

BUREAU OF INDIAN STANDARDS**AGENDA**

Concrete Sub-committee, CED 2:2 : Thirty-Second Meeting

Monday, 03 July 2023 : 14:30 h onwards

Venue: Virtual Meeting

CONVENER (CED 2:2) : Shri Jose Kurian

MEMBER SECRETARY : Shri Jitendra Kumar Chaudhary

ITEM 0 OPENING REMARKS OF CHAIRMAN**ITEM 1 PROGRAMME OF WORK**

2.1 The present Programme of Work under the CED 2 Sectional Committee along with its scope is given at **Annex 1**.

The Committee may **NOTE** and **ADVISE**.

ITEM 3 COMPOSITION OF THE SUBCOMMITTEE AND ITS PANELS

3.1 The present composition of the concrete subcommittee, CED 2:2 is attached at **Annex 2**.

3.2 The composition of the Panels working under the CED 2:2 Sub-committee are given as per the following details:

<i>Panel</i>	<i>Reference to Composition</i>
a) Panel for Review/Revision of IS 3370, CED 2:2/P1	Annex 3
b) Panel for IS 456 and IS 1343, CED 2:2/P5	Annex 4
e) Panel for Revision of IS 457, CED 2:2/P6	Annex 5
f) Panel for Revision of Indian Standards on Test Methods for Concrete, CED 2:2/P7	Annex 6
g) Panel for Aggregates from Natural and other Sources, CED 2:2/P8	Annex 7

h) Panel for Ferrocement Construction,
CED 2:2/P9

Annex 8

i) Panel for Revision for IS 2386,
CED 2:2/P10

Annex 9

The Committee may **NOTE**.

3.4 The following Working Groups exist under CED 2:2 , Subcommittees and Panels:

Revision of IS 4926, **CED 2:2/WG1**

Revision of IS 9103, **CED 2:2/WG2**

Revision of IS 10262, **CED 2:2/WG3**

Revision of IS 456:2000, **WG2, WG3 & WG4 under CED 2:2/P5**

Anchor fastenings, **CED 2:2/WG4**

The Committee may **NOTE**.

The Committee may consider and review the composition in view of the following:

A – Balance in Composition, Effective Nominations, and Involvement of New Talent and Young Professionals

The composition of committees shall be reviewed by the appointing authority annually, with a view to making such changes as may be considered necessary in order to make the committee more effective and fully representative of the interests concerned. Review shall consider the contribution of existing members, any request for representation received from others interested, need for additional representations, members who need to be dropped, etc. Members not participating in meetings and also otherwise not contributing by commenting on documents, are liable to be dropped in order to provide opportunity to other similar organizations/institutes that may be interested to participate and contribute to the standardization efforts.

In the case of members from Government or regulatory bodies or organizations which are unique and need to be represented on the committee, their continuation in the committees may be considered despite lack of participation/contribution in order to maintain the right stakeholder balance in the committees and in interest of keeping them informed of all the developments.

In order to keep committees to a workable size, the strength of the Sectional Committee should normally be restricted to around 30.

As far as possible, non-industry representation should not be less than two-third of the committee composition.

B – Induction of Young Professional

At the discretion of the nominating organization and to encourage induction of next generation participants in standardization work, organizations may also nominate an additional representative as ‘Young Professional’ to the technical committees, provided such individuals are below the age of 37 years.

C – Gender Balance in Committees

Bureau of Indian Standards is a signatory to the UNECE Gender Responsive Standards Declaration. The UNECE Gender Responsive Standards Initiative aims to provide a practical framework for standards bodies seeking to make the standards they develop, and the standards development process they follow, gender responsive. Established in 2016, the Initiative has the objectives of: (i) strengthening the use of standards and technical regulations as powerful tools to attain SDG 5 (Achieve Gender Equality and Empower all Women and Girls); (ii) integrating a gender lens in the development of both standards and technical regulations; and (iii) elaborating gender indicators and criteria that could be used in standards development.

In line with these objectives, BIS aims to work towards:

- Gender responsive standards;
 - Gender balance at all levels in all Committees including leadership positions;
 - Enhanced expertise to create and deliver gender inclusivity;
- The BIS' Technical Committees are therefore requested to work in tandem with these aims to create a gender balance environment in all walks of life through standards.

The Committee may **NOTE** and **ADVISE**.

ITEM 4 NEW DRAFT STANDARDS

4.1 Draft Standard on Design of Anchor to concrete connection

In the 29th meeting of CED 2 held on 25 March 2019, it was decided that the Working Group on Anchorages in concrete which was initially working under the Panel for Revision of IS 456 & IS 1343, CED 2:2/P5 should work directly under CED 2:2 as it was felt that the topic had a lot of practical relevance in the modern construction scenario and the drafts could be developed as independent standards which could be referred to, in revised IS 456. Accordingly, the Working Group had been referred as CED 2:2/WG 4. Based upon the discussions held in the meeting, the Chairman desired that the draft documents should be discussed once more in the working group so as to get them more aligned with latest advancements and then to be circulated among the Committee members for their comments.

The working drafts on **Glossary of terms related to Post-installed anchoring systems** and **Design of Post-Installed Anchorages to concrete – Code of practice** were circulated to the members of the working group as well as CED 2:2/P5 on 13 January 2023 for comments. Subsequently, the Working Group met thrice on 31 January 2023, 14 February 2023 and 3 March 2023 in order to discuss and modify the draft standard based on the comments received. Thereafter, the revised working drafts were circulated to all the members of CED 2, its Subcommittees, Panels and Working Groups vide email dated 2 June 2023 for inviting comments. Few comments were received from the members which were shared with the Working Group, CED 2:2/WG 4 for consideration. Accordingly, the Working Group met on 16 June 2023 to discuss the comments received. The revised working drafts and recommendations of

the Working Group on the compiled comments received are attached at **Annex 10, 11 and 12**.

The Committee may **CONSIDER** all the above and **APPROVE** the revised working drafts for wide circulation.

ITEM 5 REVIEW OF STANDARDS

5.1 Review Analysis of IS 9012:1978 Recommended Practice for Shotcreting

As part of the comprehensive review of Pre-2000 standards under CED 02, all the standards need to be reviewed in order to take decision for revision, amendment, reaffirmation or withdrawal. Based on the decisions in the earlier meetings of CED 2, Shri Brijesh Singh, NCB had been allocated the review of IS 9012: 1978 Recommended Practice for shotcreting. Accordingly, he carried out the review analysis and the report of the analysis is attached at **Annex 13**.

The Committee may **CONSIDER** and **ADVISE**.

5.2 Review Analysis of IS 2502:1963 Code of practice for bending and fixing of bars for concrete reinforcement

As part of the comprehensive review of Pre-2000 standards under CED 02, all the standards need to be reviewed in order to take decision for revision, amendment, reaffirmation or withdrawal. Based on the decisions in the earlier meetings of CED 2, Shri L. K. Jain had been allocated the review of IS 2502: 1963 Code of practice for bending and fixing of bars for concrete reinforcement. The review analysis report and the working draft are attached at **Annex 14** and **Annex 15**, respectively.

The Committee may **CONSIDER** and **ADVISE**.

ITEM 6 ANY OTHER BUSINESS
