



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)

मानक भवन, 9 बहादुरशाह जफर मार्ग नई, दिल्ली-110002

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi-110002

Phones: 23230131 / 23233375 / 23239402

Website: www.bis.org.in, www.bis.gov.in

## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : CED 43/T-63

Date : 27 August 2024

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 (26426) WC**

**Title of the document : Design and Construction of Machine Foundations Code of Practice : Part 3 Frame Foundations First Revision**

**Document Type : Revision of Indian Standard (IS 2974 : Part 3 : 1992)**

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

- 1) The various parts of the code have been restructured and the parts are now divided foundation-wise rather than machine-wise, except the part covering foundations for impact and impulsive load machines, that is, hammers and presses, where the foundation has to be necessarily machine-wise.*
- 2) This standard (Part 3) deals with specific provisions relating to design and construction of Frame Foundations, (both Reinforced Cement Concrete (RCC) Foundations and Structural Steel Foundations), for the installation of rotary and reciprocating machines, such as turbo-generators, turbo-compressor, boiler feed pumps, crushers, and reciprocating compressors.*
- 3) Structural Steel Frame Foundation has been added for the first time with no feedback experience from operation of such foundations for land-based units. The design procedures are developed in the present code based on the feedback experience of operations of such machine in marine environment.*

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

**Last date for sharing the comments is : 27 September 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 [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 43/T-63

दिनांक : 27-08-2024

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 (26426) 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 : 27 September 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](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय/भवदिया,  
विभाग प्रमुख का नाम : DWAIPAYAN BHADRA  
(Civil Engineering Department)  
ई-मेल : [ced@bis.gov.in](mailto:ced@bis.gov.in)