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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 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 5021 : 2018), which has been technically revised.

However, **JIS A 5021** : 2018 may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 20 March 2025.

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Recycled aggregate for concrete-Class H

1 Scope

This Japanese Industrial Standard specifies requirements for 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 selection to the concrete lumps ¹) generated as a result of, for example, demolition of a building.

A list of technically significant revisions from the previous edition with reasons is given in Annex E.

Note ¹⁾ 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

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 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 mum in aggregates
JIS A 1104	<i>Methods of test for bulk density of aggregates and solid content in ag- gregates</i>
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

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