



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 39/T-33

Date : 15 October 2024

TECHNICAL COMMITTEE : Earthquake Engineering, 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 (26741) WC

Title of the document : Earthquake Safety Assessment and Retrofitting of Structures Part 1 General Provisions Second Revision of IS 13935

Document Type : Revision of Indian Standard (IS 13935 : 2009)

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

- 1) The stock of housing in India alone is over 32 crores, and the stock of the other structures is of a comparable number. A significant share of this stock is in landmass that is likely to sustain moderate to severe earthquake ground shaking. Much of this existing stock of structures in India is unregulated construction, owing to absence of necessary techno-legal process to examine the structural safety of the built environment at the municipal offices across the country. Past earthquakes in India show that large losses of life is attributed primarily due to the collapse of structures. To prevent this, it is essential to assess and retrofit structures before the impending earthquakes. When doing so, efforts should be made to reduce the carbon footprint (say by 70 percent) as a step towards sustainable development.*
- 2) The provisions of this standard are applicable for: a) Assessing the earthquake behaviour of existing structures that are not damaged during earthquake and new structures that are being designed as per the relevant national standards. b) Retrofitting of structures that are found to be deficient against design earthquake effects.*

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

Last date for sharing the comments is : 30 November 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 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**



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : CED 39/T-33

दिनांक : 15-10-2024

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 (26741) 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 : 30 November 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।

भवदीय/भवदिया,
विभाग प्रमुख का नाम : DWaipayan Bhadra
(Civil Engineering Department)
ई-मेल : ced@bis.gov.in