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

GB 13458-2013

Replacing GB 13458-2001

Discharge standard of water pollutants for ammonia industry

合成氨工业水污染物排放标准

(English Translation)

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of Quality Supervision, Inspection and Quarantine of the People's
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Foreword

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

And the National Marine Environmental Protection Law "," State Council on Strengthening Key Environmental Protection Tasks "and other laws and regulations," State

And advances in pollution control technology, the development of this standard.

This standard specifies the ammonia production process of industrial water pollutant discharge limits, and monitoring requirements.

The standard emission concentrations of pollutants are mass concentration.

National pollutant discharge ammonia emissions of industrial enterprises air pollutants (including odor pollutants), apply appropriate environmental noise

Play standards, resulting in identification of solid waste treatment and disposal applicable national solid waste pollution control limits.

This standard was first published in 1992 and revised in 2001 for the first time, this is the second revision.

This revision of the main elements.

- According to the implementation plan requires environmental management and enforcement of national environmental protection, adjusted for controlling emissions

Pollutants projects to improve the pollutant emission control requirements;

- Canceled by sewage whereabouts of hierarchical control provisions;

- To promote the coordinated development of regional economy and the environment, promote the adjustment and transformation of economic growth mode of economic structure, lead

Guide the direction of development of industrial ammonia production process and pollution control technologies, in particular the provisions of the water pollutant discharge limits;

- To improve the national system of environmental standards, norms water pollution

discharge, meet the national water pollution control work

The need to increase the indirect water pollutant discharge limits.

The date of implementation of this standard, "ammonia industrial water pollutant discharge standards" (GB 13458-2001) shall be repealed simultaneously.

Local people's governments at the provincial level are not specified in this standard pollutants may establish their local emission standards; for

This standard has been provided for projects of contaminants, may establish more stringent standards in this local emission standards.

This standard is developed by the Ministry of Environmental Protection Science, Technology organization.

This standard drafting units. China Environmental Science Research Institute.

This standard MEP February 25, 2013 for approval.

This standard from July 1, 2013 implementation.

The standard explanation by the Ministry of Environmental Protection.

Ammonia industrial water pollutant discharge standards

1 Scope

This standard specifies the ammonia production facilities of industrial enterprises or water pollutant discharge limits, monitoring and control requirements, as well as standard

Registration and other relevant provisions of the implementation and supervision.

This standard applies to existing industrial enterprises or ammonia production facilities of water pollutant emissions management.

This standard applies to ammonia industry enterprises construction projects environmental impact assessment, environmental protection facilities design completion ring

Acceptance of Environmental Protection water pollutant discharge management after putting into operation.

This standard does not apply to management of discharge of water pollutants nitrate, fertilizer and associated alkaline soda production.

This standard applies to water pollution discharge permitted by law. Sources within the newly established location and special protected areas now

There are sources of management, according to "People's Republic of China Water Pollution Prevention Law," "People's Republic of China Marine Environmental Protection Law"

Relevant provisions of the "People's Republic of China Environmental Impact Assessment Law" and other laws implemented.

Water pollutant emission control requirements of this standard apply to companies directly or indirectly to discharge its statutory outer boundary water pollution

Dyeing behavior thereof.

2 Normative references

The standard content of the following documents cited in the articles. For undated references, the effective version applies to this standard.

Determination of the glass electrode method GB/T 6920 Water Quality pH value

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

Determination of GB/T 11901 Quality of suspended solids - Gravimetric method

Determination of GB/T 11914 Quality Chemical Oxygen Demand dichromate method

By infrared spectrophotometry GB/T 16488 quality oil and animal and vegetable oils

GB/T 16489 Water quality Determination of sulfide - Methylene blue spectrophotometric method

Determination of GB/T 17133 Quality sulfide direct color spectrophotometry

Determination of cyanide HJ 484 Water capacity and spectrophotometric methods

HJ 502 Water quality - Determination of volatile phenol bromine method

HJ 503 Water quality - Determination of volatile phenol 4-amino-antipyrine spectrophotometric method

HJ 535 Water quality - Determination of ammonia Nessler reagent spectrophotometric

HJ 536 Water quality - Determination of ammonia acid spectrophotometric method

HJ 537 Water quality - Determination of ammonia distilled - and titration

HJ 636 Water quality Determination of total nitrogen - Alkaline potassium persulfate digestion - UV spectrophotometric method

Determination of HJ/T 60 quality sulfides Iodimetry

HJ/T 195 Water quality - Determination of ammonia gas phase molecular absorption spectrometry

HJ/T 199 Determination of Water Quality Total Nitrogen gas phase molecular absorption spectrometry

Determination of HJ/T 200 Water sulfide gas phase molecular absorption spectrometry

Determination of HJ/T 399 Water quality COD rapid digestion spectrophotometry

"Pollution automatic monitoring and management approach" (SEPA Order No. 28)

"Environmental Monitoring Management Measures" (SEPA Order No. 39)

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Ammonia Industry

Ammonia industry, including the production of ammonia and urea to ammonia as raw material, ammonium nitrate, ammonium bicarbonate and ammonia alcohol

Heat and power production enterprises or production facilities.

3.2 Existing Enterprise

It means before implementation of this standard has been put into operation or environmental impact assessment document has been approved ammonia industrial enterprises

Or production facilities.

3.3 new enterprises

Refers to the date of implementation of this standard, EIA documents approved new construction, renovation and expansion of industrial ammonia

Production facilities construction projects.

3.4 displacement

It refers to the amount of business to business or production facilities outside the legal boundaries of wastewater discharge, including direct or indirect relationship with the production

Various efflux wastewater (including sewage plant, cooling water, boiler plant and power plant drainage).