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

GB/T 32151.35-2025

**Requirements of the greenhouse gas emissions accounting
and reporting - Part 35: Glass fibre products enterprises**

温室气体排放核算与报告要求 第35部分：玻璃纤维产品生产企业

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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 35 of GB/T 32151. GB/T 32151 has been published in the following parts.

1. Power generation enterprises;
2. Grid enterprises;
3. Magnesium smelting enterprises;
4. Aluminium smelting enterprises;
5. Iron and steel production enterprises;
6. Civil aviation enterprises;
7. Flat glass production enterprises;
8. Cement production enterprises;
9. Ceramic production enterprises;
10. Chemical production enterprises;
11. Coal production enterprises;
12. Textile and clothing enterprises;

1 Scope

GB/T 32151.35-2025 is the glass fibre part of the Chinese greenhouse gas accounting and reporting series. Glass fibre production is energy intensive in a particular way: the furnace holds a glass melt at around fifteen hundred degrees continuously for years, so fuel combustion dominates, and on top of it the carbonate raw materials decompose to give direct process carbon dioxide that has nothing to do with the fuel. Both have to be accounted separately, and this standard says how. It sets the calculation steps, the accounting boundaries and the emission sources, the accounting requirements and the emission calculation for each source, the data quality management requirements and the content and format of the report, with informative annexes giving the reporting template and the default values of the parameters. China makes the majority of the world's glass fibre, so for a purchaser of Chinese reinforcement asking for embodied carbon, this is the document that defines what the answer means. It takes effect on 1 August 2025.

This document specifies the calculation steps, calculation boundaries and emission sources, calculation requirements and Emissions calculations, data quality management requirements, report content and format. This document applies to greenhouse gas emissions from glass fiber product manufacturers such as glass balls, glass fiber yarn, fabrics, felts and multi-layer fabrics Quantity accounting and reporting.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 213 Method for determination of calorific value of coal

GB/T 384 Determination of calorific value of petroleum products

GB/T 1606 Industrial Sodium Bicarbonate

GB/T 3286.1 Chemical analysis methods for limestone and dolomite Part

1.Determination of calcium oxide and magnesium oxide content Complex drop Flame Atomic Absorption Spectrometry

GB/T 3286.9 Chemical analysis methods for limestone and dolomite Part

9.Determination of carbon dioxide content - Soda asbestos absorption Gravimetric method

GB/T 11062 Calculation method for calorific value, density, relative density and Wobbe index of natural gas

GB 17167 General rules for the allocation and management of energy metering instruments in energy-consuming units

GB/T 18374 Terminology of Reinforced Materials

GB/T 24851 Requirements for the deployment and management of energy metering equipment in the building materials industry

GB/T 32150 General principles for accounting and reporting of greenhouse gas emissions from industrial enterprises JJG195 Verification procedures for continuous cumulative automatic weighing instruments (belt scales) JJG564 Verification Procedure for Gravity-Type Automatic Loading Scales JJG1118 Verification Procedure for Electronic Truck Scale (Weighing Instrument Load Measuring Instrument Method) JJG2063 Liquid flow meter calibration system table JJG2064 Gas Flow Metering Equipment Calibration System Table

3 Terms and definitions

The terms and definitions defined in GB/T 18374 and GB/T 32150 and the following apply to this document.

3.1 Greenhouse gas The natural and human-caused gases in the atmosphere that absorb and emit radiation from the Earth's surface, atmosphere, and clouds. The gaseous component of radiation with wavelengths in the infrared spectrum.