



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS A 6206 : 2024

(NSA/JSA)

**Ground granulated blast-furnace slag for
concrete**

A 6206 : 2024

Date of Establishment: 1995-03-01

Date of Revision: 2024-11-20

Date of Public Notice in Official Gazette: 2024-11-20

Investigated by: Japanese Industrial Standards Committee
Standards Board for ISO area
Technical Committee on Civil Engineering

JIS A 6206 : 2024, First English edition published in 2025-07

Translated and published by: Japanese Standards Association
Mita Avanti, 3-11-28, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

© JSA 2025

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

SW

PROTECTED BY COPYRIGHT

Contents

	Page
Introduction	1
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Classification	3
5 Quality	3
6 Raw materials	4
6.1 Granulated blast-furnace slag	4
6.2 Gypsum	4
6.3 Grinding aids	4
7 Test methods	4
7.1 Sample	4
7.2 Density	5
7.3 Specific surface area	5
7.4 Activity index and ratio of flow value	5
7.5 Magnesium oxide	5
7.6 Sulfur trioxide	5
7.7 Ignition loss	5
7.8 Chloride ion	5
8 Expression of test results	5
9 Inspection	6
10 Packaging	6
11 Marking	6
12 Report	6
Annex JA (normative) Test method for activity index and ratio of flow value using mortar containing ground granulated blast-furnace slag	8
Annex JB (informative) Comparison table between JIS and corresponding International Standard	11
Annex JC (informative) List of technically significant revisions from the previous edition	19

Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Nippon Slag Association (NSA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS A 6206** : 2013), which has been technically revised.

This **JIS** document is protected by the Copyright Act.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, published patent application or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, published patent application or utility model rights.

Ground granulated blast-furnace slag for concrete

Introduction

This Japanese Industrial Standard was established in 1995, and has gone through four revisions including this one. The last revision was made in 2013, and the revision at this time is to provide clear descriptions of, for example, the preparation of samples used for chemical analysis.

This Standard has been prepared by incorporating the parts of **ISO 22904** : 2020, Edition 1, applicable to ground granulated blast-furnace slag, with some modifications of the technical contents to harmonize with the state of use in Japan.

Annex JA is unique to **JIS** and not given in the corresponding International Standard. The dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JB. A list of technically significant revisions from the previous edition with reasons is given in Annex JC.

1 Scope

This Standard specifies requirements for the ground granulated blast-furnace slag used for admixture in concrete or mortar.

NOTE The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 22904 : 2020 *Additions for concrete* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

Part or all of the provisions of the following standards, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS R 5201 *Physical testing methods for cement*

NOTE Normative reference in the corresponding International Standard: ISO 679 *Cement — Test methods — Determination of strength*, and ISO 9597 *Cement — Test methods — Determination of setting time and soundness*

JIS R 5202 *Methods for chemical analysis of cements*