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Steel pipe piles

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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 The Japan Iron and Steel Federation (JISF) 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 A 5525:2014** is replaced with this Standard.

However, **JIS A 5525:2014** 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 March 19, 2020.

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Steel pipe piles

1 Scope

This Japanese Industrial Standard specifies requirements for welded steel pipe piles (hereafter referred to as piles) used for foundation of structures mainly in the fields of civil engineering and architecture. The piles for land slide prevention are within the scope of this Standard.

The quality requirements for ribbed blank pipe that can be applied upon agreement between the purchaser and the manufacturer are given in Annex A.

NOTE 1 Steel pipes for landslide prevention are also specified in **JIS G 3444** and **JIS G 5201**.

NOTE 2 This Standard is mainly applicable to piles with an outside diameter of 318.5 mm to 2 000 mm.

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

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

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 and low temperature service steel*

JIS Z 3313 *Flux cored wires for gas shielded and self-shielded metal arc welding of mild steel, high strength steel and low temperature service steel*

JIS Z 3351 *Solid wires for submerged arc welding of carbon steel and low alloy steel*

JIS Z 3352 *Fluxes for submerged arc welding and electroslag welding*

JIS Z 8401 *Guide to the rounding of numbers*

3 Constitution of piles

Constitution of a pile and designation of each member are shown in Figure 1.