



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG, NEW DELHI 110002

कार्यवृत्त

हमारा संदर्भ: सीईडी 15/ए-2.31

21 दिसंबर 2023

विषय : बिल्डर्स हार्डवेयर विषय समिति, सीईडी 15 की इकत्तीसवीं के कार्यवृत्त

सीईडी 15 के सभी सदस्य

प्रिय महोदय,

बिल्डर्स हार्डवेयर विषय समिति, सीईडी 15 की इकत्तीसवीं बैठक जो **05 दिसंबर 2023** को नई दिल्ली में सम्पन्न हुई के, कार्यवृत्त भेजते हुए प्रसन्नता हो रही है। कार्यवृत्त की पुष्टि समिति, सीईडी 15 के अध्यक्ष, श्री बी. मजुमदार द्वारा की जा चुकी है।

आपसे अनुरोध है कि कृपया कार्यवृत्त का अवलोकन करें और इसकी यथार्थता पर अगर कोई सम्मतियाँ हों तो अधोहस्ताक्षरकर्ता को 14 दिन के भीतर भेज दें। यदि सम्मति प्राप्त नहीं होती तो आपकी सुविधा के लिए यह समझा जाएगा कि आपने कार्यवृत्त का अनुमोदन कर दिया है।

धन्यवाद।

भवदीय,

(**प्रदीप सिंह शेखावत**)

वैज्ञानिक 'डी'/ संयुक्त निदेशक (सिविल इंजीनियरिंग)

ई मेल: ced15@bis.gov.in

संलग्न : उपरलिखित



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG, NEW DELHI 110002

MINUTES

Our Ref: CED 15/A-2.31

21 December 2023

Subject: Minutes of Twenty-Ninth Meeting of the Builder's Hardware Sectional Committee, CED 15

All Members of CED 15

Dear Sir,

Please find enclosed a copy of the Minutes of Thirty-First Meeting of the Builder's Hardware Sectional Committee, CED 15 held on **05 December 2023** in New Delhi. The Minutes have been duly approved by the Chairman, Shri B. Mujumdar.

Comments, if any, confined to the accuracy of recording may please be sent to the undersigned at the earliest, preferably within two weeks' time. If no reply is received within the above period, we may be permitted to presume your approval of the Minutes as recorded.

Thanking you and with regards,

Yours faithfully,

(Pradeep Singh Shekhawat)
Scientist 'D'/ Joint Director (Civil Engg.)
E mail: ced15@bis.gov.in

Encl: As above

BUREAU OF INDIAN STANDARDS

MINUTES

Builder's Hardware Sectional Committee, CED 15 : Thirty-First Meeting

Tuesday, 05th December, 2023 : 11 00 h

Hybrid Meeting (Online + Physical) at Green Room, Manak Bhavan, Bureau of Indian Standards, 9 Bahadur Shah Zafar Marg, New Delhi 110 002.

Chairperson: Shri B. Majumdar (In-Personal Capacity), Delhi

Member Secretary: Shri Pradeep Singh Shekhawat, Scientist – D/ Joint Director, CED, BIS

Member Organizations Present:

- 1) Shri Sushil Tawar, Allied Anodisers, Kolkata
- 2) Shri Anil Chadha, Argent Industries, New Delhi
- 3) Shri Chandan Swaroop Meena, CSIR-Central Building Research Institute, Roorkee
- 4) Shri V. Chakradhar, CSIR-Central Building Research Institute, Roorkee
- 5) Shri Sandip Garg, D. P. Garg & Company Pvt Ltd, Noida
- 6) Shri Praval Varshney, Rep. of D. P. Garg & Company Pvt Ltd, Noida
- 7) Shri Vinayak Nalgirkar, Godrej & Boyce Mfg. Co Limited, Mumbai
- 8) Shri Vijay Sutar, Rep. of Godrej & Boyce Mfg. Co Limited, Mumbai
- 9) Shri Jitendra Goel, Hindalco Industries Limited, Sonbhadra
- 10) Shri Virendra Kumar, Hettich India Pvt Ltd, Vadodara
- 11) Shri Indu Kumar Sharma, Hettich India Pvt Ltd, Vadodara
- 12) Shri Sudhir Batra, MECH (India) Industries, Delhi
- 13) Shri Ishan Batra, MECH (India) Industries, Delhi
- 14) Shri Syed Mohamed, Shakti Hormann Pvt Ltd, Telangana
- 15) Shri Mahesh Singh, Shakti Hormann Pvt Ltd, Telangana
- 16) Shri K Parameswara Reddy, Shakti Hormann Pvt Ltd, Telangana
- 17) Shri Mukesh Purshotamdas, South India Agencies
- 18) Shri Sharanraj A, Winwall Technology Indian Private Limited, Chennai

Invitee Present:

- 1) Dinesh Kumar Ujjainia, Central Public Works Department, New Delhi
- 2) Shri Sagar Mehta, Kich Architectural Products Pvt Ltd, Rajkot
- 3) Shri Anjay Mishra, Kich Architectural Products Pvt Ltd, Rajkot
- 4) Shri Anil Vanjani, Rep. of Kich Architectural Products Pvt Ltd, Rajkot
- 5) Shri Neel Thakar, Metalurgical Services Pvt. Ltd.

Item 0 OPENING REMARKS BY THE CHAIRMAN

The Chairperson extended a hearty welcome to all the committee members to this 31st Meeting of the Builder's Hardware Sectional Committee, CED 15. 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 once again added that this Sectional Committee being one of the oldest and a very active one, has quite a significant number of such Standards (pre-2000) in its list of publications which now will need to be revised. 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-Ninth Meeting and Thirtieth Meeting of the Sectional Committee, CED 15 held on 25th August 2023 and 06th November 2023 as circulated.

Item 2 LATEST DIRECTIVES OF BIS FOR SECTIONAL COMMITTEE WORK

Member Secretary explained the latest directives of BIS for the Committee work and

requested to committee members participate actively in the meetings and also send comment on 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 (grouped together for similar products). After detailed discussion on the draft Terms of Reference (ToR), the finalized topics and ToRs are as follows:

- 1) Revision of Indian Standards related to Hinges used in Doors and Windows i.e IS 205, I S206, IS 362, IS 453, IS 1341, IS 3818, IS 3843, IS 9106 and IS 12817 – The finalized ToR is given at Annex 1.
- 2) Revision of Indian Standards related to Door Closers i.e. IS 3564, IS 6343 and IS 14912 - The finalized ToR is given at Annex 2.
- 3) Revision of Indian Standards related to Tower Bolts i.e IS 204 (Part 1), IS 204 (Part 2) and IS 15833 - The finalized ToR is given at Annex 3.
- 4) Revision of Indian Standards related to Sliding Door Bolts i.e. IS 281, IS 2681 and IS 15834 - The finalized ToR is given at Annex 4.

3.2 Formulation of New Indian Standards

The Committee considered the following topics for new Indian Standards through ARP/R&D:

- 1) Classification codes for Builder's Hardware – Guidelines
- 2) Panic Exit Hardware – Specification
- 3) Ball Bearing Hinges – Specification
- 4) Under-mount Drawer Slide – Specification

During the discussion, it has been communicated by the Committee members that for formulation of new Indian Standard on Classification codes for Builder's Hardware – Guidelines, Panic Exit Hardware – Specification and Ball Bearing Hinges – Specification,

enough data w.r.t Literature, designs, materials, test reports etc are available with the concerned industry for documentary evidence for formulation of new Indian Standard on the mentioned topics. After the discussion, the Committee agreed for Action Research Project (ARP) to the mentioned topics and assigned to the Committee members/ Working Panels (newly constituted) as follows:

1) Classification codes for Builder's Hardware – Guidelines

Action Research Project (ARP) assigned to Shri Syed Mohamed, Shakti Hormann Pvt Ltd, and requested to provide the ARP report along-with draft Indian Standard to the Committee in next six months.

2) Panic Exit Hardware – Specification

Action Research Project (ARP) assigned to Working Panel (WP) for preparation of draft Indian Standard specification on Panic Exit Hardware. The composition of the working panel is as follows;

- i) Shri Sandip Garg, D. P. Garg & Company Pvt Ltd (Convener)
- ii) Shri Shri Vinayak G. Nalgirkar, Godrej & Boyce Mfg. Co. Limited
- iii) Shri Syed Mohamed, Shakti Hormann Pvt Ltd

The Committee requested the Working Panel to provide the ARP report along-with draft Indian Standard to the Committee in next six months.

3) Ball Bearing Hinges – Specification

Action Research Project (ARP) assigned to Shri Sandip Garg, D. P. Garg & Company Pvt Ltd, and requested to provide the ARP report along-with draft Indian Standard to the Committee in next six months.

For Under-Mount Drawer Slide – Specification, the Committee decided to proceed with R&D project as per latest BIS R&D guidelines, and requested the members to provide inputs for preparation of ToR for R&D project.

Item 4 COMMENTS ON INDIAN STANDARDS RECEIVED

4.1 IS 208: 2020 - Door Handles - Specification (sixth revision)

The Committee considered the Comment received from Shri Anil Chadda, Argent Industries and agreed for amendment (for wide-circulation) as per the comment. The Committee requested Shri Anil Chadda to provide exact modified wordings for the same. Further, the Committee requested BIS Secretariat to prepare the draft amendment and issue the same in wide-circulation for a period on two months for public comments.

4.2 IS 17954: 2023 - Telescopic Ball Bearing Drawer Slide – Specification

As the justification/clarification behind the proposals have not been provided by M/s Ebco Private Limited, for better understanding of the commenter’s view-point, the Committee requested BIS Secretariat to again send a communication for providing comments along-with their justification/clarification on IS 17954 and also to invite the firm in the next meeting of the sectional committee.

4.3 IS 1341: 2018 – Steel Butt Hinges – Specification (second revision)

The Committee considered the Comment received from M/s Modern Doordevices Pvt. Ltd. and agreed for amendment to IS 1341 to change the tolerance “ \pm ” by “Minimum” word and not give any tolerance on negative side in Thickness of flap and Diameter of hinge pin in Table 2 to Table 9 of IS 1341. The Committee requested BIS Secretariat, to prepare the draft amendment and issue the same in wide-circulation for a period on two months for public comments.

4.4 IS 12817: 2020 Stainless Steel Butt Hinges – Specification (third revision)

The Committee considered the Comment received from M/s D. P. Garg & Co. Pvt. Ltd. and agreed for amendment to IS 12817 to change the tolerance “ \pm ” by “Minimum” word and not give any tolerance on negative side in Thickness of flap and Diameter of hinge pin in Table 1 to Table 6 of IS 12817. The Committee requested BIS Secretariat, to prepare the draft amendment and issue the same in wide-circulation for a period on two months for public comments.

Item 5 PROGRAMME OF WORK (POW)

The Committee reviewed the POW and while reviewing, it was explained that the Committee can archive Indian Standards which at present are not in much use and the same can be reviewed later on. Also, the standard which cannot be withdrawn but have lost relevance due to diminishing use in the wake of onset of new products. Accordingly, the Committee decided to archive IS 3828: 1966 - Specification for Ventilator Chains and IS 10090: 1982 - Specification for Numericals.

Item 6 COMPOSITION OF THE SECTIONAL COMMITTEE

The Committee noted and reviewed the present composition of the Sectional Committee as given in the Agenda and once again requested the members to participate and contribute in the work of the Sectional Committee, CED 15. The Committee requested all the member organizations to review their nominations and send the updated nomination details to BIS Secretariat (email – ced15@bis.gov.in) as per Annex 5 of the Minutes of the Meeting.

Item 7 REQUEST FOR CO-OPTION

The Committee considered the co-option request of M/s Ebco Private Limited, Mumbai and decided to first invite them in the next committee meeting and then later decide to co-opt after a discussion with their technical person.

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.
