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**Specification for through-thickness
characteristics of steel plate, wide flat
and sections**

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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 G 3199** : 2009), which has been technically revised.

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Specification for through-thickness characteristics of steel plate, wide flat and sections

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 7778** : 2014, Edition 2, with some modifications of the technical contents.

Annex JA is unique to **JIS** and not given in the corresponding International Standard. The dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

1 Scope

This Standard specifies the criteria to be satisfied by the steel plates, wide flats and sections (hereafter referred to as steel products) for which through-thickness reduction of area properties by tensile test is specified, as well as the test conditions by which conformance to the specified criteria is evaluated.

In addition to the requirements in the main body, the supplementary quality requirement given in Annex JA may be applied upon agreement between the purchaser and the manufacturer.

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

ISO 7778 : 2014 *Through-thickness characteristics for steel products* (MOD)

In addition, 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

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 0416 *Steel and steel products — Location and preparation of samples and test pieces for mechanical testing*

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