



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 : CED39/T-10

Date : 26 April 2023

TECHNICAL COMMITTEE : Earthquake Engineering Sectional Committee, CED 39

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Earthquake Engineering Sectional Committee, CED 39. Please [click here](#) to view the document.

Document Number : CED 39 (22343) WC

Title of the document : Criteria for earthquake resistant design of structures Part 1 General Provisions

Document Type : Revision of Indian Standard [IS 1893 (Part 1): 2016]

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

- 1) This standard primarily deals with design earthquake hazard and criteria for earthquake-resistant design of all structures. Design earthquake hazard and criteria for earthquake-resistant design of buildings and other structures are dealt separately within IS 1893 (Parts 2 to 11). All structures, like parking structures, security cabins and ancillary structures need to be designed for appropriate earthquake effects as per this standard. Temporary structures and elements, such as scaffolding and temporary shoring for excavations, need to be designed as per this standard.*
- 2) The provisions of this standard are applicable even to critical and special structures, like nuclear power plants, petroleum refinery plants and large dams. For such structures, additional requirements may be imposed by the associated statutory authorities in India. In such cases, the requirements specified by this standard shall be taken as at least the minimum that should be met with.*
- 3) This standard also provides requirements for at least the minimum forces and displacements to be considered in the design and construction of the connections of the Architectural Elements and Utilities (AEUs) to the buildings and*

structures in which they are housed, to resist effects of design earthquake ground shaking. The provisions of this standard shall be applicable for planning, design and construction of AEUs in new buildings & structures, and assessment and retrofitting of AEUs in existing buildings & structures.

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

Last date for sharing the comments is : 25 June 2023

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 ced39@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 : CED39/T-10

दिनांक : 26-04-2023

तकनीकी समिति : Earthquake Engineering Sectional Committee, CED 39

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : CED 39 (22343) 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 June 2023

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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