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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 in accordance with the Industrial Standardization Law.

Consequently **JIS A 5308**:2014 is replaced with this Standard.

However, **JIS A 5308**:2014 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 September 19, 2019.

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Ready-mixed concrete

Introduction

This Japanese Industrial Standard was established in 1953 and has gone through 13 revisions including this one. The last revision was made in 2014, and this revision is intended to reflect the recent advances in technology and environmental considerations.

No corresponding International Standard has been established at this point. The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex H.

1 Scope

This Standard specifies the requirements for the ready-mixed concrete (hereafter referred to as ready-mixed concrete) delivered to the point of discharge. However, this Standard does not specify transportation, placing and curing of the concrete after delivery.

2 Normative references

The standards given in Table 13 contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) shall be applied.

3 Terms and definitions

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

3.1

chloride content

chloride ion content brought about from material at the time of manufacture of ready-mixed concrete, expressed in kilogrammes per cubic meter of concrete (kg/m^3)

3.2

total alkali content

sum total of quantity of sodium ion and potassium ion brought about from material at the time of manufacture of ready-mixed concrete, which is converted into equivalent sodium oxide in molarity, expressed in kilogrammes per cubic meter of concrete (kg/m^3)

3.3

recycled water

generic term for sludge water and supernatant water obtained by treating the wastewater generated in washing of each of the fresh mortar adhering to and the fresh concrete remaining in the transport vehicle and the mixer, hopper, etc. of the plant, and of the returned concrete (hereafter referred to as concrete washing wastewater) among the wastewater generated in washing operations in ready-mixed concrete plants