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**Precast concrete products — General
rules for methods of performance test**

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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 Japan Precast Concrete Standard Committee (JPCC)/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 5363:2010** is replaced with this Standard.

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Precast concrete products — General rules for methods of performance test

1 Scope

This Japanese Industrial Standard specifies the general matters of the performance test for precast concrete products (hereafter referred to as products), which is one of the verification methods of the performance of the said products. However, this Standard is not applicable to concrete products for buildings which are separately specified in Japanese Industrial Standards.

This Standard does not restrict the use of other suitable test methods, and is applicable to the tests for type inspection (classification of performance test), final inspection and delivery inspection of a product, as appropriate. The comparison table between previous and current editions of this Standard on technically significant revisions is listed in Annex A.

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) listed below shall be applied.

JIS A 0203 *Concrete terminology*

JIS B 7505-1 *Aneroid pressure gauges — Part 1 : Bourdon tube pressure gauges*

JIS B 7721 *Tension/compression testing machines — Verification and calibration of the force-measuring system*

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 flexural strength test of product

test method in which a load is directly applied to a product under the condition where the bending fracture occurs on the product

3.2 shear strength test of product

test method in which a load is directly applied to a product under the condition where the shear fracture occurs on the product

3.3 compressive strength test of product

test method in which a load is directly applied to a product under the condition where the compressive fracture occurs on the product in its axial direction

3.4 internal pressure strength test of product