



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : ETD 19/T-16

Date : 23 October 2023

**TECHNICAL COMMITTEE : High Voltage Engineering, ETD 19**

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the High Voltage Engineering Sectional Committee, ETD 19. Please [click here](#) to view the document.

**Document Number : ETD 19 (23935) WC**

**Title of the document : INSULATION COORDINATION FOR EQUIPMENT WITHIN LOW-VOLTAGE SYSTEMS Part 3: Use of Coating Potting or Molding for Protection against Pollution Second Revision**

**Document Type : Revision of Indian Standard (IS 15382 : Part 3 : 2019)**

*This document has following salient features which may require specific attention for your valuable comments:*

*This standard applies to assemblies protected against pollution by the use of coating, potting or moulding, thus allowing a reduction of clearance and creepage distances as described in IS/IEC 60664-1. This document describes the requirements and test procedures for two methods of protection: – Type 1 protection improves the microenvironment of the parts under the protection; Type 2 protection is considered to be similar to solid insulation. This document also applies to all kinds of protected printed boards, including the surface of inner layers of multi-layer boards, substrates and similarly protected assemblies. In the case of multi-layer printed boards, the distances through an inner layer are covered by the requirements for solid insulation in IS/IEC 60664-1.*

Please examine the document and share your comments regarding further improvement in the document.

**Last date for sharing the comments is : 22 December 2023**

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at eetd@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

**Yours faithfully,  
(UNNIKRISHNAN A R)  
Head (Electrotechnical Department)  
Email: eetd@bis.gov.in**



## व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : ETD 19/T-16

दिनांक : 23-10-2023

**तकनीकी समिति : High Voltage Engineering Sectional Committee, ETD 19**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : ETD 19 (23935) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

**सम्मतियाँ भेजने की अंतिम तिथि : 22 December 2023**

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट [www.bis.gov.in](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय/भवदिया,  
विभाग प्रमुख का नाम : UNNIKRISHNAN A R  
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