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**Glossary of terms used in iron and steel
(Testing)**

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Mita Avanti, 3-11-28, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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Contents

	Page
1 Scope	1
2 Normative references	1
3 Classification	1
4 Terms and definitions	2
4.1 Test general	2
4.2 Mechanical tests	3
4.3 Metallographic tests	36
4.4 Corrosion tests	44
4.5 Nondestructive testing	53
4.6 Tests for electric and magnetic properties	64
Bibliography	67
Alphabetical index	71

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 0202** : 2013), which has been technically revised.

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Glossary of terms used in iron and steel (Testing)

1 Scope

This Japanese Industrial Standard specifies the terms and definitions mainly relating to the tests of rolled, casted or forged steels and their products.

2 Normative references

There are no normative references in this Standard.

3 Classification

The terms used in iron and steel (testing) are classified as follows.

- a) Test general
- b) Mechanical tests
 - 1) Tensile test
 - 2) Bend test
 - 3) Impact test
 - 4) Hardness test
 - 5) Formability test
 - 6) Brittle fracture test
 - 7) Fatigue test
 - 8) Creep test
 - 9) Stress relaxation test
 - 10) Other tests
- c) Metallographic tests
 - 1) Macrostructure and microstructure examination for steel
 - 2) Case hardened depth, hardenability test and decarburized depth test
 - 3) Other tests
- d) Corrosion tests
 - 1) General terms
 - 2) Weathering resistance test
 - 3) Terms concerning stainless steels
 - 4) Terms concerning plated/paint coated steel sheets
 - 5) Terms concerning tinplate