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Steel pipe sheet piles

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Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry based on the provision of Article 14, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act in response to a proposal for revision of Japanese Industrial Standard with a draft being attached, submitted by The Japan Iron and Steel Federation (JISF), an accredited standards development organization. This edition replaces the previous edition (**JIS A 5530** : 2019), which has been technically revised.

However, **JIS A 5530** : 2019 may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 19 November 2025.

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Steel pipe sheet piles

1 Scope

This Japanese Industrial Standard specifies requirements for the steel pipe sheet piles consisting of steel pipe bodies and attached couplings ¹⁾ (hereafter referred to as steel pipe sheet piles), used for sheathing, coffering (enclosing wall intended for preventing water influx), foundation of structures and the like.

NOTE This Standard is applicable to steel pipe sheet piles composed of steel pipe bodies with an outside diameter of 500 mm to 2 000 mm (see **12.3**).

Note ¹⁾ Some steel pipe sheet piles, due to the using condition or the pipe body construction, are only pipe bodies with no couplings attached.

2 Normative references

Part or all of the provisions of the following standards, 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 0202 *Glossary of terms used in iron and steel (Testing)*

JIS G 0203 *Glossary of terms used in iron and steel (Products and quality)*

JIS G 0320 *Standard test method for heat analysis of steel products*

JIS G 0404 *Steel and steel products — General technical delivery requirements*

JIS G 0415 *Steel and steel products — Inspection documents*

JIS G 3101 *Rolled steels for general structure*

JIS G 3192 *Dimensions, shape, mass and permissible variations of hot rolled steel sections*

JIS G 3193 *Dimensions, shape, mass and permissible variations of hot rolled steel plates, sheets and strips*

JIS G 3444 *Carbon steel tubes for general structure*

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

JIS Z 3060 *Method for ultrasonic testing for welds of ferritic steel*

JIS Z 3104 *Methods of radiographic examination for welded joints in steel*

JIS Z 3121 *Methods of tensile test for butt welded joints*

JIS Z 3211 *Covered electrodes for mild steel, high tensile strength steel and low temperature service steel*

JIS Z 3312 *Solid wires for MAG and MIG welding of mild steel, high strength steel*