

BUREAU OF INDIAN STANDARDS

MINUTES

**Doors, Windows and Shutters Sectional
Committee CED 11** : **Thirtieth Meeting**

Monday, 04 December 2023 : **1100 h**

Venue: Hybrid Meeting, Bureau of Indian Standards, Manak Bhavan, 9, Bahadur Shah Zafar Marg, New Delhi 110 002

PRESENT

Chairperson: Shri R. K. Kakar, (In Personal Capacity, Gurugram)

Member Secretary: Shri Pradeep Singh Shekhawat, Scientist-D/Joint Director, Bureau of Indian Standards

Member Organizations Present:

- 1) Col (Retd) Sanjay M. Adsar, B.G. Shirke Construction Technology Ltd, Pune
- 2) Shri S. K. Negi, CSIR- Central Building Research Institute, Roorkee
- 3) Shri Mohd. Reyazur Rahman, CSIR- Central Building Research Institute, Roorkee
- 4) Shri Dinesh Kumar Ujjainia, Central Public Works Department, New Delhi
- 5) Shri Anish Kundu, Engineers India Limited, New Delhi
- 6) Shri Anish Mahal, Engineers India Limited, New Delhi
- 7) Shri Shrish Bhatt, Greenlam Industries, Kolkata
- 8) Ms Dilna Subramani, Glazing Society of India (GSI), Chennai
- 9) Shri Chandan Agarwal, Hindalco Industries Limited, Mumbai
- 10) Shri Anand Nandawar, Institute of Wood Science and Technology, Bengaluru
- 11) Shri Animesh Das, National Test House, Kolkata
- 12) Dr Somit Neogi, National Test House, Kolkata
- 13) Shri Umashankar G., Rubber Research Institute of India, Rubber Board, Kottayam
- 14) Shri Antony John, Schueco India Private Limited, Bengaluru

- 15) Shri Nitin Vaze, Sleek Boards India LLP, Pune
- 16) Shri Syed Mohamed, Shakti Hormann Pvt Ltd., Secunderabad
- 17) Shri K. Parameshwara Reddy, Shakti Hormann Pvt Ltd., Secunderabad
- 18) Shri Mahesh Singh, Shakti Hormann Pvt Ltd., Secunderabad
- 19) Shri Praveen Naikwade, Spacewood Furniture Private Limited, New Delhi
- 20) Shri Sachin Deshpande, Spacewood Furniture Private Limited, New Delhi
- 21) Shri Ullas Guliani, UPVC Windows and Doors Manufacturers Association (UWDMA), New Delhi
- 22) Shri Satish Kumar, UPVC Windows and Doors Manufacturers Association (UWDMA), New Delhi
- 23) Shri Sharanraj A, Winwall Technology Indian Private Limited, Chennai

Item 0 OPENING REMARKS OF CHAIRMAN

The Chairperson extended the heartily welcome to all members to this 30th Meeting of the Doors, Windows and Shutters Sectional Committee, CED 11. He added that the last meeting was held on 06th November, 2023. It is a matter of satisfaction that the Sectional Committee meetings were held very frequently and now again in within a month. This has been made possible by the timely actions of the Secretariat and the time and efforts given by the members of the Committee. He appreciated BIS approach towards Research and Development for the purpose of formulating and reviewing the Indian Standards. He mentioned that R&D based Indian Standards would have a better impact towards the usage of the Indian Standards. He calls for the attention of all the members on this vital issue and calls for their detailed deliberations in the meeting and suggestions for implementation.

With this, he handed over to the Member Secretary of the Committee for further conduct of the meeting as per the agenda.

Item 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

There being no comments, the Committee confirmed the minutes of the Twenty-Eighth and Twenty-Ninth Meeting of the Sectional Committee, CED 11 held on on 24th August 2023 and 6th November 2023.

Item 2 LATEST DIRECTIVES OF BIS FOR SECTIONAL COMMITTEE WORK

Member Secretary explained the latest directives to BIS for the Committee work and requested to participate actively in the meetings and also send comment of drafts through BIS standardization portal as and when received.

Item 3 RESEARCH AND DEVELOPMENT/ ACTION RESEARCH PROJECT (ARP) TO BE TAKEN UP

3.1 Review of Indian Standards

The Committee considered the proposal of R&D for revision of Indian Standards and new draft Indian Standards. After detailed discussed on the draft Term of Reference (ToRs), the finalized topics and ToRs are as follows:

- 1) Revision of IS 4020 (Part 1 to 16): 1998, for the applicability of various types of doors i.e. Wooden, Steel, Aluminium, UPVC, Wood Polymer Composite (WPC), Fibre Reinforced Polymer (FRP) etc. – The modified finalized ToR is given at Annex 1.
- 2) New Indian Standard for test method and requirements for Door-sets of different materials - The modified finalized ToR is given at Annex 2.
- 3) New Indian Standard on Laminated coloured uPVC Profiles - The modified finalized ToR is given at Annex 3.

3.2 Topics to be Finalized for R&D and ToR Preparation

The discussed the topics for revision of Indian Standards or new Indian Standards. After discussion, the decision against each topic are as follows:

- 1) Revision of IS 1038: 1983 Specification for Steel Doors, Windows and Ventilators – The working draft is already prepared with lot of discussion, so the draft will be considered in ARP mode. And requested Shri Syed Mohamed to do Action Research Project (ARP) and provide the report for further process of formulation of the draft. If required, Shri Syed Mohamed may also involve one or two more members for ARP.
- 2) Revision of IS 6248:1979 Specification for metal rolling shutters and rolling grills (first revision) - The working draft is already prepared, so the draft will be considered in ARP mode. And requested Shri Syed Mohamed to do Action Research Project (ARP) and provide the report for further process of formulation of the draft. If required, Shri Syed Mohamed may involve one or two more members for ARP.

- 3) Revision of IS 14856:2000 - Glass fibre reinforced plastic (GRP) panel type door shutters for internal use — Specification – IS 4020 (Part 1 to 16) are referred in IS 14856, so it will be reviewed after getting R&D output of IS 4020 (Part 1 to 16).
- 4) Revision of IS 15931:2012 - Solid panel foam UPVC door shutters — Specification - IS 4020 (Part 1 to 16) are referred in IS 14856, so it will be reviewed after getting R&D output of IS 4020 (Part 1 to 16).
- 5) New Indian Standard on Steel Door Frame Set – Specification – The draft will be updated after getting the R&D output of performance tests on Doorsets.

Item 4 COMMENTS ON INDIAN STANDARDS RECEIVED

4.1 IS 2202 (Part 1): 2023 - Wooden Flush Door Shutters Solid Core Type Specification Part 1: Plywood Face Panels (seventh revision)

The Committee consider the Comment received and recommendations of the Working Group (WG02). After discussion in detail, the decision of the Committee against each Comment is given at **Annex 4** and agreed for amendment (for wide-circulation) as per decisions of the Committee. The Committee requested BIS Secretariat, to prepare the draft amendment in-consultation with Shri Nitin Vaze (Convener) and issue the same in wide-circulation for a period on one month for public comments with approval of the Chairperson.

4.2 IS 2202 (Part 2): 2022 - Wooden Flush Door Shutters Solid Core Type Specification Part 2 : Particle Board, High Density Fibre Board, Medium Density Fibre Board And Hardboard Face Panels (fourth revision)

The Committee consider the Comment received and recommendations of the Working Group (WG02). After discussion in detail, the decision of the Committee against each Comment is given at **Annex 5** and agreed for amendment (for wide-circulation) as per decisions of the Committee. The Committee requested BIS Secretariat, to prepare the draft amendment in-consultation with Shri Nitin Vaze (Convener) and issue the same in wide-circulation for a period on one month for public comments with approval of the Chairperson.

4.3 IS 2191 (Part 1): 2022 - Wooden Flush Door Shutters Cellular, Tubular and Hollow Core Type Specification Part 1: Plywood Face Panels (fifth revision)

The Committee consider the Comment received and recommendations of the Working Group (WG02). After discussion in detail, the decision of the Committee against each Comment is given at **Annex 6** and agreed for amendment (for wide-circulation) as per

decisions of the Committee. The Committee requested BIS Secretariat, to prepare the draft amendment in-consultation with Shri Nitin Vaze (Convener) and issue the same in wide-circulation for a period on one month for public comments with approval of the Chairperson.

4.4 IS 2191 (Part 2): 2022 Wooden Flush Door Shutters (Cellular, Hollow and Tubular Core Type) - Specification Part 2: Particle Board, High Density Fibre Board, Medium Density Fibre Board and Fibre Hardboard Face Panels (fourth revision)

The Committee consider the Comment received and recommendations of the Working Group (WG02). After discussion in detail, the decision of the Committee against each Comment is given at **Annex 7** and agreed for amendment (for wide-circulation) as per decisions of the Committee. The Committee requested BIS Secretariat, to prepare the draft amendment in-consultation with Shri Nitin Vaze (Convener) and issue the same in wide-circulation for a period on one month for public comments with approval of the Chairperson.

4.5 IS 17953: 2023 - uPVC Profiles for Windows and Doors – Specification

The Committee considered the inputs of UWDMA against the comments on IS 17953. However, as these inputs received just before the meeting, the Committee requested BIS all the Committee members to examine and provide inputs/comments in next two months. And the same will be discussed in the next meeting of the Sectional Committee, CED 11.

The inputs from UWDMA are given in **Annex 8**.

Item 5 PROGRAMME OF WORK (POW)

The Committee reviewed and noted POW of the Committee.

The Committee reviewed the POW and while reviewing, it was explained that the Committee can archive Indian Standards which the Committee decided to not review at present and will be reviewed after some time. After detailed discussion, it has been decided that first we need to identify and consult the stakeholders for these products like manufacturers and then review will be taken-up. In the meantime, the Committee decided to reaffirm and archive IS 16073:2013 - Bamboo – Jute composite panel door shutter — Specification and IS 16096:2013 - Bamboo – Jute composite hollow core door shutter — Specification.

Item 6 COMPOSITION OF THE SECTIONAL COMMITTEE AND ITS WORKING GROUPS

6.1 The Committee noted and reviewed the present composition of the Sectional Committee and the Working Groups as given in the Agenda and once again requested the members to participate and contribute in the work of the Committee, CED 11. The Committee requested all the member organizations to review their nominations and send the updated nomination details to BIS Secretariat (email – ced11@bis.gov.in) as per Annex A of the Minutes of the Meeting.

6.2 As per latest directives of BIS, the Committee discontinued all the working groups under CED 11, and as and when desired, the Committee will constitute new small working groups with maximum five number of members with one particular subject or an existing standard or set of standards for review. And also have a well-articulated Scope of Work and Terms of Reference (TOR) with a fixed timeframe. For interest in participating in any specific work related to revision/ new standard, the Committee requested to send communication to BIS Secretariat for the same.

Item 7 INTERNATIONAL STANDARDIZATION

The Committee noted the information given in the Agenda.

Item 8 ANY OTHER BUSINESS

The members joined the Member-Secretary in thanking the Chairperson for guidance and smooth conduct of the meeting leading to fruitful discussions and decisions. The Member-Secretary also thanked all the members for their keen interest and valuable inputs during the deliberations in the meeting.