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**Test methods for colour fastness to
enclosed carbon arc lamp light**

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Foreword

This Japanese Industrial Standard has been 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 a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS L 0842** : 2004), which has been technically revised.

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Test methods for colour fastness to enclosed carbon arc lamp light

Introduction

The test methods in this Standard, for which no corresponding International Standard exists at this point, have been well established in Japan for their effectiveness in controlling the quality of textile products. This revision has been initiated to make necessary changes in the provisions regarding the apparatus and materials, preparation of specimens, test procedure, assessment method and test report, as well as to conform the layout of this document to the rules laid down in **JIS Z 8301**.

1 Scope

This Standard specifies the test methods for assessing the colour fastness of dyed textiles to enclosed carbon arc lamp light.

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 B 7751 *Light-exposure and light-and-water-exposure apparatus (Enclosed carbon-arc type)*

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

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

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

ISO 105-B05 *Textiles — Tests for colour fastness — Part B05 : Detection and assessment of photochromism*

NOTE **JIS L 0886**, which corresponds to the above **ISO** Standard, is not cited for reasons of technical deviation.

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions, and those given in **JIS L 0801** apply.

3.1

standard fading

change in colour where the colour contrast between the exposed and unexposed portions is approximately equal to the colour contrast of Grey scale No. 4 for assessing change in colour