

ISSE

INDIAN SOCIETY OF STRUCTURAL ENGINEERS



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PRESIDENT : Shantilal Jain, SECRETARY : Hemant Vadalkar TREASURER : M. M. Nandgaonkar,

Ref: ISSE/ comments on draft IS13920 part 1and 2/ 511
Date: 31 July 2024

To,
Bureau of Indian Standard
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG, NEW DELHI 110002
Email : ced39@bis.gov.in

Subject: ISSE comments on Draft IS13920 Part1 and Part 2

Doc. No.: CED 39(25407) WC

BIS Letter Ref: CED 39/T-8

Title: Draft Indian Standard Earthquake Resistant Design and Detailing of Structures —
Code of Practice

Part 1 General Provisions (Second Revision of IS 13920) ICS 91.120.25
PART 2 BUILDINGS

Last date of comments: 03 August 2024

Name of the Commentator/ Organization: Indian Society of Structural Engineers.

Kind Attn: Chairman Sectional committee CED 39

Sir,

Indian Society of Structural Engineers (ISSE) is a premier association of Professional Structural Engineers with its Head Quarters at Mumbai looking after the development of the profession to the benefits of Indian society with the focus on construction industry in particular. We assist Government, Self Government, Municipal Corporations and other Corporate bodies in framing their policies for sound and stable structures in their built assets.

We publish a technical journal for free circulation amongst members and complementary to heads of industries. We have more than 3000+ structural engineers as our members.

We would like to express our views on behalf of our practicing structural engineer members. We are attaching our comments in the desired format.

Our general observations are as follows –

1. **Need to educate Architects, planners and approving authorities:** We would like to inform you that we do not have any control over the building configuration or plan passing process in the corporations. We have to work on the plan prepared by Architects based on the plot size, client's requirements and as per local municipal bye-laws. Authorities want structural stability certificate from the structural designer stating that our design is complying with relevant IS codes. We feel that more efforts will be required to educate architects and planning authorities for better code compliance in the planning stage itself.
2. We feel that the code should be as simple as possible and the practicing engineers should be able to understand and implement it. Otherwise, the compliance rate will be very low.
3. We humbly request you come out with code commentary (which will be useful to understand the intent of code) and a handbook with illustrative examples of simple and complex actual building with step by step calculations as per code guideline. This will be very useful for practicing engineers who wish to implement the code.
4. We strongly feel that practicing structural engineers / associations should be taken into confidence before finalizing the draft considering practical difficulties faced in design and execution by the professionals. This will improve code compliance level in our country.

We hope you will consider our suggestions.

Thanking you.

Yours faithfully,
President ISSE



Shantilal Jain



Secretary



Hemant S Vadalkar