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JIS K 0225 : 2002
(CERI/JSA)

**Testing methods for determination
of trace components in diluent gas
and zero gas**

ICS 71.040.30; 71.040.40

Reference number : JIS K 0225 : 2002 (E)

Foreword

This translation has been made based on the original Japanese Industrial Standard 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 Chemicals Evaluation and Research Institute, Japan (CERI)/the Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS K 0225 : 1990** is replaced with this Standard.

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Technical Committee on Chemical Analysis

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Testing methods for determination of trace components in diluent gas and zero gas

1 Scope This Japanese Industrial Standard specifies testing methods for determination of trace components of nitrogen oxide, sulfur dioxide, carbon monoxide, carbon dioxide, methane, oxygen, and moisture in diluent gas to be used for manufacturing of standard gas and in zero gas to be employed for calibration of zero point of instrument.

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

- JIS B 7952 *Continuous analyzers for sulfur dioxide in ambient air*
- JIS B 7953 *Continuous analysers for oxides of nitrogen in ambient air*
- JIS C 1302 *Insulation resistance testers*
- JIS G 3459 *Stainless steel pipes*
- JIS K 0032 *Nitrite ion standard solution*
- JIS K 0050 *General rules for chemical analysis*
- JIS K 0055 *General rules for calibration method of gas analyzer*
- JIS K 0103 *Methods for determination of sulfur oxides in flue gas*
- JIS K 0114 *General rules for gas chromatographic analysis*
- JIS K 0115 *General rules for molecular absorptiometric analysis*
- JIS K 0151 *Non-dispersive infrared gas analyzer*
- JIS K 0211 *Technical terms for analytical chemistry (General part)*
- JIS K 0512 *Hydrogen*
- JIS K 0557 *Water used for industrial water and wastewater analysis*
- JIS K 1107 *High purity nitrogen*
- JIS K 8197 *N-1-Naphthylethylenediamine dihydrochloride*
- JIS K 8230 *Hydrogen peroxide*
- JIS K 8247 *Potassium permanganate*
- JIS K 8355 *Acetic acid*
- JIS K 8586 *Sulfanilic acid*
- JIS K 8951 *Sulfuric acid*
- JIS Z 8103 *Glossary of terms used in measurement*
- JIS Z 8401 *Guide to the rounding of numbers*