

ICS 13.040.20

CCS Z 63



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

GB 28665-2012

Emission standard of air pollutants for steel rolling industry

轧钢工业大气污染物排放标准

(English Translation)

Issued on: September 3, 2012

Implemented on: October 1, 2012

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

Table of Contents

Foreword

1 Scope of application

2 Normative references

3 Terms and definitions

3.1 Rolling steel

3.2 Existing companies

3.3 New Enterprise

3.4 Standard status

3.5 Heat treatment furnace

3.6 Particulate matter

3.7 Exhaust pipe height

4 Air pollutant emission control requirements

1 particulate matter

2 sulfur dioxide heat treatment furnace 250

3 nitrogen oxides (in terms of NO₂) heat treatment furnace 350

4 Hydrogen chloride

5 sulfuric acid mist pickling unit 20

6 chromic acid mist coating unit, pickling unit 0.07

7 Nitric acid mist pickling unit and waste acid regeneration 240

8 Fluoride pickling unit and waste acid regeneration 9.0

9 benzene (1)

10 toluene 40

11 xylene 70

12 non-methane total hydrocarbons 100

1 particulate matter

2 sulfur dioxide heat treatment furnace 150

3 nitrogen oxides (in terms of NO₂) heat treatment furnace 300

4 Hydrogen chloride

5 sulfuric acid mist pickling unit 10

6 chromic acid mist coating unit, pickling unit 0.07

7 nitric acid fog

8 fluoride

- 9 Alkali mist (1) Degreasing 10
- 10 Oil mist (1) Rolling unit 30
- 11 benzene (1)
- 12 toluene 40
- 13 xylene 40
- 14 non-methane total hydrocarbons 80
- 1 particulate matter
- 2 sulfur dioxide heat treatment furnace 150
- 3 nitrogen oxides (in terms of NO₂) heat treatment furnace 300
- 4 Hydrogen chloride
- 5 sulfuric acid mist pickling unit 10
- 6 chromic acid mist coating unit, pickling unit 0.07
- 7 nitric acid fog
- 8 fluoride
- 9 Alkali mist (1) Degreasing 10
- 10 Oil mist (1) Rolling unit 20
- 11 benzene (1)
- 12 toluene 25
- 13 xylene 40
- 14 non-methane total hydrocarbons 50
- 4.5 The enterprise's unorganized emissions are subject to the limits specified in Table 4.
- 2 sulfuric acid mist
- 3 Hydrogen chloride 0.2
- 4 nitric acid mist 0.12
- 5 benzene
- 6 toluene 2.4
- 7 xylene 1.2
- 8 Non-methane total hydrocarbons 4.0
- 5 Air pollutant monitoring requirements
- 1 particulate matter
- 2 sulfur dioxide
- 3 NO_x
- 7 nitric acid fog
- 9 benzene, toluene and xylene
- 6 Implementation and supervision

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

Laws and Laws of the Republic's Marine Environmental Protection Law and the State Council's Decision on Implementing the Scientific Outlook on Development and Strengthening Environmental Protection

Regulations and the "Opinions of the State Council on the Preparation of National Main Functional Zone Planning" to protect the environment, prevent pollution, and promote the rolling industry

The development of production processes and pollution control technologies, the development of this standard.

This standard specifies the limits, monitoring and monitoring requirements for atmospheric pollutant discharges of rolling mill production enterprises. To promote regional economy

Coordinate development with the environment, promote the adjustment of economic structure and the transformation of economic growth mode, and guide the production process and pollution of the rolling steel industry

The development direction of dyeing and treatment technology, this standard specifies the special emission limits for atmospheric pollutants.

The water pollutants, odor pollutants and environmental noise emitted by rolling mill production enterprises shall be subject to the corresponding national pollutant discharge standards.

The identification, treatment and disposal of solid waste generated are 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 pollutants in rolling mill production enterprises shall be implemented in accordance with the provisions of this standard, no longer

Implementation of the "Integrated Emission Standards for Air Pollutants" (GB 16297-1996) and "Emission Standards for Air Pollutants in Industrial Furnaces" (GB)

Relevant provisions in 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 was drafted. Baoshan Iron and Steel Co., Ltd., 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.

Rolling steel industry air pollutant discharge standards

1 Scope of application

This standard specifies the limits, monitoring and monitoring requirements for air pollutant emissions from rolling mills or production facilities, and

Relevant regulations on the implementation and supervision of standards.

This standard is applicable to the management of atmospheric pollutant discharge in existing rolling mill production enterprises or production facilities, as well as the rolling steel industry construction project.

Objective Environmental impact assessment, environmental protection facility design, completion environmental protection acceptance and air pollutant discharge pipe after commissioning

Reason.

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 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 Waste, and 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