



भारतीय मानक ब्यूरो

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

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## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : CED 48/T-52

Date : 04 February 2025

TECHNICAL COMMITTEE : Rock Mechanics, CED 48

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Rock Mechanics Sectional Committee, CED 48. Please [click here](#) to view the document.

**Document Number : CED 48 (26957) WC**

**Title of the document : Numerical Modelling in Rock Engineering - Guidelines**

**Document Type : New Indian Standard**

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

1) Numerical modelling and analysis are being used for the designs in almost all the infrastructure projects in rock masses. Various tools/codes for the numerical analysis are available and are being used for the design purposes. This code presents the guidelines for the use of numerical modelling & analysis in rock engineering and highlight important points, which shall be covered at every stage of numerical modelling and analysis. It is also highlighted to give the justification at every stage/steps. Limitations of the numerical modelling shall also be clearly brought in the report. These guidelines also highlight the need of carrying out the numerical modelling and analysis during the construction stage of the project for the back-analysis.

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

**Last date for sharing the comments is : 06 March 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 [ced@bis.gov.in](mailto:ced@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,**  
**(DWAIPAYAN BHADRA)**  
**Head (Civil Engineering Department)**  
**Email: [ced@bis.gov.in](mailto:ced@bis.gov.in)**



**व्यापक परिचालन में मसौदा(दे)**

हमारा सन्दर्भ : CED 48/T-52

दिनांक : 04-02-2025

**तकनीकी समिति : Rock Mechanics Sectional Committee, CED 48**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : CED 48 (26957) 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 : 06 March 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](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

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