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Recycled aggregate for concrete-Class H

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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 Japan Concrete Institute (JCI)/Japanese Standards Association (JSA) 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 5021:2016** is replaced with this Standard.

However, **JIS A 5021:2016** 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 November 20, 2018.

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Recycled aggregate for concrete-Class H

1 Scope

This Japanese Industrial Standard specifies the recycled aggregate for concrete-class H (hereafter referred to as recycled aggregate H) manufactured by giving high level treatment such as crushing, grinding and classification to the concrete lumps generated as a result of, for example, demolition of a building.

The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex E.

NOTE Concrete lumps are generated not only by demolishing buildings but also by hardening the concrete which returned from concrete products and ready mixed 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 1121 *Method of test for resistance to abrasion of coarse aggregate by use of the Los Angeles machine*

JIS A 1144 *Method of test for chloride concentration in water of fresh concrete*

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 1154 *Methods of test for chloride ion content in hardened concrete*

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

JIS A 1804 *Methods of test for production control of concrete — Method of rapid test for identification of alkali-silica reactivity of aggregate*