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

GB 8978-1996

Integrated wastewater discharge standard

污水综合排放标准

(English Translation)

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1.1 Main content

This standard specifies the maximum allowable discharge concentration of the 69 water pollutants AND the maximum allowable discharge amount of some industries based on a fixed year-limitation, in accordance with the discharge direction of the wastewater.

1.2 Scope of application

This standard applies to the water pollutant discharge management of the current enterprises, the environmental impact assessment of the construction projects, AND the environmental protection facility design, completion acceptance, and the discharge management after putting into operation of the construction projects.

In accordance with the principles that the Integrated wastewater discharge standard and the national industrial discharge standards shall not apply concurrently, the paper making industry is subjected to the Paper making industrial water pollutant discharge standard (GB 3544-92); the shipping is subjected to the Shipping pollutant discharge standard (GB 3552-83); the marine industry is subjected to the Marine industrial pollutant discharge standard (GB 4286-84); the marine petroleum development industry is subjected to the Marine petroleum development oil bearing industrial wastewater discharge standard (GB 4914-85); the textile dyeing industry is subjected to the Textile dyeing industrial water pollutant discharge standard (GB 4287-92); the meat product industry is subjected to the Meat product industrial water pollutant discharge standard (GB 13457-92); the synthetic ammonia industry is subjected to the Synthetic ammonia industrial water pollutant

discharge standard (GB 13458-92); the iron and steel industry is subjected to the Iron and steel water industrial pollutant discharge standard (GB 13456-92); the utilization of aviation propellants is subjected to the Aviation propellant water pollutant discharge standard (GB 14374-93); the weapons industry is subjected to the Weapons industrial water pollutant discharge standard (GB 14470.1 ~ 14470.3-93 and GB 4274 ~ 4279-84); the phosphate fertilizer industry is subjected to the Phosphoric fertilizer industrial water pollutant discharge standard (GB 15580-85); AND the caustic soda polyvinyl chloride (PVC) industry is subjected to the Caustic soda polyvinyl chloride (PVC) industrial water pollutant discharge standard (GB 15581-95).

The discharge of other water pollutants is subjected to this standard.

1.3

After the issue of this standard, the industries with new national industrial water pollutant discharge standards must apply the appropriate national industrial wastewater discharge standard in accordance with its scope of application, BUT not this standard.

2 References

The provisions as contained in the following standards constitute provisions of this standard by reference in this standard.

GB 3097-82 Marine water quality standard

GB 3838-88 Surface water environmental quality standard

GB 8703-88 Radiation protection rules

3 Definitions

3.1

Wastewater. It refers to the water which is discharged in the production and living activities in general.

3.2

Discharge amount. It refers to the discharge of water which is directly used for the technological production in the production process, excluding the indirect cooling water AND the water discharge from plant boilers or power plant.

4.1 Standard classification

4.1.1

The wastewater which is discharged into the category III water area of GB 3838 (except for the protected areas and the swimming areas as indicated) AND which is discharged into

the category II marine area of GB 3097 shall follow the class 1 standards.

4.2 Standard values

4.2.1

In this standard, the pollutants discharged are divided into two categories based on their nature and control method.

4.2.2

In this standard, it specifies the maximum allowable discharge concentration of the category I pollutant and the category II pollutant AND the maximum allowable water discharge amount of some industries, which are respectively.

4.2.2.1

As for the enterprises which are built (including reconstructed and extended) before December 31, 1997, the discharge of the water pollutant must follow simultaneously the requirements of Table 1, Table 4, and Table 5.

4.3 Other requirements

4.3.1

When two or more different categories of wastewater are discharged from the same discharge outlet AND each wastewater has different discharge standards, the mixed wastewater discharge be calculated in accordance with the Appendix A.

6 Supervision of standard implementation

6.1

This standard shall be implementation under the supervision of the county level and above administrative department of environmental protection of the people's government.

6.2

The people's governments of provinces, autonomous regions and municipalities directly under the central government may formulate local water pollutant discharge standards that are more stringent than the national water pollutant discharge standards if the implementation of the national water pollutant discharge standards cannot ensure reaching to the water environment functional requirements,