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Test method for colour fastness to perspiration

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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 Suga Weathering Technology Foundation (SWTF)/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 L 0848 : 1996** is replaced with this Standard.

This revision has been made based on **ISO 105-E04 : 1994 Textiles—Tests for colour fastness—Part E04 : Colour fastness to perspiration** for the purposes of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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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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Test method for colour fastness to perspiration

Introduction This Japanese Industrial Standard has been prepared based on the fourth edition of **ISO 105-E04 Textiles—Tests for colour fastness—Part E04 : Colour fastness to perspiration** published in 1994, without modification in technical contents, except additionally including the items (assessment by instrumental method) not stated in the corresponding International Standard.

The portions in this Standard given dotted underlines are the matters in which the contents of the original International Standard have been modified. A list of modification with the explanation is given in annex (informative).

1 Scope This Standard specifies a method for determining the resistance of the colour of the dyed textiles to the action of human perspiration.

Remarks : The International Standard corresponding to this Standard is as follows.

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**.

ISO 105-E04 : 1994 *Textiles—Tests for colour fastness—Part E04 : Colour fastness to perspiration* (MOD)

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 G 4303 *Stainless steel bars*

JIS L 0801 *General principles of test methods for colour fastness*

JIS L 0803 *Standard adjacent fabrics for staining of colour fastness test*

JIS L 0804 *Grey scale for assessing change in colour*

JIS L 0805 *Grey scale for assessing staining*

3 Summary In this test, the composite specimens are treated in artificial perspiration based on the specified method, then treated under pressure using a perspiration tester, and dried, and the change in colour of each specimen and the staining of the standard adjacent fabric are assessed by comparing with the grey scale for assessing change in colour and for assessing staining or by obtaining the rating of change in colour and staining using the instrument and determining the colour fastness.

4 Apparatus and materials For the apparatus and materials, the following shall be used.