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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 32151.33-2025

Requirements for greenhouse gas emissions accounting and reporting - Part 33: Pigment production enterprises

温室气体排放核算与报告要求 第33部分：颜料生产企业

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Standardization Administration of the PRC**

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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 33 of GB/T 32151, "Requirements for Accounting and Reporting of Greenhouse Gas Emissions". GB/T 32151 has been published as follows: Part 2.

1.Power Generation Enterprises;

2.Power Grid Enterprises;

3.Magnesium Smelting Enterprises;

4.Aluminum Smelting Enterprises;

5.Steel Production Enterprises;

6.Civil Aviation Enterprises;

7.Flat Glass Manufacturers;

8.Cement Production Enterprises;

9.Ceramic Manufacturing Enterprises;

10.Chemical Production Enterprises;

11.Coal Production Enterprises;

12.Textile and Apparel Enterprises;

1 Scope

GB/T 32151.33-2025 is the Chinese national standard covering accounting emissions in a pigment works - the boundary, the fuel and electricity, and the process emissions of titanium dioxide production by the sulfate and chloride routes, which differ enough that they have to be handled separately. At 26,500 words. Part 33 of the sector accounting series, first edition. In force from 1 May 2026. Issued on 31 October 2025, it has been in force since 1 May 2026.

This document specifies the accounting boundaries, measurement and monitoring requirements, accounting procedures, and accounting methods for greenhouse gas emissions from pigment manufacturing enterprises. Law, data quality management, report content and format. This document applies to the accounting and reporting of greenhouse gas emissions by pigment manufacturing companies.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 210 Industrial Sodium Carbonate

GB/T 213 Method for Determination of Calorific Value of Coal

GB/T 384 Determination of calorific value of petroleum products

GB/T 476 Methods for the determination of carbon and hydrogen in coal

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 by Complexing Droplets Fixed method and flame atomic absorption spectrometry

GB/T 3286.9 Chemical Analysis Methods for Limestone and Dolomite - Part

9.Determination of Carbon Dioxide Content; Caustic Soda and Asbestos Absorption Gravimetric method

GB/T 6052 Industrial Liquid Carbon Dioxide

GB/T 8984 Determination of carbon monoxide, carbon dioxide and hydrocarbons in gases by gas chromatography

GB/T 13610 Compositional Analysis of Natural Gas - Gas Chromatography

GB/T 15316 General Technical Rules for Energy Conservation Monitoring