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Draft Indian Standard

**Determination of certain substances in electrotechnical products –
Part 10: Polycyclic aromatic hydrocarbons (PAHs) in polymers and electronics
by gas chromatography-mass spectrometry (GC-MS)**

Standardization of Environmental Aspects of Electrical
and Electronics Products Sectional Committee, ETD 43

Last date of receipt of comments:
24 March 2024

NATIONAL FOREWORD

This draft Indian Standard which is identical with IEC 62321-10 “Determination of certain substances in electrotechnical products – Part 10: Polycyclic aromatic hydrocarbons (PAHs) in polymers and electronics by gas chromatography-mass spectrometry (GC-MS)” issued by the International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards on the recommendation of the Standardization of Environmental Aspects of Electrical and Electronics Products Sectional Committee.

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

- a) Wherever the words ‘International Standard’ appear 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 standard, reference appears to International Standards for which Indian Standards also exists. The corresponding Indian Standards, which are to be substituted, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
IEC 62321-1, Determination of certain substances in electrotechnical products – Part 1: Introduction and overview	IS 16197 (Part 1) : 2014, Determination of certain substances in electrotechnical products: Part 1 introduction and overview	Identical with IEC 62321-1 : 2013

IEC 62321-2, Determination of certain substances in electrotechnical products – Part 2: Disassembly, disjointment and mechanical sample preparation	IS 16197 (Part 2) : 2014, Determination of certain substances in electrotechnical products: Part 2 disassembly, disjointment and mechanical sample preparation	Identical with IEC 62321-2 : 2013
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The technical committee has reviewed the provisions of the following international standards referred in this adopted standard and decided that they are acceptable for use in conjunction with this standard.

<i>International Standard</i>	<i>Title</i>
<i>ISO 3696</i>	<i>Water for analytical laboratory use – Specification and test methods</i>

Only the English language text has been retained while adopting it in this Indian Standard, and as such, the page numbers given here are not the same as in the IEC Publication.

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 of numerical values (Second Revision)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Note: The technical content of the document is not available on website. For details, please refer the corresponding IEC 62321-10: 2020 or kindly contact:

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