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Ready-mixed concrete

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Contents

Page

Foreword

This translation has been made based on the original Japanese Industrial Standard 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** : 2003 is replaced with this Standard.

In addition, until 2009-09-19, **JIS A 5308** : 2003 can be applied.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

Ready-mixed concrete

Introduction

This Japanese Industrial Standard was established in 1953 and until today has gone through 11 revisions, the most recent of which took place in 2003. The revision at this time has been made so as to reflect the recent advance in technology and environmental considerations.

1 Scope

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

2 Normative references

Standards listed in table 11 contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated in the table shall be applied.

3 Types

The types of ready-mixed concrete covered in this Standard are classified into ordinary concrete, light-weight concrete, concrete for pavement and high-strength concrete, and shall be those indicated by mark ○ in table 1, which are combined with the maximum size of coarse aggregates, slump or slump flow and nominal strength.

Table 1 Types of ready-mixed concrete

Type of concrete	Maximum size of coarse aggregates mm	Slump or slump flow [a] cm	Nominal strength												
			18	21	24	27	30	33	36	40	42	45	50	55	60	Flexure 4.5
Ordinary concrete	20, 25	8, 10, 12, 15, 18	○	○	○	○	○	○	○	○	○	○	–	–	–	–
		21	–	○	○	○	○	○	○	○	○	○	–	–	–	–
	40	5, 8, 10, 12, 15	○	○	○	○	○	–	–	–	–	–	–	–	–	–
Light-weight concrete	15	8, 10, 12, 15, 18, 21	○	○	○	○	○	○	○	○	–	–	–	–	–	–
Concrete for pavement	20, 25, 40	2.5, 6.5	–	–	–	–	–	–	–	–	–	–	–	–	–	○
High-strength concrete	20, 25	10, 15, 18	–	–	–	–	–	–	–	–	–	–	○	–	–	–
		50, 60	–	–	–	–	–	–	–	–	–	–	○	○	○	–

Note [a] This is the value of the point of discharge, and 50 cm and 60 cm are the value of slump flow.

In purchasing ready-mixed concrete, the purchaser shall agree with the producer on the items of **a**) to **q**).