
MINUTES

25th MEETING OF

BRUSHWARE, POLISHES, LAC & LAC PRODUCTS SECTIONAL COMMITTEE, CHD 23

Monday, 10th October, 2022

Bureau of Indian Standards

Manak Bhawan

Bronze Room, Ground Floor,

9, Bahadur Shah Zafar Marg

New Delhi – 110002

Chairman : Dr. K.K Sharma, Director, Indian Institute of Natural Resins & Gums, Ranchi

Member Secretary : Shri Sagar Singh, Scientist C, BIS

Members Present

1. Dr. K.K Sharma, Indian Institute of Natural Resins & Gums, Ranchi
2. Shri Arnab Roy Chowdhury, Indian Institute of Natural Resins & Gums, Ranchi
3. Shri M F Ansari, Indian Institute of Natural Resins & Gums, Ranchi
4. Dr. Debjani Roy, Shellac and Forest Products Export Promotion Council, Kolkata
5. Shri Vineet Choudhary, Climax Brushwares
6. Shri Rahul Kumar, Usha Industries
7. Shri Rabindra Nath Kundu, Waxpol Industries Ltd
8. Shri Buddh Prakash, National Test House Ghaziabad
9. Shri Ashish Bharti, National Test House Ghaziabad
10. Dr S N Jaisankar, CLRI
11. Shri A K Patra, DGQA
12. Shri Sreekanth, Ministry of Agriculture
13. Shri P K Bala, RDSO
14. Smt G Gowdhami, ICF
15. Shri G Mathivanan, ICF
16. Shri Sojan Varghese, HUL
17. Dr Vineet Kumar, Forest Research institute (FRI), Dehradun
18. Shri MAU Khan, Consumer Voice
19. Shri Joshy John, SQAE(GS)
20. Shri Ravindra Kumar Chaudhary, Northern Railway
21. Shri Vibhoshanan, CMT Southern Railway
22. Shri Jiten P

Item 0 WELCOME AND INTRODUCTORY REMARKS

0.1 Welcome of the Chairman & Members by BIS

On behalf of BIS, Shri Sagar Singh, Member Secretary welcomed the Chairman and all the participants present in the meeting and requested them to participate actively in the meeting to have a fruitful discussion.

0.2 Opening remarks by the Chairman

Dr. K.K Sharma welcomed all the members present in the meeting. He called for the collective effort of the Committee to set good standards. He emphasized on identifying & co-opting new active members in the committee and requested BIS to write to the nominating authorities of the member bodies of the committee for nominating the concerned experts and their regular participation in the meeting by way of maintaining continuity as well.

Item 1 CONFIRMATION OF MINUTES OF THE 24th MEETING OF CHD 23

The Committee **confirmed** the Minutes of 24th Meeting of CHD 23 held on 17th June, 2022 at BIS, New Delhi via Video Conferencing. The committee expressed its concern about the **Action Taken Report (ATR)** of the last meeting and proposed a midterm review meeting for improvement in ATR.

Item 2 COMPOSITION, SCOPE, AND ACTIVITIES OF SECTIONAL COMMITTEE CHD 23 & SUBCOMMITTEE, CHD 23:1

2.1 The Committee reviewed the composition of Brushware, Polishes, Lac and Lac Products Sectional Committee, CHD 23 as given in **Annex II** of the agenda and requested the Member Secretary to update the composition accordingly.

2.2 Composition of the Alert Panel

The Committee reviewed the composition of the alert panel and recommended the **new composition** as:

1. Dr. K.K Sharma, Director, IINRG – **Convener**
2. Shri Vineet Choudhary, Climax Brushwares
3. Shri AK Majumdar, Shriram Institute for Industrial Research
4. Shri RN Kundu, The Waxpol Industries Ltd
5. Dr. Debjani Roy, SHEFEXIL
6. Shri Roshanlal Sharma, Tajna Shellac Private Limited
7. Dr. M F Ansari, IINRG
8. Dr S N Jaisankar, CLRI

The Committee requested the alert panel P1 to prepare a working draft on fruit coating formulation and send to the Member Secretary within 2 month time frame.

The committee was of the view that there should be a member from **FSSAI** in the composition of Alert Panel keeping in light the fact that lac is used in food, pharmaceutical and cosmetic industry.

The committee also suggested identifying the active representatives related to Lac and Lac Industries for the periodical review and up gradation of the standards of Lac and Lac products.

Item 3 RECENT INITIATIVES IN STANDARD FORMULATION ACTIVITY

3.1 Collection of Standards

The Committee **NOTED** the information given in **Item 3.1 of the Agenda**.

3.2 Thrust Areas

The Committee **NOTED** the information given in **Item 3.2 of the Agenda**.

Item 4 GRADING IN PRODUCT STANDARDS

4.1 The Committee **NOTED** the information given in **Item 4 of the Agenda**.

Item 5 DOCUMENTS TO BE SENT FOR PRINTING

The Committee decided to circulate these documents among the Committee Members for a further period of 15 days for **final review** before these are sent for Printing as some new members were attending the meeting for the first time. If no comments are received, then the documents are to be directly processed for printing. If comments are received, the same would be examined at BIS Sectt level and put up to the Chairman for his approval and decision for processing the documents for printing or discussion in next sectional committee meeting, as required.

S. No	Document Number	Document Title
1	Doc No. CHD 23 (19925) IS 384 (Part 1) : 2022	BRUSHES, PAINTS AND VARNISHES, FLAT — SPECIFICATION PART 1 HEAVY DUTY (Seventh Revision)
2	Doc No. CHD 23 (19934) IS 384 (Part 2) : 2022	BRUSHES, PAINTS AND VARNISHES, FLAT — SPECIFICATION PART 2 HOUSEHOLD PURPOSES (Seventh Revision)
3	Doc No. CHD 23 (19936) IS 486 : 2022	BRUSHES, SASH TOOL FOR PAINTS AND VARNISHES- SPECIFICATION (Fifth Revision)
4	Doc No. CHD 23 (19937) IS 487 : 2022	BRUSHES, PAINTS AND VARNISHES — (i) OVAL, FERRULE BOUND; AND (ii) ROUND, FERRULE BOUND (Sixth Revision)
5	Doc No. CHD 23 (19938) IS 2616 : 2022	BRUSH, (i) CLEANING TANK, AND (ii) COMMODE AND LAVATORY — SPECIFICATION (First Revision)
6	Doc No. CHD 23 (19941) IS 2621:2022	BRUSH, COMMODE CHUTES- SPECIFICATION (Second Revision)
7	Doc No. CHD 23 (19942) IS 2622 :2022	BRUSH, BANISTER (HAND SWEEPING), SINGLE— SPECIFICATION (Third Revision)

Item 6 REVISION OF A5 STANDARDS

6.1 The Committee requested the members to take up the following A5 Standards for review and accordingly provide their inputs in the desired A5 proforma through Standardization portal within 1 month timeframe. Primarily, the reference clause, marking clause and updated test methods wherever required are to be incorporated. Based on the inputs to be received, the Committee decided to send these documents for Wide Circulation for a period of 2 months to receive comments from various stakeholders. If no comments are received, then the documents are to be directly processed for printing. If comments are received, the same would be examined at BIS Sectt level and put up to the Chairman for his approval and decision for

processing the documents for printing or discussion in next sectional committee meeting, as required.

Sl. No.	IS No.	Sl. No.	IS No.
1	IS 10025 - Specification for polish, liquid (White), for canvas footwear	19	IS 5207 - Specification for brushes, clothes
2	IS 1103 – Specification for Brushes, artists	20	IS 5467 - Specification for shellac wax (First Revision)
3	IS 1104 - Specification for brushes, lettering (Second Revision)	21	IS 5480 - Specification for automobile polish, paste (First Revision)
4	IS 11750 - Specification for brush fitch , flat, with long handle	22	IS 5683 - Specification for brushes, push - Sweeping (Without Handle)
5	IS 12010 - Specification for shoe polish, liquid	23	IS B6350 - Specification for shoe cream (First Revision)
6	IS 12123 - Specification for aluminium polish, liquid for aircraft	24	IS 6771 - Specification for aluminium polish, paste for aircraft
7	IS 15 - Specification for seedlac (Second Revision)	25	IS 6921 - Methods of sampling and test for lac and lac products
8	IS 17 - Specification for bleached lac (Second Revision)	26	IS 7473 - Specification for brushes, tar
9	IS 2616 - Specification for brush, (i) cleaning tank, and (ii) commode and lavatory	27	IS 7477 - Specification for brushes, harness hard
10	IS 2621 - Specification for brush, commode chutes (First Revision)	28	IS 8592 - Methods for identification of brush filling materials of animal origin
11	IS 2622 - Specification for brush, banister (Hand Sweeping), single (Second Revision)	29	IS 9276 - Specification for brushes, horse
12	IS 2701 - Specification for brush, carriage washing (Without Handle) (Second Revision)	30	IS 9518 - Specification for automobile polish, liquid, containing silicone
13	IS 2978 - Specification for by - Products of lac (First Revision)	31	IS 6350 - Specification for shoe cream (First Revision)
14	IS 3015 - Specification for brush, scrubbing (First Revision)	32	IS 4517 - Specification for Brush, Welder's
15	IS 3451 : Part 1 - Code of practice for care and maintenance of brushes: Part 1 pan set brushes (First Revision)	33	IS 4580 - Specification for brushes, shaving (First Revision)
16	IS 3451 : Part 2 - Code of practice for care and maintenance of brushes: Part 2 brushes other than pan - Set brushes	34	IS 4779 - Specification for leather sole and edge wax polishes (First Revision)
17	IS 4208 - Specification for brush, stencil (Second Revision)	35	IS 4908 - Glossary of terms used in lac industry
18	IS 4301 - Brushes, foundry, flat - Specification (First Revision)	36	IS 5060 - Glossary of terms used in brushware industry

The Committee Members can download soft copy of any of the Indian Standards from BIS website (free of cost) or request to the Member Secretary for providing the same.

Item 7 PENDING WORK**7.1 IS 3387: 2004 Toothbrush – Specification (Second revision)**

The Committee requested Dr Manas Vyas, Colgate-Palmolive India Ltd and Shri Sojan Varghese, HUL to review this Standard, IS 3387 and provide inputs, if any for its revision within 1 month timeframe.

7.2 IS 3009: 2002 Brushes, Shoe Polishing – Specification (Third revision).

The Committee considered the information given in Item 7.2 of the Agenda. The Committee agreed to refer to cow/buffalo tail hair, PP filament and bristles as Type 1, 2, and 3 respectively (instead of grades), in clause 4 of the standard. The Committee further agreed to incorporate tender sample clause in the standard. The same condition of tender sample as mentioned in IS 384, 486, 487 may be duly incorporated since quality of bristles/cow/buffalo-tail hair being natural product varies from place to place and animal to animal and the same can only be tested during practical use when tender samples are submitted. The Committee agreed with the inputs provided by Shri Vineet Choudhary that the thickness of PP filaments to be used in the polishing brush must be 0.12 mm and in case of PET filaments, the thickness must be 0.18 mm. The committee also agreed to add buffalo tail hair along with cow tail hair wherever it appears in the Standard. Accordingly, the committee requested the Member Secretary to prepare a draft document incorporating these inputs and send it for wide circulation for two months. If no comments are received, then the document is to be directly processed for printing. If comments are received, the same would be taken up with the Chairman for further course of action.

7.3 IS 3008: 2012 Brushes, shoe blacking – specification (Fourth revision)

The Committee considered the information given in Item 7.3 of the Agenda. The Committee agreed to incorporate tender sample clause in the standard. The same condition of tender sample as mentioned in IS 384, 486, 487 may be duly incorporated since quality of bristles/cow/buffalo-tail hair being natural product varies from place to place and animal to animal and the same can only be tested during practical use when tender samples are submitted. Accordingly, the committee requested the Member Secretary to prepare a draft amendment in this regard and send it for wide circulation for two months. If no comments are received, then the draft amendment to be directly processed for printing. If comments are received, the same would be taken up with the Chairman for further course of action.

Item 8 NEW SUBJECTS**8.1 Two in One Brush for Shoe Polishing**

The Committee requested Shri Vineet Choudhary to provide a working draft prescribing all requirements for “two-in-one brush for shoe polishing within 2 months time frame.

8.2 Brushes for Cosmetic Use

The Committee requested Shri Vineet Choudhary to provide a working draft prescribing all requirements for Brushes for Cosmetic Use within 2 months time frame.

8.3 Biodegradable Shoe Polish

Dr S N Jaisankar, CLRI suggested a new work item proposal to the Committee on Biodegradable Shoe Polish. The Committee requested the alert panel P1 to prepare a working document on the same within 2 months timeframe. The Committee agreed that considerable assistance can be drawn from IS 1746 & IS 12010 for preparing the draft document. The committee also suggested exploring the possibility of using lac dye in the formulations.

ITEM 9 DEVELOPMENT OF STRATEGIC ROAD MAP OF SECTIONAL COMMITTEES

The Committee **NOTED** the information given in **Item 9 of the Agenda**.

Item 10 RECOGNITION OF CONTRIBUTIONS OF TECHNICAL COMMITTEES & ITS MEMBERS

The Committee **NOTED** the information given in **Item 10 of the Agenda**.

Item 11 DATE AND PLACE FOR THE NEXT MEETING

The Committee **DECIDED** to hold the next meeting of CHD 23 within 3 months preferably at **New Delhi** in consultation with the Chairman.

Items 12 & 13 ANY OTHER BUSINESS & VOTES OF THANKS

The Chairman proposed new subjects to be taken up for Standardization by this committee:

- Dewaxed and decolorized lac
- Buttonlac
- Isoambrettolide lac

The working documents on these subjects will be prepared by IINRG in coordination with SHEFEXIL and to be sent to the Member Secretary within 2 months timeframe.

The Chairman also proposed that appreciation letters may be sent to all the participating members and certificate of excellence award may be specific to few members who actively contribute in the standardization activities of CHD 23.

Since benzene & toluene are carcinogenic, the Committee requested the members to explore the possibility of incorporating an alternative solvent in the Standards for brushes.

Since there was no other business, the meeting ended with the Chairman giving a hearty vote of thanks to all the members present. He requested the Members to ensure better participation in the next committee meeting.