



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 : FAD 17/T

Date : 19 December 2024

TECHNICAL COMMITTEE : Farm Irrigation And Drainage Systems, FAD 17

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Farm Irrigation And Drainage Systems Sectional Committee, FAD 17. Please [click here](#) to view the document.

Document Number : FAD 17 (24278) WC

Title of the document : IRRIGATION TECHNIQUES LOCALISED AND REMOTE MONITORING AND CONTROL SYSTEM FOR IRRIGATION TESTS

Document Type : New Indian Standard

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

- 1) Monitoring and Control System for Irrigation is a technology-driven solution designed to enhance the efficiency and management of irrigation processes in agriculture. The system typically involves the integration of sensors, communication devices, and control mechanisms to enable localised as well as remote monitoring and control of irrigation systems. By optimizing irrigation schedules based on real-time data, these systems help in reducing water wastage and promote efficient water use.*
- 2) This document specifies the tests required to ensure the functionalities for the automated and/or remotely operated irrigation system. This document concerns the local control unit / remote unit of irrigation control systems.*
- 3) This Indian Standard is a modified adoption of ISO 21622-2 : 2023 'Irrigation techniques — Remote monitoring and control for irrigation — Part 2: Tests' issued by the International Organization for Standardization (ISO), however, the structure of ISO 21622-2 : 2023 has been retained.*
- 4) The standard has been modified to align with national practices and meet the specific needs of the micro-irrigation industry, aiming to increase its acceptance within the country. The technical modifications include: a) Definition of local control unit has been added. b) Considering that local control and monitoring units are commonly used in micro-irrigation systems in India, the term 'remote unit' in the ISO standard has been substituted with 'local control unit/remote unit'.*

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

Last date for sharing the comments is : 19 February 2025

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 fad@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,
(SUNEETI TOTEJA)
Head (Food and Agriculture Department)
Email: fad@bis.gov.in**



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : FAD 17/T

दिनांक : 19-12-2024

तकनीकी समिति : Farm Irrigation And Drainage Systems Sectional Committee, FAD 17

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : FAD 17 (24278) 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 : 19 February 2025

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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