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**Textiles—Anti-mosquito performance
test method—Part 1: Test method
for the attractive blood-feeding
apparatus**

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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 Law.

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- Name: KAKEN TEST CENTER General Incorporated Foundation
- Address: 4-1-22, Muromachi, Nihonbashi, Chuo-ku, Tokyo
- Type of industrial property right: Patent number 6200126
- Registration date: September 1, 2017
- Designation: Insecticidal test apparatus and insecticidal test methods

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JIS L 1950 series consists of the following 2 parts under the general title “*Textiles—Anti-mosquito performance test method*”:

Part 1: Test method for the attractive blood-feeding apparatus

Part 2: Contact test method

Textiles—Anti-mosquito performance test method—Part 1: Test method for the attractive blood-feeding apparatus

Introduction

Nowadays, concerns are rising over an epidemic of infectious diseases carried by mosquitoes and other insects. Given this situation, consumers demands for textiles having anti-mosquito performance as an enhanced functionality are on an increasing trend. However, due to the absence of official evaluation methods for the performance of textiles finished with anti-mosquito functionality, providing unbiased technical information about the performance is difficult in the present situation. Therefore, test methods have been specified for objective evaluation of the anti-mosquito performance.

For materials of textiles used for e.g. clothing through which blood is expected to be sucked, Part 1 specifies a test method for the attractive blood-feeding apparatus in which a human or animal is not used as a blood-feeding source. For materials of e.g. a mosquito net, curtain and tent which are used for separating the activity area of mosquitoes from human habitation area by killing or knocking down mosquitoes, Part 2 specifies the contact test method.

1 Scope

This Japanese Industrial Standard specifies a test method for anti-mosquito performance of textiles. This Standard is applicable to textiles used for e.g. clothing through which mosquitoes are expected to suck blood.

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 L 0105 *General principles of physical testing methods for textiles*

JIS L 0207 *Glossary of terms used in textile industry (Dyeing and finishing)*

JIS L 0208 *Glossary of terms used in textile industry—Testing*

JIS Z 8401 *Guide to the rounding of numbers*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS L 0207** and **JIS L 0208**, and the following apply.

3.1

normal insect

test mosquito which acts normally in the same manner as it did before the start of a test