



DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : MED 07/T-208

Date : 08 March 2024

TECHNICAL COMMITTEE : Earth Moving Equipment and Material Handling, MED 07

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Earth Moving Equipment and Material Handling Sectional Committee, MED 07. Please [click here](#) to view the document.

Document Number : MED 07 (23269) WC

Title of the document : EARTH-MOVING MACHINERY FUNCTIONAL SAFETY PART 4: DESIGN AND EVALUATION OF SOFTWARE AND DATA TRANSMISSION FOR SAFETY-RELATED PARTS OF THE CONTROL SYSTEM

Document Type : New Indian Standard

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

1) This document specifies general principles for software development and signal transmission requirements of safety-related parts of machine-control systems (MCS) in earth-moving machinery (EMM) and its equipment, as defined in ISO 6165. In addition, this document addresses the significant hazards as defined in ISO 12100 related to the software embedded within the machine control system. The significant hazards being addressed are the incorrect machine control system output responses from machine control system inputs.

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

Last date for sharing the comments is : 09 April 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

med@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,
(ITS ADMIN)
Head (Mechanical Engineering Department)
Email: med@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : MED 07/T-208

दिनांक : 08 March 2024

तकनीकी समिति : Earth Moving Equipment and Material Handling Sectional Committee, MED 07

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : MED 07 (23269) 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 : 09 April 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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(Mechanical Engineering Department)
ई-मेल : med@bis.gov.in