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**General rules for determination of oxygen  
in metallic materials**

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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 Society for Analytical Chemistry (JSAC)/Japanese Standards Association (JSA) 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 Z 2613** : 2006), which has been technically revised.

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## General rules for determination of oxygen in metallic materials

### 1 Scope

This Japanese Industrial Standard specifies common general matters concerning the methods for determination of oxygen in metallic materials.

A list of technically significant revisions from the previous edition with reasons is given in Annex A.

### 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 K 0050 *General rules for chemical analysis*
- JIS K 0113 *General rules for methods of potentiometric, amperometric, coulometric, and Karl Fischer titrations*
- JIS K 0117 *General rules for infrared spectrophotometric analysis*
- JIS K 0211 *Technical terms for analytical chemistry (General part)*
- JIS K 0212 *Technical terms for analytical chemistry (optical part)*
- JIS K 0213 *Technical terms for analytical chemistry (Electrochemistry part)*
- JIS K 0215 *Technical terms for analytical chemistry (Analytical instrument part)*
- JIS R 6010 *Coated abrasive grain sizes*
- JIS Z 8402-1 *Accuracy (trueness and precision) of measurement methods and results — Part 1 : General principles and definitions*
- JIS Z 8402-2 *Accuracy (trueness and precision) of measurement methods and results — Part 2 : Basic method for the determination of repeatability and reproducibility of a standard measurement method*
- JIS Z 8402-3 *Accuracy (trueness and precision) of measurement methods and results — Part 3 : Intermediate measures of the precision of a standard measurement method*
- JIS Z 8402-4 *Accuracy (trueness and precision) of measurement methods and results — Part 4 : Basic methods for the determination of the trueness of a standard measurement method*
- JIS Z 8402-5 *Accuracy (trueness and precision) of measurement methods and results — Part 5 : Alternative methods for the determination of the precision of a standard measurement method*