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

GB/T 18916.18-2015

Norm of water intake - Part 18: Copper smelting production

取水定额 第18部分：铜冶炼生产

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Foreword

GB/T 18916 "water quota" has been established part are.

- Part 1. thermal power;
- Part 2. steel company;
- Part 3. petroleum refining;
- Part 4. Textile Dyeing and Finishing Products;
- Part 5. Paper Products;
- Part 6. Brewers;
- Part 7. Alcohol manufacture;
- Part 8. ammonia;
- Part 9. MSG manufacturing;
- Part 10. pharmaceutical products;
- Part 11. PREPARATION;
- Part 12. alumina production;
- Part 13. ethylene production;

1 Scope

GB/T 18916.18-2015 is the Chinese national standard on norm of water intake - part 18: copper smelting production, 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 2015 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 2016. 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.

GB/T 18916 in this section specifies the terms and definitions copper smelting water quota, calculated and water quotas. This section applies to existing, new and expanded copper smelting company to take water management.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document. GB/T 467 cathode

GB/T 12452 Enterprise General water balance test

GB/T 18820 industrial products Intake Quota General

GB/T 21534 INDUSTRIAL WATER term

GB 24789 units of water management and water measuring instruments General YS/T 318 copper concentrate

3 Terms and Definitions

GB/T 467, GB/T 18820, the terms and definitions GB/T 21534 and YS/T 318 defined apply to this document.

4.1 General provisions

4.1.1 The quantity of water range Water withdrawal range is the water companies from a variety of conventional water extraction, including from the surface water (water supply net metering), underground Water, urban water supply projects, as well as enterprises from the commercially available water or other products (such as steam, hot water, geothermal, etc.) of water.

4.1.2 The quantity of water supply range It refers to the production process for smelting copper smelting - blowing - Fire refining - each electrolytic refining process (not including metallurgical acid process) main health Production, auxiliary production subsidiary production, not including non-industrial water production.

4.1.3 various water metering Quantity of water, the amount of water purchased outside the water supply enterprises are measured at one meter prevail.

4.2 units of copper cathode quantity of water Copper cathode unit quantity of water according to equation (1). $V_{ui} = V_i$ (1)

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