



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 : LITD04/T-26259

Date : 30 July 2024

TECHNICAL COMMITTEE : Electronic Display Devices and systems, LITD 04

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Electronic Display Devices and systems Sectional Committee, LITD 04. Please [click here](#) to view the document.

Document Number : LITD 04 (26259) WC

Title of the document : Methods of Measurement of Colour Television Picture Tubes First Revision

Document Type : Revision of Indian Standard (IS 10503 : 1983)

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

- 1) IEC 60151-28:1978 specifies the procedures and methods for measuring the electrical properties of color television picture tubes (CRT). The standard is intended to ensure that measurements are conducted in a consistent and accurate manner, allowing for reliable assessment of CRT performance and quality. Key aspects covered under this scope include:*
- 2) Test Conditions: Guidelines on the conditions under which measurements should be performed, including environmental factors (e.g., temperature and humidity) and operational states of the CRT (e.g., stabilized or operating).*
- 3) Calibration Requirements: Instructions for calibrating measurement equipment to ensure accuracy in the recorded data. This includes the calibration of voltmeters, oscilloscopes, and other relevant instruments.*
- 4) Safety Protocols: Safety guidelines for handling high-voltage components of the CRT and conducting measurements to prevent electrical hazards and ensure operator safety.*
- 5) Data Interpretation: Guidance on how to interpret measurement results in the context of the CRT's overall*

performance, image quality, and reliability.

6) Documentation and Reporting: Requirements for recording and reporting measurement data, which is crucial for quality control, troubleshooting, and ensuring adherence to performance standards.

7) Quality Assurance: Procedures for using measurement data to evaluate and control the quality of color television picture tubes, ensuring that they meet specified performance criteria.

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

Last date for sharing the comments is : 28 September 2024

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 litd@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,
(REENA GARG)
Head (Electronics and Information Technology Department)
Email: litd@bis.gov.in**



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : LITD04/T-26259

दिनांक : 30-07-2024

तकनीकी समिति : Electronic Display Devices and systems Sectional Committee, LITD 04

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : LITD 04 (26259) 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 : 28 September 2024

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 पर भी उपलब्ध है/हैं।

धन्यवाद।

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