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Slag aggregate for concrete—Part 5: Coal gasification slag aggregate

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Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Japan Coal Energy Center (JCOAL)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act.

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Slag aggregate for concrete— Part 5: Coal gasification slag aggregate

1 Scope

This Japanese Industrial Standard provides requirements for coal gasification slag aggregate to be 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 1145 *Method of test for alkali-silica reactivity of aggregates by chemical method*

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

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 0116 *General rules for atomic emission spectrometry*

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

JIS K 0211 *Technical terms for analytical chemistry (General part)*

JIS K 8001 *General rules for test methods of reagents*

JIS K 8085 *Ammonia solution (Reagent)*

JIS K 8102 *Ethanol (95) (Reagent)*

JIS K 8155 *Barium chloride dihydrate (Reagent)*

JIS K 8180 *Hydrochloric acid (Reagent)*

JIS K 8223 *Perchloric acid (Reagent)*

JIS K 8432 *Magnesium oxide (Reagent)*

JIS K 8541 *Nitric acid (Reagent)*