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## BUREAU OF INDIAN STANDARDS

**DRAFT RESOLUTIONS**

**PAINTS, VARNISHES, AND RELATED 30th MEETING**

**PRODUCTS SECTIONAL COMMITTEE, CHD 20**

**DATE & TIME:** 30th August 2024, Friday, 10: 30AM

**MODE:** Physical Mode

**VENUE:** Eastern Regional Office Laboratory, BIS, Kankurgachi, Kolkata-700054.

**E-mail:** [chd20@bis.org.in](mailto:chd20@bis.org.in)

**CHAIRPERSON:** Dr. P A Mahanwar, Vice Chancellor of the Punyashlok Ahilyadevi Holkar Solapur University, Solapur

**MEMBER SECRETARY:** Mr. Pushpendra Kumar, Scientist -C/Deputy Director, BIS

Descriptions:

These are the resolutions of the 30th Meeting of CHD 20 “Paints, Varnishes, and Related Products” (hybrid in Kolkata)

**Member Present:**

Members joined via online mode:

1. Dr. S. Parida, IIT Bombay
2. Mr. Vijay Joshi, ISSPA
3. Mr. Kamal Prakash Singh, RDSO Lucknow
4. Dr. Rajiv Jha, Consumer Voice
5. Dr. Brij Mohan Singh Bisht, National Test House, Kolkata
6. Ms M Annabackiam, MSME Department
7. Mr. Mohan Singh Chauhan, Sriram Institute
8. Mr. Rajes Bardia, Asian Paints
9. Mr. Bhaskar Kumar Mukhopadhyay, Consumer Voice
10. Mr. Vijay Dagli, ISSPA
11. Mr. Sanatan Hajra, Akzo Nobel India
12. Mr. Sushil Oraon, SCI

Members joined via offline mode:

1. Dr. P. A. Mahanwar, ICT Mumbai
2. Mr. Pushpendra Kumar, BIS Secretariat
3. Dr. Buddhadeb Duari, SSPC India Chapter
4. Mr. Kaushik Duari, SSPC India Chapter
5. Mr. P. K. Bala, RDSO, Lucknow
6. Mr. B. Panja, Metachem Paints and Adhesives
7. Mr. Saumitra Kumar Baksi, Berger Paints India
8. Mr. Swagata Chakraborty, Berger Paints India
9. Mr. Biman Ghosh, Berger Paints India
10. Mr. Manoj Somani, Kansai Nerolac Paints
11. Dr. Deepak Pinjari, ICT Mumbai
12. Dr. Sunil Kumar Saha, In Personal Capacity
13. Dr. B. P. Mallik, In Personal Capacity

**Resolution 1**

**Subject: Committee composition**

The Committee agreed to approach EIL for fresh nomination since their earlier representative has retired from service.

The committee decided to continue with the existing working group panels with minor modifications in the compositions and terms of reference of respective panels. Additionally, it was decided to construct a new panel dedicated for activities at ISO.

**Approved unanimously**

**Resolution 2**

**Subject:**  **Progressing revision of IS 1303:1983 “Glossary of terms relating to Paints” and 6667:1972 “Glossary of terms used in synthetic resin Industry” from WC to Printing**

The Committee ratified the decision of sending the finalized draft of IS 1303 for printing after taking approval of the Chairperson

**Approved unanimously**

**Resolution 3**

**Subject:**  **Progressing revision of IS 524 “Varnish Finishing and General Purpose – Specification” from WC to Printing**

The Committee approved the prepared finalized draft of revision of IS 524 for sending in printing after making corrections as per meeting discussions.

**Approved unanimously**

**Resolution 4**

**Subject:**  **Progressing adoption of new Standard as IS 101 (Part 11) series “Evaluation of degradation of coatings- designation of quantity and size of defects, and of intensity of uniform changes in appearance” from WC to Printing**

The Committee ratified the decision of sending the finalized drafts of IS 101 (Part 11) series for printing after taking approval of the Chairperson

**Approved unanimously**

**Resolution 5**

**Subject:**  **Progressing revision of IS 2932: 2013 “Enamel, synthetic, exterior: (a) Undercoating (b) Finishing – Specification” sending into wide circulation**

Following the comprehensive discussions, the committee approved the drafts prepared by merging of all the Indian Standards on enamels under a common standard for Air-drying enamels titled as “Air drying Enamel Paint for Architectural and Industrial Applications- Specification”. The revision draft of IS 2932 will be prepared in line with the meeting discussion and send for wide circulation stage for a period of 2 months to seek public comments.

**Approved unanimously**

**Subject:**  **Progressing revision of IS 6125 : 2017 “Enamel, synthetic, stoving, for automobiles – Specification” sending into wide circulation**

Following the comprehensive discussions, the committee approved the drafts prepared by merging of all the Indian Standards on enamels under a common standard for Stoving enamels titled as “Stoving Enamel Paint for General Industrial Applications — Specification”. The revision draft of IS 6125 will be prepared in line with the meeting discussion and send for wide circulation stage for a period of 2 months to seek public comments.

**Approved unanimously**

**Resolution 6**

**Subject: Progressing revision of IS 13213, IS 13238, IS 13798 and IS 13799 for Water Based PU Paint System sending into wide circulation**

Following the comprehensive discussions, the committee decided to prepare standards for water-based Polyurethane coatings separately and revise the current standards on solvent based Polyurethane coating as IS 13213, IS 13238, IS 13798 and IS 13799. The revision draft of the solvent-based Indian standards will be prepared in line with the subsequent discussions and send for wide circulation stage for a period of 2 months to seek public comments.

The water-based Indian standards for Polyurethane standards will be finalized by the next Committee meeting and then will be sent for wide circulation for a period of 2 months to seek public comments.

**Approved unanimously**

**Resolution 7**

**Subject: Revision of IS 16943 “Two components high build epoxy micaceous iron oxide (MIO) pigmented intermediate coat – Specification”**

Following the comprehensive discussions, the committee approved the drafts prepared by merging of the two Indian Standards on high build epoxy with MIO and TiO2 pigmented intermediate coat under a common standard. The revision draft of IS 16943 will be prepared in line with the meeting discussion and send for wide circulation stage for a period of 2 months to seek public comments.

**Approved unanimously**

**Resolution 8**

**Subject: New Indian Standard for Thermoplastic Road Marking Paint**

The committee has approved the draft provided by the working panel and has decided to prepare a preliminary draft (P-draft) to gather comments from committee members for further updates.

**Approved unanimously**

**Resolution 9**

**Subject: Revision of IS 16361 : 2015 “Thermoplastic polymer based coatings: (A) undercoating (B) finishing – Specification”**

Following the comprehensive discussions, the committee decided to construct a new working panel to review the standard and the panel will provide their recommendations in the next committee meeting.

**Approved unanimously**

**Resolution 10**

**Subject: Revision of IS 17072 : 2019 “Non plastic biodegradable polymer-based paper coating”**

Following the comprehensive discussions, the committee decided to construct a new working panel to review the standard and the panel will provide their recommendations in the next committee meeting.

**Approved unanimously**

**Resolution 11**

**Subject: Revision of IS 101 (Part 4/Sec 1): 1988 “Methods Of Sampling And Test For Paints, Varnishes And Related Products: Part 4 Optical Test: Sec 1 Opacity”**

The committee has approved the revised draft provided by the working panel. The revision draft of IS 101 (Part 4/Sec 1) will be prepared in line with the meeting discussion and send for wide circulation stage for a period of 2 months to seek public comments.

**Approved unanimously**

**Resolution 12**

**Subject: Revision of IS 101 (Part 4/Sec 3) : 1988 “Methods Of Sampling And Test For Paints, Varnishes And Related Products: Part 4 Optical Tests: Sec 3 Light Fastness Test”**

The committee has approved the revised draft provided by the working panel. The revision draft of IS 101 (Part 4/Sec 3) will be prepared in line with the meeting discussion and send for wide circulation stage for a period of 2 months to seek public comments.

**Approved unanimously**

**Resolution 13**

**Subject: Revision of IS 101 (Part 5/Sec 1) : 1988 “Methods Of Sampling And Test For Paints, Varnishes And Related Products: Part 5 Mechanical Test On Paint Films: Sec 1 Hardness Tests”**

The committee has approved the revised draft provided by the working panel. The revision draft of IS 101 (Part 5/Sec 1) will be prepared in line with the meeting discussion and send for wide circulation stage for a period of 2 months to seek public comments.

**Approved unanimously**

**Resolution 14**

**Subject: Revision of IS 101 (Part 1/Sec 7) : 2020 Methods of Sampling and Test For Paints, Varnishes and Related Products : Part 1 Test On Liquid Paints (General And Physical) : Sec 7 Mass Per 10 Litres - Determination Of Density - Pycnometer Method”**

The committee has approved the revised draft provided by the working panel to be sent for wide circulation stage for a period of 2 months to seek public comments.

**Approved unanimously**

**Resolution 15**

**Subject: R&D Project To study the safety and performance parameters of Fluororesin coatings and To study the safety and performance parameters of Polysiloxane coatings**

The committee members were requested to provide nomination after which the selected members will be appointed as Research Evaluation Committee (REC) to carry out the project. Further two committee members were identified for the scrutiny process.

**Approved unanimously**