

ICS 13.060.25

CCS P 41



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

GB/T 18916.14-2023

Replacing GB/T 18916.14-2014

Norm of water intake - Part 14: Wool textile product

取水定额 第14部分：毛纺织产品

Issued on: November 27, 2023

Implemented on: March 1, 2024

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative reference documents
- 3 Terms and definitions
- 4 Calculation methods

Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting: This document is Part 14 of GB/T 18916 "Water Intake Quota": GB/T 18916 has released the following parts:

- Part 1: Thermal power generation;
- Part 2: Steel complex;
- Part 3: Petroleum refining;
- Part 4: Textile dyeing and finishing products;
- Part 5: Paper products;
- Part 6: Beer;
- Part 7: Alcohol;
- Part 8: Synthesis of ammonia;
- Part 9: Monosodium glutamate (monosodium glutamate);
- Part 10: Chemical pharmaceutical products;
- Part 11: Coal preparation;
- Part 12: Alumina;
- Part 13: Ethylene production;

1 Scope

GB/T 18916.14-2023 is the Chinese national standard on norm of water intake - part 14: wool textile product, 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 27 November 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 March 2024. Classification: ICS 13.060.25, CCS P 41. 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 stipulates the calculation method, water quota and management requirements for wool textile products: This document applies to water management in wool textile product manufacturing enterprises:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations For undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

GB/T 5706 Textile Wool Textile Product Terminology

GB/T 12452 General principles for water balance testing

GB/T 18820 General rules for compiling water quotas for products of industrial enterprises

GB/T 21534 Water conservation terminology

GB/T 24789 General rules for the equipment and management of water measuring instruments for water use units

3 Terms and definitions

The terms and definitions defined in GB/T 5706, GB/T 18820 and GB/T 21534 apply to this document:

4 Calculation methods

1 Calculation range 4:1:

1 The calculation scope of water sources includes surface water (measured by water supply from water purification plants), groundwater, urban water supply projects, and enterprises' supply from the market: Purchased other water or water products (such as steam, hot water, geothermal water, etc.): 4:1:

2 The calculation scope of water intake includes main production systems (primary processing of raw materials, strip making, dyeing, spinning, weaving and finishing, etc.),

auxiliary Production systems (soft water stations, boiler rooms, air compressor stations, sewage stations, air conditioning units, etc.) and ancillary production systems (office buildings, canteens, bathrooms, factory dormitories, etc.) housing, greening, etc.): 4:

2 Calculation formula The water intake per unit product is calculated according to formula (1): $V_{ui} = V_i / Q_i$ In the formula: V_{ui}

---water intake per unit product, the unit is cubic meters per hundred meters ($m^3/100m$) or cubic meters per ton (m^3/t); V_i

--- During the statistical reporting period, the total amount of water taken by an enterprise to produce a certain wool textile product, in cubic meters (m^3); Q

--- During the statistical reporting period, the company's production of certain wool textile qualified products is equivalent to the standard product output: According to different product types, the measurement sheet Bits are measured in hundreds of meters (100m) or tons (t):