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**Test methods for fastness to artificial
accelerated weathering with xenon arc
lamp light or sunshine carbon arc lamp
light**

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal of establishing a Japanese Industrial Standard from Suga Weathering Technology Foundation (SWTF)/Japanese Standards Association (JSA), with a draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

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Test methods for fastness to artificial accelerated weathering with xenon arc lamp light or sunshine carbon arc lamp light

Introduction

This Japanese Industrial Standard is intended to specify the test method of determining the fastness to artificial accelerated weathering under water spray cycle condition for textiles. This has been recognized as a test method effective in quality control of textile products in Japan.

1 Scope

This Standard Specifies the test method for fastness to artificial accelerated weathering (hereafter referred to as "weather fastness") by exposure to a xenon arc lamp light or a sunshine carbon arc lamp light under water spray cycle condition of textiles.

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 G 4305 *Cold-rolled stainless steel plate, sheet and strip*

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

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

JIS L 0809 *Instrumental determination of colour fastness—Change in colour and staining*

JIS L 0841 *Test methods for colour fastness to daylight*

JIS L 0886 *Test methods for the detection and assessment of photochromism*

JIS L 1096 *Testing methods for woven fabrics*

JIS Z 8701 *Colour specification—The CIE 1931 standard colorimetric system and the CIE 1964 supplementary standard colorimetric system*

JIS Z 8730 *Colour specification—Colour differences of object colours*

CIE Pub. No. 85:1989 *Solar Spectral irradiance*

3 Terms and definitions

For the purposes of this Standard, the following terms and definitions apply.

3.1 fastness to artificial accelerated weathering

weather fastness of materials exposed to the artificial light source under a water