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

GB/T 18916.17-2016

**Norm of water intake - Part 17: Manufacture of accumulating
type of bauxite**

取水定额 第17部分：堆积型铝土矿生产

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Table of Contents

- 1 Scope
- 2 Normative reference documents
- 3 Terms and definitions
- 4 Calculation method
- 4.1 General provisions

Foreword

GB/T 18916 "water quota", has been or plans to release the following 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. Made of citric acid. This part is part 17 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 is under the jurisdiction of the National Industrial Water Saving Standardization Technical Committee (SAC/TC442). This part of the drafting unit. China Aluminum Co., Ltd. Guangxi Branch, Guangxi Huayin Aluminum Co., Ltd., Guangxi Tian Dong Jin Xin Chemical Co., Ltd., Research Institute of Nonferrous Metals Technology and Economy, China Institute of Standardization, China Aluminum Industry Co., Ltd. Zhengzhou Research Institute, Ministry of Water Resources Resource Management Center. The main drafters of this part. Wang Taihai, Luo Guimin, Feng Hengqiang, Huang Zhenyi, Luo Xiangning, Huang Sanjiang, Hu Mengting, Wang Tao. Water quota Part 17. Production of stacked bauxite

1 Scope

GB/T 18916.17-2016 is the Chinese national standard on norm of water intake - part 17: manufacture of accumulating type of bauxite, 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 13 October 2016 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 May 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 specifies terms and definitions, calculation methods and water withdrawal quotas for the production of water for the accumulation of bauxite. This part applies to the existing, new and expansion of the accumulation of bauxite 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 Pieces. For undated references, the latest edition (including all modifications) applies to this document.

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

GB/T 24483 bauxite 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 Accumulation type bauxite accumulatetypeofbauxite From the original depositional bauxite in the process of karst development, by weathering, disintegration, gravity transfer and other role of the formation of mineral clay symbiotic type of bauxite Deposits.

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 various conventional water resources, including water from the surface water (measured by the water supply of the water plant), underground Water, urban water supply, 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 Water consumption is mainly used for industrial production of water, auxiliary production (including machine repair, transport, air pressure station, etc.) water and ancillary production (including factory Building, green, workers canteen, non-business bathroom and health care station, bathroom, etc.) water; water intake does not include such as factory staff water and enterprises Industrial kindergartens, schools, foreign business of the bathroom, swimming pools and other non-industrial production units of water.

4.1.3 Calculation of various water quantities Water intake, purchased water, external water supply to the enterprise level meter measurement shall prevail.