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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 18044-2008

Replacing GB/T 18044-2000

**Carpets -- Assessment of static electrical propensity -- Walking
test**

地毯 静电习性评价法 行走试验

(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 5 Device
- 5.1 Grounded metal plate

Foreword

This standard is equivalent to international standards ISO 6356:2000 "textile floor coverings - Assessment of static electrical propensity - Walking test." the standard on the technical content of ISO 6356:2000 are identical, only made a small editorial changes as follows.

--- Press Our carpet series standard naming convention, change the standard name, with "carpet" instead of "textile floor coverings";

--- "This International Standard" be replaced by "this standard";

--- With a decimal point instead of a comma as the decimal point, ",";

--- Remove the preface of international standards, increase the standard of this preface.

This standard replaces GB/T 18044-2000 "carpet-static performance evaluation Analogue walking test methods." the main difference compared with the standard GB/T 18044-2000 as follows.

--- By the simulation method to the direct use of human walking method;

--- Former method costs less time, while consuming and human walking on very stringent test conditions control.

The Standard Appendix A, Appendix B, Appendix C, Appendix D and Appendix E are normative appendix.

The standard proposed by China National Light Industry Council.

This standard by the National Standardization Technical Committee carpet.

1 Scope

This standard specifies the conditions under the supervision of the various types of carpet electrostatic method of evaluating habits. Because of the potential generated with the wet

Degree, sole material, travel blanket and walking people walking in different ways and change, the results of this study do not necessarily reflect the results to Situation blanket laying the scene, but it does provide controls and compare the performance of different types of carpet surface.

In the case of the need for classification or disputed, as specified in this standard measurement procedure can be regulated by the relevant grading standards Given control conditions or under controversial conditions mutually agreed control measure. There may be no need to be measured under controlled conditions Amount, for example, in laying of floor coverings field measurements. Adopting the standards set forth in the equipment used to measure the principle can Wearing shoes under the standard measurement, use of the site or wearing shoes under the relevant measure.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 6031-1998 vulcanized rubber or thermoplastic rubber hardness measurement (idt ISO 48:1994) ISO 1957 Textile floor coverings mechanism for intercepting physical testing of sampling and sample ISO 2424 Textile floor coverings Glossary ISO 9407:1991 shoe size to determine the size and sign Mondopoint system Determination of volume resistivity and surface resistivity GB/T 1410 solid insulating material (GB/T 1410-2006, IEC 60093. 1980, IDT) Standard Test Method for wear-resistant rubber compound 1959. ASTM D394

3 Terms and Definitions

ISO 2424 to determine the terms and definitions apply to this standard.

Principle 4

When a person.

Carpet a) on the subject;

b) wearing the standards required by the shoe;

c) in accordance with the way of walking;

d) is monitored under atmospheric conditions;

When walking, with respect to the earth potential (0 potential) difference at this time is generated is measured, and in order to evaluate the use of people in this process of carpet will produce shock due to static charge caused discomfort risk.

5.1 Grounded metal plate

Size of at least 2000mm x 1000mm.

Warning. Use a metal plate on the ground floor or the entire floor is a metal plate in the lab, once access to the power Power lines would constitute disasters. It is recommended to protect against ground fault circuit interrupter devices are equipped with all of the power applied.

GB/T 18044-2008/ISO 6356:2000