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

GB/T 48132.8-2026

**Green mine construction specifications - Part 8: Aggregate
mine**

(English Translation)

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Foreword

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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 8 of GB/T 48132 "Code for Construction of Green Mines". GB/T 48132 has already published the following parts.

- Part 1: Coal Mines;
- Part 2: Onshore Oil and Gas Fields;
- Part 3: Ferrous Metal Mines;
- Part 4: Non-ferrous metal mines;
- Part 5: Chemical Mines;
- Part 6: Non-metallic Mines;
- Part 7: Gold Mine;
- Part 8: Sand and Gravel Mines;
- Part 9: Limestone Mines for Cement;
- Part 10: Geothermal Mineral Water Mines.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document is under the jurisdiction of the National Technical Committee on Standardization of Natural Resources and Territorial Spatial Planning (SAC/TC 93).

Introduction

GB/T 48132, "Code for Green Mine Construction," guides the construction of green mines in my country in terms of resource extraction, comprehensive resource utilization, and green and low-carbon development.

The basic standards for carbon sequestration, ecological restoration, technological

innovation and standardized management, and mining environment aim to establish the foundation for green mine construction in various industries.

These requirements and incentives consist of 10 parts.

--Part 1: Coal Mines. The aim is to standardize the construction of green coal mines.

--Part 2: Onshore Oil and Gas Fields. The aim is to standardize the green mining construction of onshore oil and gas fields.

--Part 3: Ferrous Metal Mines. The aim is to standardize the green mining development of ferrous metal mines such as iron, manganese, chromium, vanadium, and titanium.

--Part 4: Non-ferrous Metal Mines. The aim is to regulate copper, lead, zinc, aluminum, magnesium (magnesia-smelting dolomite), nickel, tungsten, tin, molybdenum, antimony, and lithium mines.

Green mine construction for non-ferrous metal mines such as spodumene, lepidolite, silver, beryllium, strontium, zirconium, hafnium, tantalum, niobium, and germanium.

--Part 5: Chemical Mining. The purpose is to regulate lithium (brine lithium), phosphorus, sulfur, potassium salts, magnesium salts, boron, mirabilite, mineral salts, bromine, and natural...

--Part 6: Non-metallic Mines. The purpose is to regulate the mining of diamonds, graphite, quartz, kyanite, andalusite, wollastonite, sillimanite, etc.

Talc, asbestos (chrysotile), mica, feldspar, pyrophyllite, vermiculite, zeolite, gypsum, barite, calcite, magnesite, fluorite, and other minerals.

Stone, agate, marble, dolomite, quartzite, vein quartz, natural quartz sand, powdered quartz, high-purity quartz, kaolin, ceramic clay, iron Alumina, granite, refractory clay, bentonite, diatomite, sepiolite clay, attapulgite clay, illite clay, peridotite, pyroxene Green mine construction for non-metallic minerals such as greenstone, basalt, and perlite.

--Part 7: Gold Mines. The aim is to standardize the green mining practices of gold mines.

--Part 8: Sand and Gravel Mines. The aim is to standardize the green mining construction of sand, gravel, and clay mines for construction.

--Part 9: Limestone Mines for Cement. The aim is to standardize the green mine construction of limestone mines for cement.

--Part 10: Geothermal and Mineral Water Mines. The purpose is to standardize the green mining construction of geothermal and mineral water mines.

Green Mine Construction Standards Part 8: Sand and Gravel Mines

1 Scope

This document outlines the basic principles and requirements for the construction of green sand and gravel mines, as well as resource extraction, comprehensive resource utilization, and green and low-carbon development.

Requirements regarding carbon emissions, ecological restoration, technological innovation and standardized management, and the mining area environment.

This document applies to mines producing sand, gravel, and clay for construction (including but not limited to construction sand, brick and tile sand, limestone for building stone, and other building materials).

Dolomite, peridotite for construction, diabase for construction, andesite for construction, diorite for construction, granite for construction, tuff for construction, building...

Marble for building, sandstone for building, basalt for building, slate for building, sandstone for bricks and tiles, shale for bricks and tiles, and clay for bricks and tiles, as well as others.

Green mine construction for new, renovated, expanded, and operating mines (building sand, gravel, and clay).

2 Normative references

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 2589 General Rules for Calculating Comprehensive Energy Consumption GB 2894 Safety Colors and Safety Signs GB 8978 Integrated Wastewater Discharge Standard GB 12348 Emission Standard for Environmental Noise at the Boundary of Industrial Enterprises GB/T 13306 Nameplates GB/T 14161 Mine Safety Signs GB 16297 Integrated Emission Standard for Air Pollutants GB 16423 Safety Regulations for Metal and Non-metal Mines GB 18597 Standard for Pollution Control of Hazardous Waste Storage GB 18598 Standard for Pollution Control of Hazardous Waste Landfill GB 18599 Standard for Pollution Control of General Industrial Solid Waste Storage and Landfill GB/T 42249 Technical Indicators and Calculation Methods for Comprehensive Utilization of Mineral Resources GB/T 43935 Technical Specification for Monitoring and Evaluation of Mine Land Reclamation and Ecological Restoration GB/T 44823 General Rules for Green Mine Evaluation GB 50187 Standard for General Layout Design of Industrial Enterprises GB 51186 Design Code for Mechanized Sand and Gravel Aggregate Plants GB J 22 Code for Design of Roads in Factories and Mines DZ/T 0376 Standard for Intelligent Mine Construction DZ/T 0462.14 Requirements for the "Three Rates" Indicators of Mineral Resources - Part 14: Decorative Stone and Building Stone Minerals HJ 25.6 Technical

Guidelines for Groundwater Remediation and Risk Management of Contaminated Sites HJ
1209 Technical Guidelines for Self-Monitoring of Soil and Groundwater in Industrial
Enterprises (Trial)