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Ductile iron pipes

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Contents

	Page
Introduction.....	1
1 Scope.....	1
2 Normative references	1
3 Terms and definitions	1
4 Grade of wall thickness of pipe and symbol thereof	2
5 Classification of joint, joint system and symbol thereof, and nominal size range	3
6 Manufacturing method	3
7 Mechanical properties	3
7.1 Tensile strength and elongation.....	3
7.2 Hardness	4
8 Water pressure tightness	4
9 Shapes, dimensions and tolerances	4
10 Appearance	7
11 Coating and lining	7
12 Tests	8
12.1 Tensile test	8
12.2 Hardness test	8
12.3 Water pressure tightness test	8
12.4 Measurement for shapes and dimensions	9
12.5 Appearance test	9
13 Inspections	9
13.1 General	9
13.2 Tensile strength and elongation.....	9
13.3 Hardness	10
13.4 Water pressure tightness	10
13.5 Shapes and dimensions	10
13.6 Appearance	10
13.7 Marking.....	10
13.8 Reinspection	10
14 Marking.....	10
Annex JA (normative) Shapes and dimensions of ductile iron pipes.....	13

Annex JB (informative) Comparison table between JIS and corresponding International Standard	34
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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 Ductile Iron Pipe Association (JDPA) 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 5526:1998** is replaced with this Standard.

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Ductile iron pipes

Introduction

This Japanese Industrial Standard has been prepared based on the sixth edition of **ISO 2531** published in 2009 with some modifications of the technical contents.

The portions with continuous sidelines or 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 JB.

1 Scope

This Standard specifies the ductile iron pipes (hereafter referred to as “pipes”) and accessories used to convey water and the like, under pressure or non-pressure, through piping buried underground or laid on the ground.

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

ISO 2531:2009 *Ductile iron pipes, fittings, accessories and their joints for water applications* (MOD)

The 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 A 5314 *Mortar lining for ductile iron pipes*

JIS B 0205-1 *ISO general purpose metric screw threads—Part 1: Basic profile*

JIS B 0205-3 *ISO general purpose metric screw threads—Part 3: Selected sizes for screws, bolts and nuts*

JIS B 0205-4 *ISO general purpose metric screw threads—Part 4: Basic dimensions*

JIS B 7507 *Vernier, dial and digital callipers*

JIS G 5527 *Ductile iron fittings*

JIS G 5528 *Epoxy-powder coating for interior of ductile iron pipes and fittings*

JIS Z 2241 *Metallic materials—Tensile testing—Method of test at room temperature*

JIS Z 2243 *Brinell hardness test—Test method*

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions apply.