

BUREAU OF INDIAN STANDARDS

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मसौदा भारतीय मानक

पहनने योग्य विद्युत उपकरण एवं प्रौद्योगिकियां –

भाग 204: इलेक्ट्रॉनिक टेक्सटाइल –

**अनुभाग 1: ई-टेक्सटाइल उत्पादों की धुलाई स्थायित्व मूल्यांकन
की परीक्षण विधि।**

Draft Indian Standard

Wearable electronic devices and technologies –

Part 204 Electronic textile –

***Section 1: Test method for assessing washing durability of
E-textile products***

ICS 59.080.80; 59.080.01

NATIONAL FOREWORD

(Formal clauses to be added later)

This Draft Indian Standard (Part 204/Section 1) which is identical with IEC 63203-204-1: 2023 ‘Wearable electronic devices and technologies –Part 204-1: Electronic textile – Test method for assessing washing durability of e-textile products’ issue by the Electrotechnical Commission (IEC) *will be* adopted by the Bureau of Indian Standards on the recommendation of Wearable Electronic Devices and Technologies Sectional Committee LITD 33 and approval of the Electronics and Information Technology Division Council.

The text of IEC Standard may be approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appears referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current Practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their places, are listed below along with their degree of equivalence for editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 6330:2012, Textiles – Domestic washing and drying procedures for textile testing	IS 15370 : 2020 ISO 6330 : 2012 Textiles – Domestic washing and drying procedures for textiles testing (first revision)	Identical under dual numbering

The technical committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard. For undated references, the latest edition of the referenced document applies, including any corrigenda and amendment

<i>International Standards</i>	<i>Title</i>
ISO 139	Textiles – Standard atmospheres for conditioning and testing

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2:2022 'Rules for rounding off numerical values (Second Revision)'. The number of significant places retained in the rounded off value should be same as that of the specified value in this standard

SCOPE of IEC 63203-204-1:

This document specifies a household washing durability test method for e-textile products. This document includes testing procedures for e-textile products with electrically conductive Components and sensors to collect the data of the user.

This document does not cover safety or heat-generation test methods. Products containing components other than those listed in this clause are not covered by this document.

Note: The Technical content of this document has not been enclosed as these are identical with the corresponding IEC Standard. For details please refer IEC 63203-204-1: 2023 or kindly contact.

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