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

GB/T 18916.29-2017

Norm of water intake - Part 29: Caustic soda

取水定额 第29部分：烧碱

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Foreword

GB/T 18916 "Water quota" is divided into the following 29 parts. Part 1. Thermal power generation; - Part 2. Steel joint ventures; Part 3. oil refining; - Part 4. Textile dyeing and finishing products; - Part 5. Papermaking products; Part 6. Beer manufacturing; - Part 7. Alcohol manufacturing; - Part 8. Synthetic ammonia; - Part 9. MSG manufacturing; - Part 10. Pharmaceutical products; - Part 11. Coal preparation; - Part 12. Production of alumina; - Part 13. Ethylene production; - Part 14. Wool textile products; - Part 15. manufacture of liquor; - Part 16. Production of electrolytic aluminum; - Part 17. Production of stacked bauxite; - Part 18. Copper smelting production; - Part 19. Lead smelting production; Part 20. chemical fiber filament weaving products; Part 21. Silk products; - Part 22. Manufacture of starch sugar; - Part 23. Production of citric acid; - Part 24. Hemp textile products; - Part 25. viscose fiber products; - Part 26. Soda ash; - Part 27. Urea; - Part 28. Industrial sulfuric acid; - Part 29. caustic soda. This part is part 29 of GB/T 18916. This part is drafted in accordance with the rules given in GB/T 1.1-2009. This part of the GB/T 18820 "industrial enterprises in accordance with the provisions of the provisions of water supply quota" to develop the principles set. This section is proposed by the Ministry of Water Resources and the National Development and Reform Commission. This part of the National Water Standardization Technical Committee (SAC/TC442) centralized. This part of the drafting unit. China Petroleum and Chemical Industry Federation, Xinjiang China and Thailand (Group) Co., Ltd., China Chlor-Alkali Industry Association, China Institute of Standardization. This part of the main drafters. Zhao Yonglu, Tang Xiangjun, Zhu Chunyan, Liang Bin, Tang Biyong, Huang Huajun, Li Yongliang, Zhou Junhua, Zhang Wenlei, Zhang Xin, LI Su-hua, ZHU Jian-ping, WANG Xiao-hong, ZHU Zheng, GAO Xin-feng. Water quota - Part 29. Caustic soda

1 Scope

GB/T 18916.29-2017 is the Chinese national standard on norm of water intake - part 29: caustic soda, in the field of environment and health protection, safety. The /T suffix marks it

as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 12 May 2017 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 December 2017. Classification: ICS 13.060.25, CCS P41. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This part of GB/T 18916 gives the terms and definitions of the caustic soda production quota, the calculation method and the water intake quota. This part applies to the existing, new and expansion of caustic soda production enterprises to take water management.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 209 Industrial sodium hydroxide

GB/T 12452 General rules for water balance testing
General rules for the compilation of water supply products for industrial enterprises
GB/T Water - saving terminology for industrial water use
GB/T General rules for the preparation and management of water metering equipment

3 Terms and definitions

GB/T 18820 and GB/T 21534 and the following terms and definitions apply to this document.

3.1 Caustic soda production caustic soda production To industrial salt, water as the main raw material, the salt, refined, electrolysis, chlorine gas treatment and transportation, evaporation, solid alkali and other processes to produce caustic soda The whole process.

4.1 General provisions

4.1.1 Water intake range The range of water intake refers to the amount of water that the enterprise extracts from a variety of conventional water sources, including water from the surface water (measured by the water supply), groundwater, Town water supply projects, and other water or water products (such as steam, hot water, geothermal water, etc.) purchased from the market.

4.1.2 Scope of water supply Caustic soda production water supply range, including the

main production (caustic soda production), auxiliary production (including refrigeration, nitrogen, desalination water station, machine repair, Boiler, air compressor, water treatment, inspection and testing, transportation, etc.) and ancillary production (including office, green, factory canteen, bathroom and bathroom, etc.).

4.1.3 Measurement of water intake The amount of water intake to the enterprise level meter measurement shall prevail.

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