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Hot rolled steel sheet 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 a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS A 5528**: 2012), which has been technically revised.

However, **JIS A 5528**: 2012 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 21 February 2022.

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Hot rolled steel sheet piles

1 Scope

This Japanese Industrial Standard specifies the requirements for hot rolled steel sheet piles (hereafter referred to as steel sheet piles) used for sheathing, coffering structural foundations and other similar applications.

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

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

3 Symbols of grade

The steel sheet piles shall be classified into two grades and the symbols shall be as given in Table 1.

Table 1 Symbols of grade

Symbol of grade
SY295
SY390

4 Chemical compositions

The steel sheet piles shall be tested in accordance with 8.1 and the heat analysis values shall be as given in Table 2.