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**Fine ceramics (advanced ceramics, advanced technical ceramics) —
Test method for antialgal activity of
semiconducting photocatalytic materials**

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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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Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Act.

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Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for antialgal activity of semiconducting photocatalytic materials

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 19635** : 2016, Edition 1, with some modifications of the technical contents.

In this Standard, clause and subclause numbers followed by a capital letter of Latin alphabet starting with “A” indicate that the clause or subclause includes items not given in the corresponding International Standard. The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies a test method for evaluating antialgal activities in outdoor structures, specifically flat photocatalytic materials (for example, exterior wall materials, tents, window panes and water tank glasses, films, guardrails, etc.) under irradiation of ultraviolet (UV) light. It does not include powder, granular or porous photocatalytic materials.

WARNING Persons carrying out tests based on this Standard should acquire microbiological techniques.

NOTE The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 19635 : 2016 *Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for antialgal activity of semiconducting photocatalytic materials* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

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 C 1609-1 *Illuminance meters Part 1 : General measuring instruments*

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

JIS K 0950 *Sterilized plastic petri dishes*