

ICS ????
CCS Z 70



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

GB 25468-2010

Replacing GB 8978-1996; GB 9078-1996; GB 16297-1996

**Emission standard of pollutants for magnesium and titanium
industry**

镁、钛工业污染物排放标准

(English Translation)

Issued on: September 27, 2010

Implemented on: October 1, 2010

**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

4 Pollutant emission control requirements

4.1 Water pollutant emission control requirements

1 pH value 6~9 6~9

2 suspended matter 70 70

3 Chemical oxygen demand (CODCr) 100 180

4 Petroleum 8 15

5 total nitrogen 20 40

6 total phosphorus 1.5 3.0

7 ammonia nitrogen 15 25

8 total copper 0.5 1.0

9 total chromium 1.5 workshop or production facility wastewater discharge

10 hexavalent chromium 0.5

1 pH value 6~9 6~9

2 suspended matter 30 70

3 Chemical oxygen demand (CODCr) 60 180

4 Petroleum 3 15

5 total nitrogen 15 40

6 total phosphorus 1.0 3.0

7 ammonia nitrogen 8 25

8 total copper 0.5 1.0

9 total chromium 1.5 workshop or production facility wastewater discharge

10 hexavalent chromium 0.5

1 pH 6.5 ~ 8.5 6 ~ 9

2 suspended matter 10 30

3 Chemical Oxygen Demand (CODCr) 50 60

4 Petroleum 1.0 3.0

5 total nitrogen 15 15

6 total phosphorus 0.5 1.0

7 ammonia nitrogen 5.0 8.0

8 total copper 0.2 0.5

9 total chromium 1.0 workshop or production facility wastewater discharge

10 hexavalent chromium 0.2

4.2 Air Pollutant Emission Control Requirements

1 sulfur dioxide 0.5

2 particles 1.0

3 chlorine gas 0.02

4 Hydrogen chloride 0.15

5 Pollutant monitoring requirements

5.1 General requirements for pollutant monitoring

Foreword

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

Dyeing Prevention and Control Law, the Marine Environmental Protection Law of the People's Republic of China, and the State Council's Decision on Implementing the Scientific Outlook on Development and Strengthening Environmental Protection

And other laws, regulations and the "Opinions of the State Council on the preparation of national main functional area planning" to protect the environment, prevent pollution, promote magnesium and titanium work

This standard is formulated for the advancement of production processes and pollution control technologies.

This standard specifies the limits, monitoring and monitoring requirements for water pollutants and atmospheric pollutants in the production process of magnesium and titanium industrial enterprises.

Water pollution and air pollution prevention and management in magnesium and titanium industrial enterprises. To promote the coordinated development of regional economy and environment, and promote the adjustment of economic structure

The transformation of the overall economic growth mode guides the development direction of magnesium and titanium industrial production processes and pollution control technologies. This standard specifies water pollution.

Special emission limits.

The pollutant discharge concentrations in this standard are all mass concentrations.

Magnesium and titanium industrial enterprises emit odor pollutants and environmental noises, and the corresponding national pollutant discharge standards are applied to identify solid wastes.

Handling and disposal of national solid waste pollution control standards.

This standard is the first release.

Since the implementation of this standard, the discharge of water and air pollutants from industrial enterprises in magnesium and titanium has been implemented in this standard, and the comprehensive discharge of sewage is no longer implemented.

Standards (GB 8978-1996), "Integrated Emission Standards for Air Pollutants" (GB 16297-1996) and "Inorganic Furnace Air Pollutants

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;

For the specified pollutants, local pollutant discharge standards that are stricter than this standard can be formulated.

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

This standard is mainly drafted by. Guiyang Aluminum and Magnesium Design and Research Institute, Environmental Standards Research Institute of the Ministry of Environmental Protection, China Ruilin Engineering Technology Co., Ltd.

Company (formerly Nanchang Nonferrous Metallurgy Design and Research Institute).

This standard was approved by the Ministry of Environmental Protection on September 10, 2010.

This standard has been implemented since October 1, 2010.

This standard is explained by the Ministry of Environmental Protection.

Magnesium and titanium industrial pollutant discharge standards

1 Scope of application

This standard specifies the emission limits, monitoring and monitoring requirements for water pollutants and atmospheric pollutants in industrial enterprises of magnesium and titanium, and the implementation of standards.

Relevant regulations such as supervision.

This standard is applicable to the management of water pollutants and atmospheric

pollutants in magnesium and titanium industrial enterprises, as well as the construction projects of magnesium and titanium industrial enterprises.

Environmental impact assessment, environmental protection facility design, completed environmental protection acceptance and management of water pollutants and atmospheric pollutants after commissioning.

This standard does not apply to industries such as magnesium and titanium regeneration and calendaring, nor to non-characteristic production processes attached to magnesium and titanium enterprises.

Device.

This standard applies to the discharge of pollutants permitted by law; the location of newly established sources of pollution and the existing sources of pollution in special protected areas

Li, in accordance with 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 the Prevention and Control of Water Pollution,

Environmental Protection Law, Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste, Law of the People's Republic of China on Environmental Impact Assessment, etc.

The relevant provisions of laws, regulations and rules are implemented.

The water pollutant emission control requirements specified in this standard are applicable to enterprises directly or indirectly discharging water pollutants outside their legal boundaries.

behavior.

2 Normative references

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

GB/T 6920-1986 Determination of pH value of water-based glass electrode method

GB/T 7466-1987 Determination of total chromium in water

GB/T 7467-1987 Determination of hexavalent chromium in water - Diphenyl hydrazide spectrophotometric method

GB/T 7475-1987 Determination of copper, zinc, lead and cadmium - Atomic absorption spectrophotometric method

GB/T 11893-1989 Determination of total phosphorus in water - Ammonium molybdate spectrophotometric method