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

GB/T 18916.64-2022

Norm of water intake - Part 64: Building and sanitary ceramics

取水定额 第64部分：建筑卫生陶瓷

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part

1. Structure and Drafting Rules for Standardization Documents" drafting. This document is part 64 of GB/T 18916 "Water Intake Quota". GB/T 18916 has issued the following parts.

--- Part 1. thermal power generation;

2. Iron and steel complex;

3. Petroleum refining;

4. Textile dyeing and finishing products;

5. Paper products;

6. Beer Manufacturing;

7. Alcohol manufacturing;

8. Synthetic ammonia;

9. Monosodium glutamate (MSG);

10. Chemical and pharmaceutical products;

11. Coal preparation;

12. Alumina Production;

1 Scope

GB/T 18916.64-2022 is the Chinese national standard on norm of water intake - part 64: building and sanitary ceramics, 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 30 December 2022 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 April 2023. 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 document specifies the calculation method, water intake quota and quota management requirements for building sanitary ceramics. This document is applicable to the management of water intake of existing, new and expanded ceramic tile and sanitary ceramic product manufacturing enterprises.

2 Normative references

The contents of the following documents constitute the essential provisions of this document through normative references in the text. Among them, dated references For documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document. GB/T 4100 ceramic tiles

GB/T 6952 Sanitary Ceramics

GB/T 9195 Classification and Terminology of Building Sanitary Ceramics

GB/T 12452 Water Balance Test General Rules

GB/T 18820 General rules for establishment of water intake quotas for industrial enterprises

GB/T 21534 Water Conservation Terminology

GB/T 24789 General Rules for Equipping and Management of Water Measuring Instruments for Water Units

3 Terms and Definitions

The terms and definitions defined in GB/T 4100, GB/T 6952, GB/T 9195, GB/T 18820 and GB/T 21534 apply to this document.

4.1 General provisions

4.1.1 Scope of water intake The amount of water extracted by enterprises from various conventional water sources, including surface water (measured by water supply from water purification plants), groundwater, urban water supply projects, and And the water volume of other water or water products (such as steam, hot water, geothermal water, etc.) purchased

by the enterprise from the market.

4.1.2 Water supply scope The scope of water intake and supply for building sanitary ceramics manufacturing includes. main production (coarse and medium crushing of raw materials, mud preparation and treatment, powder making, glaze making, shape, drying, glazing, firing, cold processing, packaging, in-plant transportation, etc.), auxiliary production (gas station/fuel depot, mold processing, substation/power distribution room, Power workshop/air compressor station, heating/refrigeration, machine repair, environmental protection facilities, lighting, warehouse, etc.) and ancillary production (office building, staff canteen, workshop bathroom, health stations, greening, etc.).

4.2 Water intake per unit product The water intake of unit building sanitary ceramic products is calculated according to formula (1).