corresponding national pollutant discharge standards to produce solid

The identification, treatment and disposal of body waste shall be subject to national solid waste pollution control standards.

This standard is the first release.

From the date of implementation of this standard, the emission control of atmospheric and water pollutants of ferroalloy production enterprises shall be implemented in accordance with the provisions of this standard.

No longer implement the "Emission Standard for Air Pollutants in Industrial Furnaces" (GB 9078-1996), "Integrated Emission Standards for Air Pollutants"

(GB 16297-1996) and "Steel Industry Water Pollutant Emission Standards" (GB 13456-1992) relevant provisions.

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 was drafted. Sinosteel Tiancheng Environmental Protection Technology Co., Ltd., Sichuan Chuantou Emei Ferroalloy (Group)

Limited Liability Company, Environmental Standards 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.

Ferroalloy industrial pollutant discharge standard

## 1 Scope of application

This standard specifies the limits, monitoring and monitoring of water pollutants and atmospheric pollutants in ferroalloy production enterprises or production facilities.

Requirements, as well as standards for implementation and supervision.

This standard applies to the management of water pollutants and atmospheric pollutants in electric furnace ferroalloy production enterprises or production facilities.

And environmental impact assessment of the electric furnace ferroalloy industrial construction project, design of environmental protection facilities, completion and environmental protection acceptance and

Management of water pollutants and atmospheric pollutants after production.

This standard applies to the pollutant discharge behavior permitted by law; the location of newly established pollution sources and the existing special protection areas

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