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**Coated steel pipes for water
service—Part 3: Long-life external
plastic coatings**

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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 Water Steel Pipe Association (WSP)/ 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 G 3443-3:2007** is replaced with this Standard.

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JIS G 3443 series consists of the following 4 parts under the general title “*Coated steel pipes for water service*”:

Part 1: Pipes

Part 2: Fittings

Part 3: Long-life external plastic coatings

Part 4: Internal epoxy coatings

Coated steel pipes for water service— Part 3: Long-life external plastic coatings

1 Scope

This Japanese Industrial Standard specifies the long-life plastic coatings applied on the external surface of mother pipes used mainly for water works, sewage works, industrial water works and agricultural water works.

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 B 7512 *Steel tape measures*

JIS G 3443-1 *Coated steel pipes for water service—Part 1: Pipes*

JIS G 3443-2 *Coated steel pipes for water service—Part 2: Fittings*

JIS G 3477-1 *Polyethylene coated steel pipes—Part 1: 3 layer extruded polyethylene coated steel pipes*

JIS H 8300 *Thermal spraying—Zinc, aluminium and their alloys*

JIS K 5500 *Glossary of terms for coating materials*

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 5600-5-7 *Testing methods for paints—Part 5: Mechanical property of film—Section 7: Adhesion test (Pull-off method)*

JIS K 6761 *Polyethylene pipes for general purposes*

JIS K 6900 *Plastics—Vocabulary*

JIS K 6922-2 *Plastics—Polyethylene (PE) moulding and extrusion materials—Part 2: Preparation of test specimens and determination of properties*

JIS K 7112 *Plastics—Methods of determining the density and relative density of non-cellular plastics*

JIS K 7120 *Testing methods of plastics by thermogravimetry*

JIS K 7161-1 *Plastics—Determination of tensile properties—Part 1: General principles*

JIS K 7161-2 *Plastics—Determination of tensile properties—Part 2: Test conditions for moulding and extrusion plastics*

JIS K 7206 *Plastics—Thermoplastic materials—Determination of Vicat softening temperature (VST)*