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Testing methods for volatile organic compounds in industrial water and waste water

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Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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

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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 in accordance with the Industrial Standardization Law.

Consequently **JIS K 0125**:1995 is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

Testing methods for volatile organic compounds in industrial water and waste water

1 Scope

This Japanese Industrial Standard specifies the testing methods for the following volatile organic compounds in industrial water and waste water : dichloromethane, dibromochloromethane, tetrachloromethane (carbon tetrachloride), trichloromethane (chloroform), tribromomethane (bromoform), bromodichloromethane, 1,2-dichloroethane, 1,1,1-trichloroethane, 1,1,2-trichloroethane, 1,1-dichloroethene (1,1-dichloroethylene), *cis*-1,2-dichloroethene (*cis*-1,2-dichloroethylene), *trans*-1,2-dichloroethene (*trans*-1,2-dichloroethylene), tetrachloroethene (tetrachloroethylene), trichloroethene (trichloroethylene), 1,2-dichloropropane, 1,3-dichloro-1-propene, 1,4-dichlorobenzene (*p*-dichlorobenzene), dimethylbenzene (xylene), benzene, methylbenzene (toluene), chloroethylene (vinyl chloride monomer), 1,4-dioxane and formaldehyde.

NOTE 1 A list of target substances for respective analytical methods specified in this Standard is given in Annex G.

NOTE 2 Compounds indicated above with the common names in attached parentheses are hereafter referred to by their common names.

1.1 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 K 0050 *General rules for chemical analysis*

JIS K 0094 *Sampling methods for industrial water and industrial wastewater*

JIS K 0101 *Testing methods for industrial water*

JIS K 0102 *Testing methods for industrial wastewater*

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 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 1107 *Nitrogen*

JIS K 8027 *Acetylacetone (Reagent)*

JIS K 8034 *Acetone (Reagent)*