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(JCI)

**Method for reducing samples of
aggregate to testing size**

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Foreword

This Japanese Industrial Standard has been revised by the Minister of Land, Infrastructure, Transport and Tourism 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) 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 1158:2014**), which has been technically revised.

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Method for reducing samples of aggregate to testing size

1 Scope

This Japanese Industrial Standard specifies the methods for reducing fine aggregate and coarse aggregate to a specified sample size. For coarse aggregate, this Standard is applicable to maximum sizes of up to 40 mm (i.e. not applicable to those over 40 mm).

Aggregate larger than 40 mm shall be reduced by using other reasonable methods.

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

2 Normative reference

Part or all of the provisions of the following standard, through reference in this text, constitute provisions of this Standard. The most recent edition of the standard (including amendments) indicated below shall be applied.

JIS A 0203 *Concrete terminology*

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions, and those given in **JIS A 0203** apply.

3.1

reduction

task of reducing the mass (volume) of an aggregate using a technique intended to minimize variations of measured characteristics

3.2

quartering

method of reducing aggregate sample approximately to half by spreading the sample into a flat circle, dividing the circle into four quadrants, then collecting two diagonally opposite quadrants

3.3

sample splitter

instrument comprising parallel slits for dividing sample aggregate into halves and to reduce it approximately to half

4 Instruments

4.1 Shovel, used for quartering, straight-edged and large enough to uniformly collect the aggregate to be reduced. Small, square-edged hand scoop may be used for fine ag-