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**Slag aggregate for concrete — Part 4:
Electric arc furnace oxidizing 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 5011-4:2013** is replaced with this Standard.

However, **JIS A 5011-4: 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 4 : Electric arc furnace oxidizing slag aggregate

Introduction

This Japanese Industrial Standard mainly specifies the quality requirements for electric furnace slag aggregate to be used for concrete. This Standard was established in 2003 and has been revised twice 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 requirements for electric arc furnace oxidizing slag aggregate to be used for concrete.

It is applicable to electric arc furnace oxidizing slag aggregate products that are manufactured in plants where measures to prevent mixture of reduced slag into the products are provided all through the production process.

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 1145 *Method of test for alkali-silica reactivity of aggregates by chemical method*

JIS A 1146 *Method of test for alkali-silica reactivity of aggregates by mortar-bar method*

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

JIS H 6201 *Platinum crucibles for chemical analysis*