

ICS 13.040.40
CCS Z 60



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

GB 31573-2015

**Emission standards of pollutants for inorganic chemical
industry**

无机化学工业污染物排放标准

(English Translation)

Issued on: April 16, 2015

Implemented on: July 1, 2015

**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 reference documents

3 terms and definitions

3.2 Heavy metal inorganic compounds inorganic heavy metals compounds

3.3 barium compounds industry barium compounds industry

3.4 strontium compounds industrial strontium compounds industry

3.5 Chromium and its compounds Industrial chromium and chromium compounds industrial

3.6 Zinc compounds Industrial zinc compounds industry

3.7 manganese compounds industrial manganese compounds industry

3.8 Nickel compounds Industrial nickel compounds industry

3.10 Copper compound industry copper compounds industry

3.11 lead compounds industry lead compounds industry

3.12 cadmium compounds industry cadmium compounds industry

Foreword

In order to implement the Environmental Protection Law of the People's Republic of China, the Law of the People's Republic of China on the Prevention and Control of Water Pollution,

The People's Republic of China Marine Environmental Protection Law "and other laws and regulations, to protect the environment,

Prevention and control of pollution, promote inorganic chemical industry production process and pollution control technology progress, the development of this standard.

This standard specifies the emission limits, monitoring and monitoring requirements for water and air pollutants in inorganic chemical industrial enterprises.

Inorganic chemical industrial enterprises emissions of stench pollutants, environmental noise applicable to the corresponding national pollutant discharge standards, resulting in solid

The identification, disposal and disposal of waste shall apply to national standards for pollution control of solid wastes. Supporting the implementation of the power boiler "boiler big

Air Pollutant Discharge Standard "or" Thermal Power Plant Air Pollutant Emission Standard".

This standard is the first release.

New enterprises Since July 1, 2015, the existing enterprises since July 1, 2017 from the implementation of this standard, the water pollutants and large

Air pollutant emission control in accordance with the provisions of this standard, no longer implement the "Integrated Wastewater Discharge Standard" (GB 8978-1996),

"Integrated Emission Standards for Air Pollutants" (GB 16297-1996) and "Industrial Furnace Air Pollutant Emission Standards" (GB

9078-1996). Local can also be based on local environmental protection needs and economic and technical conditions, by the provincial level

The people's government approves the implementation of this standard in advance.

The state for the inorganic chemical industry has issued a special emission standards (such as "sulfuric acid industrial pollutant discharge standards" (GB

26132-2010)) shall be subject to the implementation of special emission standards in accordance with the applicable subject and shall not be subject to this standard.

This standard is the inorganic chemical industry, the basic requirements of pollutant discharge control. Local provincial people's government on this standard not yet

The provisions of the project, you can develop local pollutant discharge standards; the standards have been provided for the project, you can develop strict standards

Of the local pollutant discharge standards. Environmental impact assessment documents or sewage permit requirements are strictly in accordance with this standard or local standards, press

According to the approved environmental impact assessment document or the implementation of the sewage permit.

This standard is organized by the Ministry of Environmental Protection Science and Technology Standards Division.

The main drafting unit of this standard. China inorganic salt industry association, environmental protection department environmental standards institute, Kunming science and technology big

Science, Environmental Protection Department of South China Environmental Science Research Institute, Chongqing Municipal Environmental Science Research Institute, Jinan City Environmental Protection Science Research Institute.

This standard is approved by the Ministry of Environmental Protection on April 3, 2015.

This standard has been implemented since July 1, 2015.

This standard is explained by the Ministry of Environmental Protection.

Inorganic Chemical Industry Pollutant Discharge Standard

1 Scope of application

This standard specifies the inorganic acids, alkalis, salts, oxides, hydroxides, peroxides and simple industrial enterprises of water and the atmosphere

Pollutant emission limits, monitoring and supervision and management requirements.

This standard applies to inorganic acids, alkalis, salts, oxides, hydroxides, peroxides and simple industrial enterprises of water and the atmosphere

Pollutant Discharge Management and Construction of Inorganic Acid, Alkali, Salt, Oxide, Hydroxide, Peroxide and Elementary Industrial Enterprises

Environmental impact assessment, environmental protection facilities design, completion of environmental protection and acceptance of water pollutants and air pollution

Emissions management.

This standard does not apply to sulfuric acid, hydrochloric acid, nitric acid, caustic soda, soda ash, calcium carbide, inorganic phosphorus, inorganic coatings and pigments, phosphorus

Fertilizer, nitrogen and potash, potassium hydroxide and other inorganic chemical products and non-ferrous metals industry, water pollutants and air pollutants discharge pipe

Reason.

This standard applies to pollutant discharge permitted by law. Newly established sources of pollution and existing areas of special protection

Pollution source management, in accordance with the "People's Republic of China Water Pollution Control Law", "People's Republic of China Air Pollution Control Law"

"The People's Republic of China Marine Environmental Protection Law", "People's Republic of Solid Waste Pollution Prevention Law", "Chinese

The People's Republic of China Environmental Impact Assessment Law "and other laws, regulations, rules of the phase

Off regulations.

The water pollutant emission control requirements stipulated in this standard apply to enterprises that directly or indirectly discharge water pollution outside their statutory borders

The behavior of the dye.

2 normative reference documents

The contents of this standard refer to the following documents or their terms. Those who do not specify the date of the reference file, the effective version of the appropriate

For this standard.

Comprehensive Emission Standard for Wastewater

GB 9078 Emission standard for air pollutants from industrial furnaces

GB 16297 Integrated Emission Standard for Air Pollutants

Water quality - Determination of total phosphorus - Ammonium molybdate spectrophotometric method

Water quality - Determination of silver - Flame atomic absorption spectrophotometric method GB 11907

GB/T 6920 Determination of water quality pH - Glass electrode method

GB/T 7466 Determination of total chromium in water quality

GB/T 7467 Water quality - Determination of hexavalent chromium - Diphenylcarbazide spectrophotometric method

GB/T 7469 Determination of water quality Mercury potassium permanganate - Potassium persulfate digestion Dithizone spectrophotometric method

GB/T 7470 Water quality - Determination of lead - Dithizone spectrophotometric method

GB/T 7471 Water quality - Determination of cadmium - Dithizone spectrophotometric method

GB/T 7472 Determination of water quality - Dithizone spectrophotometric method

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

Water quality - Determination of fluoride - Ion selective electrode method

GB/T 7485 Water quality - Determination of total arsenic - Silver diethyldithiocarbamate spectrophotometric method

Water quality - Determination of suspended solids - Gravimetric method GB/T

Water quality - Determination of manganese - Potassium periodate spectrophotometric method GB/T 11906

GB/T 11910 Determination of water quality - Determination of butanedione oxime