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STANDARD

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(JPMA/JSA)

**Testing methods for paints—
Part 1: General rule—Section 3:
Examination and preparation of
samples for testing**

ICS 87.040

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Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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 Japan Paint Manufacturers Association (JPMA)/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 K 5600-1-3:1999** is replaced with this Standard.

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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.

JIS K 5600 series consists of the following 9 parts under the general title “*Testing methods for paints*”:

Part 1: General rule

Part 2: Characteristics and stability of paints

Part 3: Film formability

Part 4: Visual characteristics of film

Part 5: Mechanical property of film

Part 6: Chemical property of film

Part 7: Long-period performance of film

Part 8: Evaluation of degradation of paint coatings

Part 9: Coating powders

JIS K 5600-1 consists of the following 8 parts under the title of “*Testing methods for paints—Part 1: General rule*”:

Section 1: General test methods (conditions and methods)

Section 2: Sampling

Section 3: Examination and preparation of samples for testing

Section 4: Standard panels for testing

Section 5: Coating of test panel (brush application)

Section 6: Temperatures and humidities for conditioning and testing

Section 7: Determination of film thickness

Section 8: Reference sample

Testing methods for paints— Part 1: General rule— Section 3: Examination and preparation of samples for testing

Introduction

This Japanese Industrial Standard has been prepared based on the fourth edition of **ISO 1513** published in 2010 with some modifications of the technical contents.

The portions given dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard is one of a series of standards dealing with the sampling and testing of paints and related products.

This Standard specifies both the procedure for preliminary examination of a single sample, as received for testing, and the procedure for preparing a test sample by blending and reduction of a series of samples representative of a consignment or bulk of paint or related product.

NOTE 1 The samples of the product to be tested are assumed to conform to **JIS K 5600-1-2**.

NOTE 2 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 1513:2010 *Paints and varnishes—Examination and preparation of test samples* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

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 K 5500 *Glossary of terms for coating materials*

NOTE : Corresponding International standard: ISO 4618 *Paints and varnishes—Terms and definitions* (MOD)

JIS K 5600-1-2 *Testing methods for paints—Part 1: General rules—Section 2: Sampling*

NOTE : Corresponding International standard: ISO 15528 *Paints, varnishes and raw materials for paints and varnishes—Sampling* (MOD)