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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 32151.45-2024

Requirements of the greenhouse gas emissions accounting and reporting-Part 45: Phosphoric acid and phosphate enterprise

温室气体排放核算与报告要求 第45部分：磷酸及磷酸盐企业

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

- Part 1: Power generation enterprises;
- Part 2: Grid enterprises;
- Part 3: Magnesium smelting enterprises;
- Part 4: Aluminium smelting enterprises;
- Part 5: Iron and steel production enterprises;
- Part 6: Civil aviation enterprises;
- Part 7: Flat glass production enterprises;

- Part 8: Cement production enterprises;
- Part 9: Ceramic production enterprises;
- Part 10.Chemical production enterprises;
- Part 11.Coal production enterprises;
- Part 12.Textile and clothing enterprises;
- Part 13.Independent coking enterprises;
- Part 14.Other non-ferrous metal smelting and rolling processing enterprises;
- Part 15.Petrochemical enterprises;
- Part 16.Oil and gas production enterprises;
- Part 17.Fluorine chemical enterprises;
- Part 18.Forging enterprises;
- Part 19.Heat treatment enterprises;
- Part 20.Furniture manufacturing enterprises;
- Part 21.Foundry enterprises;
- Part 22.Livestock and poultry breeding enterprises;
- Part 23.Planting industry institutions;
- Part 24.Electronic equipment manufacturing enterprises;
- Part 25.Food, tobacco, wine, beverage and refined tea enterprises;
- Part 26.Paper and paper products manufacturing enterprises;
- Part 27.Land transportation enterprises;
- Part 28.Mining enterprises;
- Part 29.Machinery and equipment manufacturing enterprises;
- Part 30.Water transport enterprises;
- Part 31.Wood processing enterprises;
- Part 32.Coatings manufacturers;
- Part 33.Pigment production enterprises;
- Part 34.Carbon material production enterprises;
- Part 35.Glass fiber product manufacturers;

- Part 36.Thermal insulation material manufacturers;
- Part 37.Manufacturers of sintered building materials for walls, roofs and roads;
- Part 38.Cement product manufacturers;
- Part 39.Building gypsum production enterprises;
- Part 40.Manufacturers of building waterproof materials;
- Part 41.Industrial silicon production enterprises;
- Part 42.Copper smelting enterprises;
- Part 43.Lead smelting enterprises;
- Part 44.Zinc smelting enterprises;
- Part 45.Phosphoric acid and phosphate enterprises;
- Part 46.Waste battery treatment and disposal companies.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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Introduction

Climate change caused by human activities has been recognized as one of the greatest challenges facing the world and will continue to occur in the coming decades.

Climate change will have an impact on human and natural systems and will have an impact on resource availability, economic activities and human In response, relevant international organizations, countries and regions are formulating and implementing international, regional, national and local The United Nations is working to develop a green house gas emissions management program to reduce greenhouse gas (GHG) concentrations in the Earth's atmosphere and help humanity adapt to climate change.

Greenhouse gas emission management plans need to be based on the best scientific knowledge and take effective and progressive measures to address the impacts of climate change.

Standards help transform this scientific knowledge into tools to address climate change. Greenhouse gas emissions management programs rely on Relies on the quantification, monitoring and reporting of greenhouse gases.

GB/T 32151 specifies the requirements for greenhouse gas emissions accounting and reporting at different enterprise levels.

Enterprises shall specify their greenhouse gas emission accounting boundaries, measurement and monitoring requirements, accounting steps and methods, data quality management, reporting Report content and format, etc. GB/T 32151 is intended to be divided into the following parts.

- Part 1: Power generation enterprises;

- Part 2: Grid enterprises;

- Part 3: Magnesium smelting enterprises;

- Part 4: Aluminium smelting enterprises;

- Part 5: Iron and steel production enterprises;

- Part 6: Civil aviation enterprises;

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