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**Methods for determination of
hydrogen sulfide in flue gas**

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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 Japan Society For Analytical Chemistry (JSAC)/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 0108:1983** is replaced with this Standard.

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Methods for determination of hydrogen sulfide in flue gas

1 Scope

This Japanese Industrial Standard specifies the methods for determination of hydrogen sulfide in flue gas which is generated by combustion or chemical reaction or the like, and exhausted into flue, chimney, duct, etc.

Warning: Persons performing analysis based on this Standard should be familiar with normal laboratory practice. This Standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent edition (including amendments) shall be applied.

JIS K 0050:2005 *General rules for chemical analysis*

JIS K 0095 *Methods for sampling of flue gas*

JIS K 0114 *General rules for gas chromatographic analysis*

JIS K 0115 *General rules for molecular absorptiometric analysis*

JIS K 0122 *General rules for ion selective electrode method*

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 0214 *Technical terms for analytical chemistry (Chromatography part)*

JIS K 0215 *Technical terms for analytical chemistry (Analytical instrument part)*

JIS K 0512 *Hydrogen*

JIS K 0557 *Water used for industrial water and wastewater analysis*

JIS K 1101 *Oxygen*

JIS K 1105 *Argon*

JIS K 1107 *Nitrogen*

JIS K 8005 *Reference materials for volumetric analysis*

JIS K 8107 *Disodium dihydrogen ethylenediamine tetraacetate dihydrate (Reagent)*

JIS K 8142 *Iron (III) chloride hexahydrate (Reagent)*

JIS K 8180 *Hydrochloric acid (Reagent)*