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

GB 25465-2010

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

Emission standard of pollutants for aluminum industry

铝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**

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4.1 Water pollutant emission control requirements

1 pH value 6~9 6~9

2 suspended matter 70 70

3 Chemical oxygen demand (CODCr) 100.200

4 Fluoride (in F) 8 8

5 ammonia nitrogen 15 25

6 total nitrogen 20 30

7 Total phosphorus 1.5 2.0

8 Petroleum 8 8

9 total cyanide 1) 0.5 0.5

10 Sulfide 1) 1.0 1.0

11 volatile phenols 1) 0.5 0.5

1 pH value 6~9 6~9

2 suspended matter 30 70

3 Chemical Oxygen Demand (CODCr) 60.200

4 Fluoride (in F) 5.0 5.0

5 ammonia nitrogen 8.0 25

6 total nitrogen 15 30

7 total phosphorus 1.0 2.0

8 Petroleum 3.0 3.0

9 total cyanide 1) 0.5 0.5

10 Sulfide 1) 1.0 1.0

11 volatile phenols 1) 0.5 0.5

1 pH 6.5 ~ 8.5 6 ~ 9

2 suspended matter 10 30

3 Chemical Oxygen Demand (CODCr) 50 60

4 Fluoride (in F) 2.0 2.0

5 ammonia nitrogen 5.0 8.0

6 total nitrogen 10 15

7 total phosphorus 0.5 1.0

8 petroleum class 1.0 1.0

9 total cyanide 1) 0.2 0.2

10 Sulfide 1) 0.5 0.5

11 Volatile Phenol 1) 0.3 0.3

4.2 Air Pollutant Emission Control Requirements

1 sulfur dioxide 0.5

2 particles 1.0

3 fluoride 0.02

4 benzo[a]pyrene 0.000 01

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, and promote the production of aluminum industry

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

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

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

The transformation of growth mode guides the development direction of aluminum industry production process and pollution control technology. This standard specifies the special

emission limit of water pollutants.

value.

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

Aluminum industrial enterprises emit odor pollutants and environmental noises, and apply corresponding national pollutant discharge standards to identify and collect solid wastes.

The national solid waste pollution control standards apply to the treatment and disposal.

This standard is the first release.

Since the implementation of this standard, aluminum industry enterprises have implemented this standard in the discharge of water and air pollutants, and will no longer implement the Integrated Wastewater Discharge Standard.

(GB 8978-1996), "Integrated Emission Standards for Air Pollutants" (GB 16297-1996) and "Emission Standards for Air Pollutants in Industrial Furnaces"

Relevant provisions in (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. Shenyang 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.

Aluminum industry pollutant discharge standards

1 Scope of application

This standard specifies the limits, monitoring and monitoring requirements for water pollutants and atmospheric pollutants in aluminum industrial enterprises, as well as the implementation and supervision of standards.

Governor and other relevant regulations.

This standard applies to the management of water pollutants and atmospheric pollutants in aluminum industrial enterprises, as well as the environmental impact of aluminum industrial enterprises construction projects.

Evaluation, environmental protection facility design, completion environmental protection acceptance and management of water pollutants and atmospheric pollutants after commissioning.

This standard does not apply to recycled aluminum and aluminum rolling processing enterprises (or production systems); nor to non-specialties attached to aluminum industrial enterprises.

Production process and equipment.

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 7484-1987 Determination of fluoride in water quality - Ion selective electrode method

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

GB/T 11894-1989 Determination of total nitrogen in water - Alkaline potassium persulfate digestion - UV spectrophotometric method