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**Glossary of terms used in iron and steel
(Heat treatment)**

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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 0201** : 2000), which has been technically revised.

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Glossary of terms used in iron and steel (Heat treatment)

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 4885** : 2018, Edition 3, with some modifications of the technical contents.

The contents of **ISO 4885** : 2018 are given in Annex JA for reference. 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 principal terms and their definitions related to the heat treatment of rolled, cast or forged steels.

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

ISO 4885 : 2018 *Ferrous materials — Heat treatments — Vocabulary*
(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

There are no normative references in this Standard.

3 Classification

The terms related to iron and steel (heat treatment) are classified as follows.

- a) Heat treatment in general
- b) Normalizing and annealing
- c) Quenching, tempering and ageing
- d) Surface hardening treatment and surface treatment

4 Terms and definitions

The terms and definitions are as follows.

NOTE An alphanumeric character in parentheses below the number in “No.” column indicates the subclause number of **JA.2**, which means the term is also listed in Annex JA (contents of **ISO 4885**).