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(JPMA/JSA)

**Long durable paints for steel  
structures**

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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 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 prepared from the association standard (**JPMS 31:2016**) 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 5659:2008** is replaced with this Standard.

However, **JIS K 5659:2008** 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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# Long durable paints for steel structures

## Introduction

This Japanese Industrial Standard was established in 1992 and has gone through revisions in 2002 and 2008 up to the present. This revision was initiated to add requirements for water-based paints.

No corresponding International Standard has been established at this point.

## 1 Scope

This Standard specifies requirements for the long durable paints mainly used for decorative finish on steel structures.

## 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 G 3141 *Cold-reduced carbon steel sheet and strip*

JIS K 5500 *Glossary of terms for coating materials*

JIS K 5551 *Heavy-duty anticorrosive paints for metal structures*

JIS K 5600-1-1 *Testing methods for paints—Part 1: General rule—Section 1: General test methods (conditions and methods)*

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

JIS K 5600-1-3 *Testing methods for paints—Part 1: General rule—Section 3: Examination and preparation of samples for testing*

JIS K 5600-1-4 *Testing methods for paints—Part 1: General rule—Section 4: Standard panels for testing*

JIS K 5600-1-6 *Testing methods for paints—Part 1: General rule—Section 6: Temperatures and humidities for conditioning and testing*

JIS K 5600-1-7 *Testing methods for paints—Part 1: General rule—Section 7: Determination of film thickness*

JIS K 5600-1-8 *Testing methods for paints—Part 1: General rule—Section 8: Reference sample*

JIS K 5600-2-6 *Testing methods for paints—Part 2: Characteristics and stability of paints—Section 6: Pot life*

JIS K 5600-2-7 *Testing methods for paints—Part 2: Characteristics and stability of paints Section 7: Storage stability*

JIS K 5600-3-2 *Testing methods for paints—Part 3: Film formability—Section 2: Surface-drying test (Ballotini method)*