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**Coated steel pipes for water
service—Part 4: Internal epoxy
coatings**

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In the event of any doubts arising as to the contents,
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Contents

	Page
1 Scope.....	1
2 Normative references	1
3 Terms and definitions	2
4 Classification and symbols of epoxy coatings.....	2
5 Epoxy coating material.....	3
6 Epoxy coating method.....	3
6.1 Substrate treatment	3
6.2 Coating	3
6.3 Treatment of pipe end holidays	3
6.4 Curing of film	3
7 Requirements for epoxy coatings	4
7.1 Appearances	4
7.2 Film thickness	4
7.3 Length of pipe end holidays.....	4
7.4 Film performance	4
8 Test method.....	5
8.1 Appearance test	5
8.2 Film thickness test.....	5
8.3 Length test of pipe end holidays.....	5
8.4 Pinhole test	5
8.5 Adhesion test (chipping method).....	5
9 Inspection	5
9.1 Appearance inspection.....	5
9.2 Film thickness inspection.....	5
9.3 Length inspection of pipe end holidays.....	5
9.4 Pinhole inspection	6
9.5 Adhesion inspection	6
9.6 Re-inspection	6
10 Marking.....	6
11 Report	6
Annex A (normative) Epoxy coating material.....	7
Annex B (normative) Long-life solventless epoxy coating.....	13
Annex C (informative) Epoxy coating of field welds.....	21
Annex D (informative) Long-life solventless epoxy coating of field welds.....	25

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 3443-4:2007** 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 4: Internal epoxy coatings

1 Scope

This Japanese Industrial Standard specifies the epoxy coatings applied on the internal surface of mother pipes used mainly for sewage works, industrial water works and agricultural water works.

This Standard does not apply to the case where water works are included in the pipe usages¹⁾.

Note¹⁾ This refers to the case where water works are included in the intended use of versatile pipelines such as conduit water pipes from the water source.

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 0601 *Geometrical Product Specifications (GPS)—Surface texture: Profile method—Terms, definitions and surface texture parameters*

JIS B 7512 *Steel tape measures*

JIS G 3101 *Rolled steels for general structure*

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

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 3443-3 *Coated steel pipes for water service—Part 3: Long-life external plastic coatings*

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

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

JIS K 5600-5-3 *Testing methods for paints—Part 5: Mechanical property of film—Section 3: Falling-weight test*

JIS K 5600-5-6 *Testing methods for paints—Part 5: Mechanical property of film—Section 6: Adhesion test (Cross-cut test)*