



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, बहादुर शाह ज़फर मार्ग, नई दिल्ली - 110002

Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi - 110002

Mob.: 7071963270, Phones: 011-23608594, Extn: 8594

Website: www.bis.org.in, www.bis.gov.in

कार्यवृत्त

हमारा संदर्भ: सीईडी 51/ए-2.14

24 जुलाई 2024

विषय: योजना एवं हाउसिंग विषय समिति, सीईडी 51 की चौदहवी बैठक।

सीईडी 51 के सभी सदस्य

प्रिय महोदय/महोदया,

योजना एवं हाउसिंग विषय समिति, सीईडी 51, की चौदहवी बैठक जो सोमवार, 01 जुलाई 2024 को संपन्न हुई, के कार्यवृत्त भेजते हुए प्रसन्नता हो रही है। कार्यवृत्त की पुष्टि श्री वी0 सुरेश, अध्यक्ष, योजना एवं हाउसिंग विषय समिति, सीईडी 51, द्वारा की जा चुकी है।

सम्मतिyaँ भेजने की अंतिम तिथि: 28 जुलाई 2024

आपसे अनुरोध है की कृपया कार्यवृत्त का अवलोकन करें और हमें बताये की इसकी यथार्थता पर आप सहमत है। अगर उपरोक्त तिथि तक कोई सम्मति प्राप्त नहीं होती है तो आपकी सुविधा के लिए समझा जायेगा की आपने कार्यवृत्त का अनुमोदन कर दिया है।

धन्यवाद।

ह0

(जितेंद्र कुमार चौधरी)

सदस्य सचिव, सीईडी 51

ई मेल : ced51@bis.gov.in

दूरभाष236085-011 :88

संलग्न : उपरलिखित



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, बहादुर शाह ज़फर मार्ग, नई दिल्ली - 110002

Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi - 110002

Mob.: 7071963270, Phones: 011-23608594, Extn: 8594

Website: www.bis.org.in, www.bis.gov.in

MINUTES

Our Ref: CED 51/A-2.14

24 July 2024

**Subject: Minutes of the 14th Meeting of the Planning and Housing
Sectional Committee, CED 51**

ALL MEMBERS OF CED 51

Dear Members,

Please find enclosed the Minutes of the **fourteenth** meeting of the Planning and Housing Sectional Committee, CED 51, held on Monday, 01 July 2024. The Minutes have been duly approved by the Chairperson, CED 51, **Shri V. Suresh**.

Last date for comments: 28 July 2024

Comments if any, confined to the accuracy of recording, may please be mailed to the undersigned preferably by the last date for comments. If no reply received by this date, kindly allow us to presume your approval of the minutes as recorded.

Thanking you,

Yours Faithfully,

sd/-

(Jitendra Kumar Chaudhary)

Member Secretary, CED 51

E-Mail : ced51@bis.gov.in

Tele : 011-23608588

Encl: As Above

BUREAU OF INDIAN STANDARDS**MINUTES**

Planning and Housing Sectional Committee, CED 51	:	Fourteenth Meeting
Monday, 01 July 2024	:	1030 h

Chairperson: Shri V. Suresh

Member Secretary: Shri Jitendra Kumar Chaudhary

Members Present:

Members joined physically

<i>Sl No.</i>	<i>Representative(s)</i>	<i>Organization</i>
1)	Shri V. Suresh	In Personal Capacity (Chairperson)
2)	Shri Balbir Verma	The Indian Institute of Architects, New Delhi
3)	Shri Divya Kush	
4)	Shri R. Srinivas	In Personal Capacity

Members joined virtually

<i>Sl No.</i>	<i>Representative(s)</i>	<i>Organization</i>
1)	Shri S K Negi	CSIR - Central Building Research Institute, Roorkee
2)	Ms. P. Prabha	CSIR - Structural Engineering Research Centre, Chennai
3)	Shri Dinesh Kumar Ujjainia	Central Public Work Department, New Delhi
4)	Dr. K M Godbole	City and Industrial Development Corporation of Maharashtra Limited, Mumbai
5)	Shri Amit Trivedi	National Council for Cement and Building Materials, Faridabad
6)	Shri P. N. Ojha	
7)	Shri Moneshwar Kolita	North Eastern Council, Shillong
8)	Dr. V. S. Naidu	In Personal capacity
9)	Prof. Neelima Risbud	In Personal capacity
10)	Shri S. K. Mahajan	Delhi Urban Shelter Improvement Board, New Delhi
11)	Ms. Uma Adusumilli	In Personal Capacity

From BIS

1.	Shri Dwaipayan Bhadra	Head (Civil Engineering Department)
2.	Shri Jitendra Kumar Chaudhary	Sc 'B' (Civil Engineering Department)
3.	Shri Dheeraj Damachaya	Sc 'B' (Civil Engineering Department)

Item 0 OPENING REMARKS BY THE CHAIRPERSON

The Chairperson welcomed all members to the fourteenth meeting of the Planning and Housing Sectional Committee, CED 51 and requested them to actively participate in the discussions regarding various agenda items of the meeting. He informed that revision of SP 7 National Building Code of India (NBC) is ongoing which is targeted to be completed by 2025 and most of the Indian Standards present in CED 51 are important inputs for Part 2 and Part 3 of NBC. Hence, therefore, urged the Conveners of various Working Groups under the Committee to initiate formulation/revision of their respective work items so that it can be utilized in the revision of NBC as well. He also informed that various new subject items had been received by BIS from Ministry of Housing and Urban Affairs (MoHUA) which needs to be considered and discussed during the meeting.

During the meeting, the Chairperson informed that with increased urbanisation and rapid growth of many existing cities and creation of new greenfield cities, a growing need has been felt for the preparation of a guiding document with focus on orderly development for planning of cities and townships with all its functional features and efficient utilisation of land with planning standards and development control rules for various development contexts. Special emphasis has been laid by the Ministry of Housing and Urban Affairs (MoHUA) and NITI Aayog for the orderly and functional planning of cities under various urban transformation initiatives. In this direction the Committee felt it is desirable to formulate a Special Publication as *Town Planning Code*. The Code will benefit the town planning departments, development authorities, new town development agencies, economic corridor development agencies with new urban nodes and town planners, urban designers, architects, engineers dealing with existing and new town development. It will also create an ecosystem for providing the guiding framework for professionals, educational and academic institutions. The various base standards formulated by CED 51 and other bodies will provide the initial inputs which can be utilised in the drafting of the Code.

With the above background on formulation of Town Planning Code of India, it was decided that an exclusive meeting can be held in order to deliberate upon the scope, table of contents, relevant chapters/sections, composition of the Working Group, etc. BIS Secretariat is requested to do the needful.

With these introductory remarks, the Chairperson requested the Member Secretary to

take up the Agenda Item wise.

Item 1 CONFIRMATION OF MINUTES OF THE LAST MEETING

1.1 The Minutes of the last (thirteenth) meeting of the Planning and Housing Sectional Committee, CED 51 held on 5th September 2023, was circulated to all members of CED 51 vide BISDG letter No. CED 51/A-2.13 dated 19 December 2023 was confirmed.

Item 2 COMPOSITION OF THE SECTIONAL COMMITTEE

2.1 The Committee reviewed the composition of CED 51 and decided the following:

2.1.1 BIS should write the letters to the following organizations asking nominations of members for Principal, Alternate and Young Professional:

- 1) Shri Bhardwaj and Associates Pvt Ltd, New Delhi
- 2) Confederation of Real Estate Developers Association of India (CREDAI), New Delhi. Letter may be written to Shri Boman Irani, President, CRIDAI.
- 3) CSIR – Central Roads Research Institute, New Delhi
- 4) Himachal Pradesh Urban Development Authority, Shimla
- 5) Housing and Urban Development Corporation Limited (HUDCO), New Delhi. It was informed during the meeting that Dr Manika Negi had been superannuated from the organization and hence letter may be written to Shri Sanjay Kulshreshtha, Chairman and Managing Director, HUDCO.
- 6) Institute of Town Planners India (ITPI), New Delhi. Letter may be written to Shri N. K. Patel (President, ITPI) to be nominated as Alternate Member. Shri R. Srinivas agreed to assist in communication to him.
- 7) Mumbai Metropolitan Region Development Authority (MMRDA). Letters may be written to Shri Shankar Deshpande and Shri Avirat Imamdar for their participation in the Committee.
- 8) Ministry of Rural Development, New Delhi
- 9) National Real Estate Development Council (NAREDCO), New Delhi
- 10) North Eastern Council, Shillong. As informed by Shri Moneshwar Kolita, during the meeting, that Shri P.K.H Singh as well as Shri Doba Jini were superannuated from the organization, NEC should send revised nominations for representation on CED 51.
- 11) School of Planning and Architecture, Anna University, Chennai. Letter may be written to Smt P. Meena Kumari (Chairperson, SPA) and Smt Sita Laxmi (Dean, SPA).

2.1.2. The Committee also requested the Member Secretary to send reminders to those organization who had not participated in the meeting as well as those whose attendance is less than 1/3 so as to attend the next meetings.

2.2 Composition of The Working Groups under CED 51

The Committee reviewed the composition of the Working Groups under CED 51.

Item 3 PROGRAMME OF WORK

3.1 The Committee noted the present Programme of Work of the Committee.

3.2 The Committee decided to **REAFFIRM** the following standards for the next 5 years as there are not much technical changes in the provisions of the standard.

SI No.	IS No.	Title	Action Taken
1)	IS 5197:1987	Recommendations for layout and planning of drawings offices (<i>first revision</i>)	Reaffirmed w.e.f Sep 2023
2)	IS 6820:1987	Recommendations for modular co-ordination in building industry: Applications (<i>first revision</i>)	Reaffirmed w.e.f Sep 2023
3)	IS 7564 (Part 1):1974	Recommendations for co-ordination of dimensions in buildings – Arrangement of building components and assemblies: Part 1 Functional Group 1 Structures	Reaffirmed w.e.f Sep 2023
4)	IS 7564 (Part 2):1974	Recommendations for co-ordination of dimensions in building – Arrangement of buildings components and assemblies: Part 2 Functional Group 2 External envelope	Reaffirmed w.e.f Sep 2023
5)	IS 7564 (Part 3):1974	Recommendations for co-ordination of dimensions in buildings – Arrangement of building components and assemblies: Part 3 Functional Group 3 Internal subdivision	Reaffirmed w.e.f Sep 2023
6)	IS 7564 (Part 4):1975	Recommendations for co-ordination of dimensions in buildings – Arrangement of building components and assemblies: Part 4 Functional Group 4 Services and drainage	Reaffirmed w.e.f Sep 2023
7)	IS 7564 (Part 5):1974	Recommendations for co-ordination of dimensions in buildings – Arrangement of building components and assemblies: Part 5 Functional Group 5 Fixtures, furniture and equipment	Reaffirmed w.e.f Sep 2023
8)	IS 7922:1987	Recommendations for modular co-ordination in building industry: Vertical co-ordination (<i>first revision</i>)	Reaffirmed w.e.f Sep 2023
9)	IS 12073:1987	Recommendations for modular co-ordination: Co-ordinating sizes for doorsets and windowsets	Reaffirmed w.e.f Sep 2023
10)	IS 13612 (Part 1):1993	Modular co-ordination for normal brickwork — Recommendation: Part 1 Burnt clay bricks	Reaffirmed w.e.f Sep 2023
11)	IS 13613:1992	Recommendations for modular co-ordination in building industry: Location of structural walls and floor slabs	Reaffirmed w.e.f Sep 2023
12)	IS 7921:1987	Recommendations for modular co-ordination in building industry: Horizontal co-ordination (<i>first revision</i>)	Reaffirmed w.e.f Sep 2023
13)	IS 8338:1976	Recommendations relating to primary elements in the design of school library buildings	Reaffirmed w.e.f Sep 2023

3.3 & 3.4 The Committee considered the Road Map of CED 51 for the next 5 years as given in Annex 4 of the agenda papers of this meeting. The Committee also

considered the new subject items received from MoHUA and found that most of the proposed new subjects from MoHUA can be aligned with the work areas identified under the Road Map of the Committee and hence, the Committee finalized the following road map to be taken up for the formulation of new standards.

SI No.	New Area/Topic
1.	Transit Oriented Development 11. Norms and standards for developing of TOD zones within cities
2.	Town Planning Norms for Various Amenities 12. Planning norms and standards for high density development: Efficient use of land flexibility of use i.e. local area planning and town planning schemes (Uma Adusumilli and R Srinivas will review and submit)
3.	10. Development control rules for city core area development + TDR
4.	Habitat Planning for Rural Areas
5.	Guidelines/Norms for Vehicular Parking
6.	Development Planning in Hilly Areas
7.	Planning Norms for Shopping Malls and Integrated Multiplexes
8.	Guidelines for Housing and development in Coastal Areas
9.	Guidelines for Slum Upgradation, Redevelopment and resettlement
10.	Sustainable Development in Housing
11.	Planning and norms for green field construction 12. Development of green field cities along high speed expressways / rail corridors (Bullet trains)
13.	Design and standards for station area / airport / bus station / metro station or major multi modal transport interchange.
14.	Recommendations on Middle and high income housing
15.	River based city master planning guidelines
16.	Guidelines for mixed use development

*New subjects proposed by MoHUA

Item 4 ISSUES ARISING OUT OF PREVIOUS MEETING

4.1 Town Planning Norms for Various Amenities, CED 51/WG 3

The Committee noted the composition of the Working Group WG3. The Convener (Smt Uma Adusumilli) informed that the Working Group had discussed the initial draft in the meeting held in October 2022 and thereafter no work had been done. The Chairperson informed that the draft should contain the inputs from NBC Part 3 as well as UDPFI guidelines published by TCPO. The Committee, hence, requested the Convener to kindly hold the WG meetings in order to move forward the draft to the advanced stages.

It was also decided to co-opt the following in the Working Group:

- 1) Shri Avirat Imamdar, Planner, MMRDA
- 2) Shri Rajpal Kaushik, Ex Chief Town Planner, Noida
- 3) Shri V. Venugopal, Ex Chief Planner, CIDCO
- 4) Representative from Andhra Pradesh Capital Region Development Authority (APCRDA)

4.2 Guidelines/Norms for Vehicular Parking, CED 51/WG 4

The Committee noted the composition of the Working Group. It was decided to co-opt Prof. Sanjay Gupta, HoD, Transport Planning, School of Planning and Architecture, New Delhi who can provide substantial inputs for the development of norms for vehicular parking. Also, the Chairperson informed that he will communicate with Prof. Shivanand Swami regarding the Convenership of the Working Group. In case, Prof. Shivanand Swami is not willing to accept the Convenership, of WG4, Shri R. Srinivas will be appointed as Convener for the Working Group. All the members agreed on the same.

The Committee also requested BIS to share the draft on vehicular parking with all members of the Working Group so that WG4 can initiate the work.

4.3 Guidelines for Development Planning in Hilly Areas, CED 51/WG 6

The Committee considered the composition of the Working Group WG 6. BIS secretariat informed that an initial draft was prepared taking reference from Annex A of the National Building Code of India 2016 Part 3 'Development Control Rules and General Building Requirements', and attached at Annex 6 of the agenda papers of this meeting. Shri R. Srinivas informed that NITI Aayog had published a report on hill area development in which significant contribution was made by Shri P. S. N. Rao (Convener, WG6) and hence it can be considered during the discussions in the Working Group meetings. Also, it was decided to drop Shri Shashi Mohan Srivastava (Uttarakhand Housing and Urban Development Authority) and Ar Surabh Saman (Indian Institute of Architects, Uttarakhand) from the WG and co-opt the following:

- 1) Dr S. K. Negi, CSIR – CBRI, Roorkee
- 2) Shri Moneshwar Kolita (Superintending Engineer), North Eastern Council, Shillong
- 3) Representatives from State Departments of Sikkim and Mizoram
- 4) Alternate representative from IIT Guwahati
- 5) National Disaster Management Authority, New Delhi

4.4 Guidelines for Transit Oriented Development (TOD), CED 51/WG 2

The Committee reconstituted the Working Group WG2 on TOD as below:

SI No.	Name of the Expert	Name of the Organization
1.	Smt Uma Adusumilli (<i>Convener</i>)	In Personal Capacity
2.	Dr. S. K. Kulshrestha	Institute of Town Planners, India, New Delhi
3.	Shri Swetal Kanwalu	Mumbai Metro Rail Corporation Limited, Mumbai
4.	Shri Avirat Inamdar	Mumbai Metropolitan Region Development Authority
5.	Shri R. Srinivas (co-opted)	In Personal Capacity, New Delhi
6.	Shri Puroshottam Uttarwar (co-opted)	Former Additional Commissioner, DDA

The Convener also informed that the draft on TOD had been finalized by the Working Group. The Committee requested the Working Group to meet once more with all the members in order to review the draft and if there are no further/substantial inputs, the draft can be circulated to all members of the Committee.

4.5 Planning Norms for Shopping Malls and Integrated Multiplexes, CED 51/WG 7

The Committee reviewed the composition of the Working Group WG 7 and decided to co-opt the following in the Working Group:

- 1) Shri Rajpal Kaushik, Chief Town Planner, Noida
- 2) Shri R. Srinivas, In Personal Capacity, New Delhi

The Chairperson also informed that Haryana Town Planning Department had prepared guidelines on shopping malls and integrated multiplexes. Shri R. Srinivas was requested to assist in making the document available for consideration and review of the Committee (*in case it is published and available*).

Item 5 ROLLING ANNUAL ACTION PLAN

5.1 The Committee considered the draft Annual Action Plan and finalized the new subjects/topics as given in Item 3.3 of these Minutes.

Item 6 REPORT FROM THE WORKING GROUPS

6.1 Requirements of Middle and High Income housing for Urban areas

The Committee reviewed the composition of the Working Group WG 11 and decided to co-opt CREDAI, NAREDCO and Shri Balbir Verma (IIA) in the working group. It was also decided that WG will conduct the meeting in August 2024.

6.2 River based city master planning guidelines

The Committee reviewed the composition of the Working Group WG 12 and decided to co-opt Shri Rajpal Kaushik, Ex Chief Planner, Noida in the working group. It was also decided that WG will conduct the meeting in August 2024.

6.3 Mixed Use Development

The Committee reviewed the composition of the Working Group WG 13 and decided to co-opt the following:

- 1) Shri Divya Kush, The Indian Institute of Architects, New Delhi
- 2) Smt Uma Adusumilli informed that instead of her, Shri Ramesh Dengle [Ex Chief Architect and Planner, City and Industrial Development Corporation (CIDCO)] can be represented in personal capacity.
- 3) Prof. K. T. Ravindran (Ex HoD, Urban design department, SPA, New Delhi) in personal capacity.

6.4 Working Group on revision of IS 4878 Byelaws for construction of cinema buildings (*first revision*)

The Committee noted the composition of WG 1 and decided that Shri Charanjit Singh shall be communicated to convene the meetings of the WG. Also, a suitable technical representative shall be nominated from INOX Leisure Ltd, Mumbai.

6.5 Working Group on Housing in Coastal areas, CED 51/WG 8

The Committee reviewed the composition of the Working Group WG 8. The Convener (Shri V. S. Naidu) informed that literatures are available on the subject which can be used as an input to prepare the initial working draft. Based on the review, the Committee decided the following:

- 1) To co-opt School of Planning and Architecture, Vijayawada. Letter may be written to Shri Ramesh Shrikonde, Director, SPA, Vijayawada asking for nominations.
- 2) Institute of Town Planning India (ITPI), New Delhi should be asked for sending revised nominations (*for Principal and Alternate member*).
- 3) Experts from State Disaster Management Authorities for the states lying near coastal areas should be identified.

The Convener also informed that based on the available literature, the initial draft can be prepared by August 2024 and thereafter, the WG meeting will be convened.

6.6 Working Group on Slum upgradation, CED 51/WG 9

The Committee reviewed the composition of the Working Group and decided that there is no requirement for any modification in the composition and the work can be initiated with this composition. Also, the Committee decided to co-opt Shri Divya Kush from The Indian Institute of Architects, New Delhi in the Working Group.

The Convener (Smt Neelima Risbud) mentioned that the WG will conduct its first meeting by end of July 2024 to discuss the scope and contents of the draft standard.

6.7 Working Group on Sustainable development in Housing, CED 51/WG 10

The Committee reviewed the composition and recommended no change in composition with a request that WG should hold the meeting to begin drafting of the standard. It is also decided that the name of The Energy and Resource Institute (TERI) shall be changed to GRIHA in the working group composition.

6.8 Alert Group, CED 51/AG

The Committee noted the composition of the Alert Group and suggested no modification.

Item 7 INTERNATIONAL ACTIVITIES

7.1 The Committee noted the details of ISO/TC 59 and the standards in development.

Item 8 ANNUAL MEETING CALENDER

The Committee decided that the next meeting will be held in the first week of September 2024.

Item 9 ANY OTHER BUSINESS

There being no further items for discussion, the meeting ended with thanks to all.
