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

GB 25467-2010

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

**Emission standard of pollutants for copper, nickel, cobalt
industry**

铜、镍、钴工业污染物排放标准

(English Translation)

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of Quality Supervision, Inspection and Quarantine of the People's
Republic of China**

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2 Suspended matter 100 (optional).200 (selection)

70 (other) 140 (other)

3 Chemical Oxygen Demand (CODCr)

120 (wet smelting) 300 (wet smelting)

100 (other).200 (other)

4 Fluoride (in F) 8 15

5 total nitrogen 20 40

6 total phosphorus 1.5 2.0

7 ammonia nitrogen 15 20

8 total zinc 2.0 4.0

9 Petroleum 8 15

10 total copper 1.0 (mine and wet smelting) 2.0 (mine and wet smelting)

0.5 (other) 1.0 (other)

11 sulfide 1.0 1.0

12 total lead 1.0

13 total cadmium 0.1

14 total nickel 1.0

15 total arsenic 0.5

16 total mercury 0.05

17 total cobalt 1.0

1 pH value 6~9 6~9

2 Suspended matter 80 (selection).200 (selection)

30 (other) 140 (other)

3 Chemical Oxygen Demand (CODCr)

100 (wet smelting) 300 (wet smelting)

60 (other).200 (other)
 4 Fluoride (in F) 5 15
 5 total nitrogen 15 40
 6 total phosphorus 1.0 2.0
 7 ammonia nitrogen 8 20
 8 total zinc 1.5 4.0
 9 Petroleum 3.0 15
 10 total copper 0.5 1.0
 11 sulfide 1.0 1.0
 12 total lead 0.5
 13 total cadmium 0.1
 14 total nickel 0.5
 15 total arsenic 0.5
 16 total mercury 0.05
 17 total cobalt 1.0
 1 pH value 6~9 6~9
 2 suspended matter 30 (selection) 80 (selection)
 10 (other) 30 (other)
 3 Chemical Oxygen Demand (CODCr) 50 60
 4 Fluoride (in F) 2 5
 5 total nitrogen 10 15
 6 total phosphorus 0.5 1.0
 7 ammonia nitrogen 5 8
 8 total zinc 1.0 1.5
 9 Petroleum 1.0 3.0
 10 total copper 0.2 0.5
 11 Sulfide 0.5 1.0
 12 total lead 0.2
 13 total cadmium 0.02
 14 total nickel 0.5
 15 total arsenic 0.1
 16 total mercury 0.01
 17 total cobalt 1.0
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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 copper, nickel,

This standard is formulated for the advancement of cobalt industrial 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 copper, nickel and cobalt industrial enterprises.

It is applicable to the prevention and management of water pollution and air pollution in copper, nickel and cobalt industrial enterprises. Promote the coordinated development of regional economy and environment and promote the economy

Structural adjustment and transformation of economic growth mode, guiding the development direction of copper, nickel and cobalt industrial production processes and pollution control technologies, this standard

The special emission limits for water pollutants are specified.

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

Copper, nickel, and cobalt industrial enterprises emit odorous pollutants and environmental noises, and apply corresponding national pollutant discharge standards to produce solid waste.

Identification, treatment 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 copper, nickel and cobalt industrial enterprises has implemented this standard, and the implementation of sewage comprehensive

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

Relevant provisions in the Emission Standards (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. China Ruilin Engineering Technology Co., Ltd. (formerly Nanchang Nonferrous Metallurgy Design and Research Institute), Ministry of Environmental Protection

Institute of Environmental Standards.

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.

Copper, nickel and cobalt industrial pollutant discharge standards

1 Scope of application

This standard specifies the limits, monitoring and monitoring requirements for water pollutants and atmospheric pollutants in copper, nickel and cobalt industrial enterprises, as well as standard

Implementation and supervision and other relevant regulations.

This standard applies to the management of water pollutants and atmospheric pollutants in copper, nickel and cobalt industrial enterprises, as well as the construction of copper, nickel and cobalt industrial enterprises.

Set environmental impact assessment, environmental protection facility design, environmental protection acceptance and completion of water pollutants and atmospheric pollutants after commissioning

Put management.

This standard does not apply to industries such as copper, nickel, cobalt regeneration and calendaring; nor does it apply to non-characteristics attached to the copper, nickel and cobalt industries.