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**Slag aggregate for concrete — Part 1:
Blast furnace slag aggregate**

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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) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS A 5011-1:2013** is replaced with this Standard.

However, **JIS A 5011-1: 2013** may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until July 21, 2018.

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JIS A 5011 series consists of the following 4 parts under the general title “*Slag aggregate for concrete*”:

Part 1: Blast furnace slag aggregate

Part 2: Ferronickel slag aggregate

Part 3: Copper slag aggregate

Part 4: Electric arc furnace oxidizing slag aggregate

Slag aggregate for concrete — Part 1 : Blast furnace slag aggregate

Introduction

This Japanese Industrial Standard was established in 1997 by integrating **JIS A 5011** (established in 1977) and **JIS A 5012** (established in 1981), and has been revised three times since then. A comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex D.

No corresponding International Standard has been established at this point.

1 Scope

This Standard provides specification applicable to blast furnace slag aggregate used for concrete.

2 Normative references

The following standards contain provisions which, 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 A 0203 *Concrete terminology*

JIS A 1102 *Method of test for sieve analysis of aggregates*

JIS A 1103 *Method of test for amount of material passing test sieve 75 μm in aggregates*

JIS A 1104 *Methods of test for bulk density of aggregates and solid content in aggregates*

JIS A 1109 *Methods of test for density and water absorption of fine aggregates*

JIS A 1110 *Methods of test for density and water absorption of coarse aggregates*

JIS A 1158 *Method for reducing samples of aggregate to testing size*

JIS H 6201 *Platinum crucibles for chemical analysis*

JIS K 0050 *General rules for chemical analysis*

JIS K 0058-1 *Test methods for chemicals in slags — Part 1 : Leaching test method*

JIS K 0058-2 *Test methods for chemicals in slags — Part 2 : Test method for acid extractable contents of chemicals*

JIS K 0115 *General rules for molecular absorptiometric analysis*

JIS K 0116 *General rules for atomic emission spectrometry*

JIS K 0119 *General rules for X-ray fluorescence analysis*