

ICS 13.060.25

CCS P41



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

GB/T 18916.28-2017

Norm of water intake - Part 28: Sulphuric acid for industrial use

取水定额 第28部分：工业硫酸

Issued on: May 12, 2017

Implemented on: December 1, 2017

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

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" 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 28 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, China Sulfuric Acid Industry Association, China Institute of Standardization, Yunnan Yuntianhua Co., Ltd., Tongling Huaxing Chemical Co., Ltd. The main drafters of this part. Li Chong, Bai Xue, Qi Yan, Li Yongliang, Zhou Junhua, Liao Kangcheng, Zhang Yinghu, Shu Shitao, Li Zhou, Zhang Jian, Chen Yingen. Water intake quota - Part 28. Industrial sulfuric acid

1 Scope

GB/T 18916.28-2017 is the Chinese national standard on norm of water intake - part 28: sulphuric acid for industrial use, 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 specifies the terms and definitions of the production of water for industrial sulfuric acid (hereinafter referred to as sulfuric acid), the calculation method and Water quota. This part applies to the pyrite, sulfur as raw material of the existing, new and expansion of industrial sulfuric acid production enterprises to take water management, Including smelting flue gas acid and other raw materials.

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 534-2014 Industrial sulfuric acid

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

The terms and definitions defined in GB/T 534-2014, GB/T 18820 and GB/T 21534 apply to this document.

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 Sulfuric acid production of water supply range, including the main production (from sulfur melting or pyrite roasting, waste heat boiler, process gas purification, two Sulfur dioxide conversion, sulfur trioxide absorption, tail gas treatment to

the finished product of sulfuric acid storage tank), auxiliary production (desalination water station, circulating water Station, air compressor station, sewage station, machine repair instrument workshop, laboratory, etc.) and subsidiary production (including office, green, factory canteen, bathroom and bathroom Wait).

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

chinastandards.org - PREVIEW