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**Classification of structural rolled steel  
plate and wide flat for building by  
ultrasonic test**

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In the event of any doubts arising as to the contents,  
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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 G 0901** : 2010), which has been technically revised.

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# Classification of structural rolled steel plate and wide flat for building by ultrasonic test

## Introduction

This Japanese Industrial Standard has been prepared based on ISO 17577 : 2016, Edition 2, with some modifications of the technical contents.

Annex JA and Annex JB are unique to JIS and not given in the corresponding International Standard. The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JC.

## 1 Scope

This Standard specifies the classification and acceptance criteria by ultrasonic test on rolled steel plates of thickness 13 mm or over up to and including 200 mm (hereafter referred to as rolled steel plates), and wide flats of thickness 13 mm or over up to and including 200 mm and width 180 mm or over (hereafter referred to as wide flats), which are used for main structural members of steel structures being subjected to remarkably strong stress in the thickness direction.

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

ISO 17577 : 2016 *Steel — Ultrasonic testing of steel flat products of thickness equal to or greater than 6 mm* (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 B 0601 *Geometrical Product Specifications (GPS) — Surface texture : Profile method — Terms, definitions and surface texture parameters*

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 0431 *Steel products — Employer's qualification system for non-destructive testing (NDT) personnel*

JIS G 3103 *Carbon steel and molybdenum alloy steel plates for boilers and pres-*