

**RESOLUTION OF THE TWENTY-FOURTH MEETING OF THE CONCRETE REINFORCEMENT
SECTIONAL COMMITTEE HELD ON 02 JANUARY 2024**

Item 0 OPENING REMARKS AND WELCOME BY THE CHAIRPERSON

The Chairperson welcomed the members and presented the opening remarks.

Item 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

It was decided that the minutes of this meeting along with that of the last meeting be circulated within a fortnight. The initiative of sharing the Resolution of the Meeting on the same day of the meeting was welcomed.

Item 2 COMPOSITION OF SECTIONAL COMMITTEE

The Committee reviewed the composition and decided on the co-options and withdrawals, as well as the reminders to be sent to various member organizations for their continued participation.

It was decided to co-opt the following:

SI No.	Organization
1	All India Steel Re-rollers Association, New Delhi

It was decided to withdraw the following:

SI No.	Organization	Reasons for Withdrawal
1	Central Water Commission, New Delhi	<ul style="list-style-type: none"> • Not attended the last two meetings • A representative joined this meeting virtually, however, there was no response to name calls, as well as no inputs were provided during the meeting. • Also, there has been no contribution in the technical work of the committee.
2	Construction Industry Development Council, New Delhi	<ul style="list-style-type: none"> • Not attended the last two meetings. • Alternate member joined this meeting however, there was no response to name calls, as well as no inputs were provided during the meeting. • Also, there has been no contribution in the technical work of the committee.
3	Delhi Development Authority, New Delhi	<ul style="list-style-type: none"> • Not attended the last two meetings. • A representative joined this meeting however, there was no response to name calls, as well as no inputs were provided during the meeting. • Also, there has been no contribution in the technical work of the committee.
4	Hindustan Construction Company, Mumbai	Not attended the last and this meeting of the committee
5	Jindal Steel and Power Ltd, New Delhi	Not attended the last two and this meeting of the committee
6	Larsen and Toubro Ltd (ECC Construction Division), Chennai	Not attended the last three and this meeting of the committee.
7	Military Engineer Services, Engineer-in-Chief's Branch,	Not attended the last three and this meeting of the committee.

	Integrated HQ of MOD (Army), New Delhi	
8	Steel Re-Rolling Mills Association of India, Kolkata	Not attended the last three and this meeting of the committee.
9	Shri V.V. Arora (In Personal capacity)	Not attended the last three and this meeting of the committee.

It was decided to send reminder to all the member organizations who failed to attend this meeting of the committee.

Item 3 PROGRAMME OF WORK

The Committee noted the position of work as given in the Committee's Programme of Work, and decided to request the Conveners of the concerned Working Groups to send the drafts for revision of IS 1786 and IS 13620 within a fortnight. The Committee also put on record its appreciation for the timely publication of standards for FRP bars (IS 18255:2023, IS 18256:2023) and couplers (IS 16172:2023). The committee also decided to archive IS 10790 (Part 1):1984 and IS 10790 (Part 2):1984 considering that these standards are not referred in any of the standards for reinforcing and prestressing steel and are very old. It was decided to request the concerned working group to review these standards after the completion of work of IS 1786.

Item 4 R&D PROJECTS TO BE TAKEN UP BY THE COMMITTEE

The Committee approved the following R&D subjects and their Terms of References (ToRs) with the modification in the duration of the project which was decided to be changed from 3 months to 5 months. It was opined that a realistic time frame should be provided for a result-oriented project.

- a) Study for framing the requirements for quality and performance of High tensile steel bars for prestressing applications;
- b) Study for framing the requirements for quality and performance of Steel wires for prestressing applications;
- c) Study for framing the requirements for quality and performance of Textile reinforcement;
- d) Study for framing the requirements for quality and performance of High yield strength deformed steel bars for concrete reinforcement having strength grades above Fe 600 (ToR to be prepared as per the ToRs discussed and approved during the meeting); and
- e) Study for framing the requirements for quality and performance of Hot-dip zinc coated reinforcing bars for concrete reinforcement (ToR to be prepared as per the ToRs discussed and approved during the meeting).

The following R&D subjects were also agreed, and the responsibility of preparation of their ToRs was given to the expert members identified against them in the table below:

SI No.	Subject	Expert Member Identified for Preparation of ToR
1	Study of durability and bond behaviour of carbon steel couplers	Dr R Chidambaram, CSIR-CBRI
2	Study for framing the requirements for quality and performance of stainless steel couplers	Dr R Chidambaram, CSIR-CBRI
3	Studying the fatigue behaviour of reinforcing steel	Shri Sanjeev Kumar Garg, DMRC
4	Studying the fatigue behaviour of prestressing steel	Shri Sanjeev Kumar Garg, DMRC

Item 5 ANY OTHER BUSINESS

The meeting ended with a heart vote of thanks to the Chair and the members present.