

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS K 0110 : 2018

(JEMCA/JSA)

**Methods for determination of
dinitrogen monoxide in flue gas**

ICS 13.040;71.040.40

Reference number : **JIS K 0110 : 2018 (E)**

K 0110 : 2018

Date of Establishment: 2018-03-20

Date of Public Notice in Official Gazette: 2018-03-20

Investigated by: Japanese Industrial Standards Committee
Standards Board for ISO area
Technical Committee on Chemical Products and
Analytical Methods

JIS K 0110:2018, First English edition published in 2019-01

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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Printed in Japan

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Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by The Japan Environmental Measurement and Chemical Analysis Association (JEMCA)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

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Methods for determination of dinitrogen monoxide in flue gas

Introduction

This Japanese Industrial Standard has been established to standardize methods for analysis of dinitrogen monoxide performed in laboratories equipped with necessary analytical devices.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies the methods for determination of dinitrogen monoxide in flue gas which results from combustion or chemical reaction, etc. and is exhausted through flue, chimney, duct, etc.

2 Normative references

The following standards contain provisions which, 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 7988 *Continuous analyzers for dinitrogen monoxide in flue gas*
- JIS K 0050 *General rules for chemical analysis*
- JIS K 0055 *General rules for calibration method of gas analyzer*
- JIS K 0095 *Methods for sampling of flue gas*
- JIS K 0114 *General rules for gas chromatography*
- JIS K 0123 *General rules for gas chromatography/mass spectrometry*
- JIS K 0211 *Technical terms for analytical chemistry (General part)*
- JIS K 0214 *Technical terms for analytical chemistry (Chromatography part)*
- JIS K 0215 *Technical terms for analytical chemistry (Analytical instrument part)*
- JIS K 0216 *Technical terms for analytical chemistry (Environmental part)*
- JIS K 1107 *Nitrogen*
- JIS K 8125 *Calcium chloride (for U-tube)*
- JIS K 8576 *Sodium hydroxide*
- JIS K 8603 *Soda lime (Reagent)*
- JIS M 8813 *Coal and coke—Determination of constituents*
- JIS R 3503 *Glass apparatus for chemical analysis*
- JIS Z 8401 *Guide to the rounding of numbers*
- JIS Z 8808 *Methods of measuring dust concentration in flue gas*