



DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : MED-40/T-45

Date : 06 March 2024

TECHNICAL COMMITTEE : Safety of Machinery, MED 40

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Safety of Machinery Sectional Committee, MED 40. Please [click here](#) to view the document.

Document Number : MED 40 (24388) WC

Title of the document : Safety of machinery Relationship with ISO 12100 Part 5: Implications of artificial intelligence machine learning

Document Type : New Indian Standard

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

1) This document addresses how artificial intelligence machine learning can impact the safety of machinery and machinery systems. This document describes how hazards being associated with artificial intelligence (AI) applications machine learning in machinery or machinery systems, and designed to act within specific limits, can be considered in the risk assessment process. This document is not applicable to machinery or machinery systems with AI applications machine learning designed to act beyond specified limits that can result in unpredictable effects. This document does not address safety systems with AI, for example, safety-related sensors and other safety-related parts of control systems.

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

Last date for sharing the comments is : 05 May 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,
(RAJNEESH KHOSLA)
Head (Mechanical Engineering Department)
Email: med@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : MED-40/T-45

दिनांक : 06-03-2024

तकनीकी समिति : Safety of Machinery Sectional Committee, MED 40

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : MED 40 (24388) 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 : 05 May 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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