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

GB/T 18916.32-2017

Norm of water intake - Part 32: Iron ore mineral processing

取水定额 第32部分：铁矿选矿

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Foreword

GB/T 18916 "water quota", has been or plans to release The following section.

- Part 1. Thermal power generation;
- Part 2. Steel and iron joint ventures;
- Part 3. Oil refining;
- Part 4. Textile dyeing and finishing products;
- Part 5. Paper products;
- Part 6. Beer manufacturing;
- Part 7. Alcohol manufacturing;
- Part 8. Synthetic ammonia;
- Part 9. MSG manufacturing;
- Part 10. Medical products;
- Part 11. Coal preparation;
- Part 12. Alumina production;
- Part 13. Ethylene production;

1 Scope

GB/T 18916.32-2017 is the Chinese national standard on norm of water intake - part 32: iron ore mineral processing, 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 29 September 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 April 2018. 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 This section gives the iron ore beneficiation water quota terms and definitions, calculation methods and water quota. This section applies to the existing, new and renovation and expansion of iron ore processing enterprises to take over the management of water.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest version (including all changes) applies to this document.

GB/T 12452 business water balance and testing rules

GB/T 18820 industrial products water quota preparation rules

GB/T 21534 industrial water-saving terms

GB 24789 water units of water measuring instruments and management of general rules

3 Terms and definitions

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

4.1 General Provisions

4.1.1 water withdrawal range The range of water withdrawal refers to the amount of water the enterprise extracts from various conventional sources of water, including those taken from surface water (measured by the water supply of the water treatment plant), groundwater, Urban water supply projects, and other water or water products (such as steam, hot water, geothermal water, etc.) purchased by the enterprise from the market. The amount of water should be added to factories and mines that send the concentrate to pipelines in different places and no longer reclaim the filtered water.

4.1.2 water supply range Iron ore beneficiation The scope of water supply to the mine, including the main production (including crushing, screening, beneficiation, concentrate production within the concentrator, etc.), auxiliary Production (including water treatment, boiler room, mechanical repair, inspection and transportation, etc.) and subsidiary production (including office, afforestation, factory canteen, bathroom and toilet Etc.); does not include the water withdrawal of enterprises owned power plants (including power plants

for their own use of chemical water) and dry process water consumption.

4.1.3 Measurement of water withdrawal Take the amount of water to a business meter measurement shall prevail.

4.2 tons of ore to take water Tons of raw water withdrawal according to formula (1) calculation. $V_{ui} = V_i$ (1)

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