



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 : CED 43/T-7

Date : 25 October 2022

TECHNICAL COMMITTEE : Soil And Foundation Engineering, CED 43

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Soil And Foundation Engineering Sectional Committee, CED 43. Please [click here](#) to view the document.

Document Number : CED 43 (21115) WC

Title of the document : Standard Penetration Test of Soil Method of Test

Document Type : Revision of Indian Standard (IS 2131 : 1981)

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

- 1) It specifies a standard procedure for execution and reporting of the standard penetration test of soil.*
- 2) The standard penetration test (SPT) aims to determine the resistance of soils at the base of a borehole to the dynamic penetration of a split spoon sampler and the recovering of disturbed samples for identification purposes. The basis of the test consists of driving a split spoon sampler by dropping a hammer of 63.5 kg mass on to an anvil or drive head from a height of 750 mm. The number of blows (N) necessary to achieve 300 mm penetration of the sampler (after a seating penetration of 150 mm including self penetration under gravity) is the penetration resistance.*
- 3) SPT is used mainly to assess the strength and deformation parameters of cohesionless soils, but some valuable data may also be obtained in other soil types.*

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

Last date for sharing the comments is : 25 November 2022

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 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,
(S ARUN KUMAR)
Head (Civil Engineering Department)
Email: ced@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : CED 43/T-7

दिनांक : 25-10-2022

तकनीकी समिति : Soil And Foundation Engineering Sectional Committee, CED 43

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : CED 43 (21115) 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 : 25 November 2022

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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