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Expansive additive for 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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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 as the result of proposal for revision of Japanese Industrial Standard submitted by Expansive Additives Association (EAA)/ 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 6202**:2008 is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

Expansive additive for concrete

Introduction

This Japanese Industrial Standard was established in 1980 and has gone through four revisions since then. Since the last revision which was made in 2008, expansive additives with higher expansion performance have been developed, manufactured and made available on the market. The intent of this revision is to add classification of additives so as to define the specifications of newly developed additives in relation to the conventional ones.

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

1 Scope

This Standard specifies the expansive additives for concrete which are used for admixture in concrete or mortar (hereafter referred to as the expansive additives).

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 B 0205-2 *ISO general purpose metric screw threads—Part 2: General plan*

JIS B 0209-3 *ISO general purpose metric screw threads—Tolerances—Part 3: Deviations for constructional screw threads*

JIS B 1181 *Hexagon nuts and hexagon thin nuts*

JIS B 7503 *Mechanical dial gauges*

JIS G 3101 *Rolled steels for general structure*

JIS G 4401 *Carbon tool steels*

JIS R 5201 *Physical testing methods for cement*

JIS R 5202 *Methods for chemical analysis of cements*

JIS R 5210 *Portland cement*

JIS Z 1505 *Kraft paper sacks—For cement*

JIS Z 8801-1 *Test sieves—Part 1: Test sieves of metal wire cloth*

JIS Z 8833 *Sample reduction for the determination of particulate properties*

JIS Z 9015-0 *Sampling procedures for inspection by attributes—Part 0: Introduction to the JIS Z 9015 attribute sampling system*