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

GB 25461-2010

Discharge standard of water pollutants for starch industry

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Republic of China**

Table of Contents

Foreword

1 Scope of application

2 Normative references

3 Terms and definitions

4 Water pollutant emission control requirements

1 pH value 6~9 6~9

2 suspended matter 50 70

4 Chemical Oxygen Demand (CODCr) 150 300

5 ammonia nitrogen 25 35

6 total nitrogen 40 55

7 total phosphorus 3 5

8 total cyanide (from cassava) 0.5 0.5

1 pH value 6~9 6~9

2 suspended matter 30 70

4 Chemical oxygen demand (CODCr) 100 300

5 ammonia nitrogen 15 35

6 total nitrogen 30 55

7 total phosphorus 1 5

8 total cyanide (from cassava) 0.5 0.5

1 pH value 6~9 6~9

2 suspended matter 10 30

4 Chemical Oxygen Demand (CODCr) 50 100

5 ammonia nitrogen 5 15

6 total nitrogen 10 30

7 total phosphorus 0.5 1.0

8 total cyanide (using cassava as raw material) 0.1 0.1

5 Water pollutant monitoring requirements

1 pH value water quality determination of glass electrode method GB/T 6920-1986

2 Determination of suspended solids suspended solids - Gravimetric method GB/T 11901-1989

5 ammonia nitrogen

6 Implementation and supervision

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"

Laws and Regulations, "State Council's Decision on Implementing the Scientific Outlook on Development and Strengthening Environmental Protection", etc.

Opinions on the planning of the main functional areas of the country, protect the environment, prevent pollution, and promote the progress of the starch industry production process and pollution control technology.

Set this standard.

This standard specifies the limits, monitoring and monitoring requirements for water pollutant discharge in starch industrial enterprises. To promote the coordinated development of the regional economy and the environment,

Promote the adjustment of economic structure and the transformation of economic growth mode, and guide the development direction of industrial production technology and pollution control technology, this standard

Specific emission limits for water pollutants have been established.

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

Starch industrial enterprises emit atmospheric pollutants (including odorous pollutants), and environmental noise is applied to the corresponding national pollutant discharge standards.

The identification, treatment and disposal of solid waste are subject to national solid waste pollution control standards.

This standard is the first release.

Since the implementation of this standard, the water pollutant discharge control of starch industrial enterprises shall be carried out in accordance with the provisions of this standard, and the sewage comprehensive shall not be implemented.

Relevant provisions in the Emission Standards (GB 8978-1996).

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 Academy of Environmental Sciences,

Environmental Standards Institute of the Ministry of Environmental Protection, China Starch Industry Association.

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.

Starch industry water pollutant discharge standards

1 Scope of application

This standard specifies the limits, monitoring and monitoring requirements for water pollutants in starch enterprises or production facilities, as well as the implementation and supervision of standards.

Regulations.

This standard applies to the management of water pollutant discharge in existing starch enterprises or production facilities.

This standard applies to the environmental impact assessment of starch industrial construction projects, the design of environmental protection facilities, the completion of environmental protection acceptance and its investment

Post-production water pollutant discharge management.

This standard applies to the discharge of pollutants permitted by law. Sites for newly established pollution sources and tubes for existing pollution sources in special protection 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 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

GB/T 11901-1989 Determination of suspended solids by weight method

GB/T 11914-1989 Determination of chemical oxygen demand in water - Dichromate method

HJ/T 195-2005 Determination of ammonia nitrogen in water quality

HJ/T.199-2005 Determination of total nitrogen in water -- Gas phase molecular absorption spectroscopy

HJ/T 399-2007 Determination of chemical oxygen demand in water quality - Rapid digestion spectrophotometric method

HJ 484-2009 Determination of water cyanide - Volumetric method and spectrophotometric method

HJ 505-2009 Water quality five-day biochemical oxygen demand (BOD₅) determination dilution and inoculation method

HJ 535-2009 Determination of ammonia nitrogen in water quality - Nexus reagent spectrophotometric method

HJ 536-2009 Determination of ammonia nitrogen in water quality - Salicylic acid spectrophotometric method

HJ 537-2009 Determination of ammonia nitrogen in water quality - Distillation - Neutralometric titration

Measures for the Automatic Monitoring and Control of Pollution Sources (Order No. 28 of the State Environmental Protection Administration)

Measures for the Administration of Environmental Monitoring (Order No. 39 of the State Environmental Protection Administration)

3 Terms and definitions

The following terms and definitions apply to this standard.