



Bureau of Indian Standards
The National Standards Body of India

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MINUTES **32nd MEETING**

PRINTING INKS, STATIONERY AND ALLIED PRODUCTS SECTIONAL COMMITTEE, CHD 14

11 AM, THURSDAY, 12th SEPTEMBER 2024

Green Room, BIS HQs, New Delhi

Chairman : Shri Subir Kumar Mandal, Govt Printing, Govt. of West Bengal

Member Secretary : Shri Sagar Singh, Member Secretary, BIS

MEMBERS PRESENT:

1. Shri Subir Kumar Mandal, Govt Printing, Govt. of West Bengal
2. Shri Rakesh Sukul, GISO Kolkata
3. Shri Bishamber Dhar, GISO Kolkata
4. Shri P P Sanyal, AIPPF
5. Dr Ashish K Bhattacharya, NCL Pune
6. Shri Shivram Angne, AIPIMA
7. Dr Kamakshi Christopher, DIC India Ltd
8. Shri Vivek Tiwari, DIC India Ltd
9. Shri Vijay Shankar Gupta, Sakata Inx India Pvt Ltd
10. Dr Prashant K, Sakata Inx India Pvt Ltd
11. Shri Vivek Rastogi, Toyo Ink India
12. Shri Sanjeev Kumar, Toyo Ink India
13. Dr Hari Om Sharma, Hubergroup India
14. Shri Dinesh Ahuja, Flint Group India
15. Shri Kamlesh, Flint Group India
16. Shri Equerar Ahmad, Survey of India Western Printing Group
17. Shri Umesh Bhende, Siegwerk Inks
18. Ms Benita Paul, Siegwerk Inks
19. Shri Shankhya Debnath, RIPT
20. Shri Buddh Prakash, National Test House (NTH)
21. Dr Rajiv Jha, Consumer Voice
22. Shri Ankit Madan, Konica Minolta
23. Dr Saakshy Agarwal, Kumarappa Handmade Paper
24. Shri R Y Kamat, Hi-Tech Inks Pvt Ltd
25. Shri Vipin Chaudhry, Hi-Tech Inks Pvt Ltd
26. Shri Anup Pal, Times Group
27. Shri Bidhan Das, Indian Institute of Packaging
28. Shri Harjinder Singh, AIFMP
29. Ms Richa Kundra, National Test House (NTH)
30. Ms Soundarya, National Institute of Occupational Health
31. Shri Mustafa Kapadia

Item 0 WELCOME AND INTRODUCTORY REMARKS

0.1 Welcome by BIS

Shri Sagar Singh, Member Secretary, BIS extended a hearty welcome to the Chairman and all members present in the meeting and requested them to participate actively in the meeting to have a fruitful discussion. He requested the members to resolve the technical issues amicably and professionally. He pointed out that every Indian Standard has to be reviewed/reaffirmed within a period of 5 years of its last publication/reaffirmation and it is the prerogative of BIS to review all Standards particularly those which are under mandatory certification or comes under regulation of any other regulatory body such as FSSAI. Since revision of Standard is a lengthy process and may take 1.5 to 2 years so usually the review process starts after 2-3 years of publication/reaffirmation of the Standard. Sometimes, it can start even after 1 year of publication if it is realized that the review process will take a longer time. The complete review process including revision of the Standard must be completed before 5 years of publication/reaffirmation. He stressed on involvement of all stakeholders including the MSME in the BIS Standardization process.

0.2 Opening remarks by the Chairman

Shri Subir Kumar Mandal welcomed all the members for participating in the meeting and requested them to expedite the completion of the pending work items so that further progress could be made. He suggested strengthening the composition of the Committee. He emphasized that a balance needs to be maintained between three conditions - Environmental, Economy and Awareness. Further, he was of the opinion that the Committee needs to take up crucial issues like Printing Inks used in Newspapers through Panel P1 and requested the concerned Convener of Panel P1 to conduct its panel meeting soon in consultation with the Member Secretary. Also, he requested the Convener of Panel P2 to conduct its panel meeting in the near future.

Item 1 CONFIRMATION OF MINUTES OF THE 31st MEETING OF CHD 14

Since there was no comment on the Minutes of the 31st Meeting of CHD 14 held on 19th March 2024, the Committee **CONFIRMED** the Minutes as circulated.

Item 2 COMPOSITION OF SECTIONAL COMMITTEE CHD 14

2.1 The Committee reviewed the composition of the Committee and requested the Member Secretary to update the same accordingly.

2.2 In case a member is not able to attend a meeting, prior intimation of this is necessary to be given to the Member Secretary. However, a member cannot abstain from attending two consecutive meetings of the Sectional Committee, and must attend at least 50% meetings of the Sectional Committee held in a year. Failure to attend two consecutive meetings of the Sectional Committee and at least 50% meetings of the Sectional Committee held in a year, shall attract termination of the membership of the Sectional Committee.

Item 3 SCOPE AND ACTIVITIES OF SECTIONAL COMMITTEE CHD 14

3.1 The Committee **NOTED** the present activities of work related to standardization activities in the field of Printing Inks, Stationery and Allied Products as given in Annex II of the Agenda.

3.2 Alert Panels for incorporating environmental and safety parameters in standards

The Committee reviewed item 3.2 of the agenda and decided the new composition of two alert panels, Panel P1 for Printing and Packaging Inks, Panel P2 for Stationery Items as follows:

Composition of Alert Panel P1:

1. **Shri Partha Sanyal, All India Print-Tech Professional Forum – Kolkata - Convener**
2. Dr Hari Om Sharma, Hubergroup India
3. Shri Vijay Shankar Gupta, Sakata Inks (India) Ltd, New Delhi
4. Representative from DIC India Limited
5. Representative from Siegwerk Inks, Bhiwadi
6. Shri R Sridharan
7. Shri Kamlesh Ganatra, Flint Group
8. Representative from Yansefu Inks
9. Representative from Toyo Inks
10. Shri Ravindra Gandhi, Bombay Wellprint Inks Pvt Ltd
11. Shri R Y Kamat, Hi-Tech Inks Pvt Ltd
12. Dr B Ravi Chandran, National Institute of Occupational Health
13. Shri Anup Pal, Times Group

Shri Partha Sanyal, Convener agreed to hold the next meeting of Panel P1 in consultation with BIS Sectt in the second half of October 2024.

Composition of Alert Panel P2:

1. **Shri Rakesh Sukul, GISO Kolkata - Convener**
2. Shri Harjinder Singh, AIFMP
3. Shri Equerar Ahmad, Survey of India, Western Printing Group, New Delhi
4. Shri Mukesh Gupta, Whale Stationery Products Ltd, Delhi
5. Shri Pankaj Gupta, CSIR-NISCAIR New Delhi
6. Dr. Manmohan Kumar, SHRIRAM Institute, Delhi
7. Shri Prakash S. Gajinkar, Kokuyo Camlin Limited , Mumbai
8. Dr Saakshy Agarwal, Kumarappa Handmade Paper
9. Shri Birendra Gupta, B Dayal Stationery Pvt Ltd
10. Dr B Ravi Chandran, National Institute of Occupational Health

Shri Rakesh Sukul, Convener agreed to hold the next meeting of Panel P2 in consultation with BIS Sectt in the first half of October 2024.

Item 4 REVISION OF STANDARDS

4.1 DOCUMENTS TO BE SENT FOR WIDE CIRCULATION

The Committee decided to send these documents for Wide Circulation for a period of 2 months to receive inputs 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.

SI No.	Title	IS No.
1)	Ink, Ball Point Pen Refill — Specification	IS 5805
2)	Web Offset Ink, Black — Specification	IS 14163
3)	Letterpress halftone ink, black — Specification	IS 7771
4)	Water Colours for Students — Specification	IS 8100
5)	Poster Colours — Specification	IS 8101
6)	Ink, Numbering — Specification	IS 11259
7)	Commercial Stationery Forms/Books — Specification	IS 12780
8)	Shorthand Notebooks — Specification	IS 12810

4.2 DOCUMENTS TO BE SENT FOR PRINTING

The Committee decided to send these documents for Printing.

SI. No.	TITLE OF THE STANDARD	IS NO.
1)	Water Based Recorder Inks — Specification	IS 8277
2)	Stencil Paper — Specification	IS 5086
3)	One Time Carbon Paper — Specification	IS 9055
4)	Refill, Ball Point Pen — Specification	IS 3707
5)	Rotary Letterpress Newsprint Ink, Black — Specification	IS 8744

4.3 PUBLISHED INDIAN STANDARDS

The Committee noted Item 4.3 of the agenda.

Item 5 RECENT INITIATIVES IN STANDARD FORMULATION ACTIVITY

5.1 Collection of Standards

The committee noted Item 5.1 of the Agenda.

5.2 Thrust Areas

The committee noted Item 5.2 of the Agenda.

Item 6 COMMENTS ON PUBLISHED INDIAN STANDARDS

6.1 IS 15495 Printing Inks for Food Packaging

The Committee deliberated in detail on item 6.1 of the agenda with regard to the Review of Indian Standard, IS 15495:2020 Printing Inks for Food Packaging and discussed the viewpoints of all the members present

physically as well as virtually, particularly on the ban of Toluene and the related issues. The Committee once again requested the members to provide data with regard to the toxicity/food poisoning/carcinogenic effects of Toluene on consumers within a timeframe of 1 month. Most of the members agreed to have switched from Toluene to its alternatives such as ethanol, ethylacetate, n-propylacetate etc. However, they are still using Toluene as a solvent for Printing Inks for non-food packaging despite knowing all ill-effects of Toluene which is really worrisome.

The Committee stressed that more MSME members need to be added in the Committee/Panel in order to have balanced representation of all stakeholders involved and requested AIPIMA to provide contact details of such MSME members to BIS Sectt within 15 days so that these can be co-opted in the Committee/Panel for their active involvement in BIS Standardization process.

The Committee further decided that the data and inputs to be received from the members to be taken up for deliberation in its next Committee meeting as and when scheduled by BIS Sectt so that pragmatic solution to the issue may be concluded that is conducive to industry as a whole including the MSME.

6.2 The Committee deliberated on item 6.2 of the agenda and requested the members to provide their inputs and comments on the working document on 'ENVIRONMENT-FRIENDLY PRINTING INKS FOR FOOD PACKAGING' to the Member Secretary within 1 month time frame so that it can be finalized for wide circulation without any further delay.

Item 7 NEW SUBJECTS FOR STANDARD FORMULATION

7.1 Magnetic Ink for Magnetic Ink Character Recognition

The Committee noted item 7.1 of the agenda and requested all the committee members to provide their comments/inputs on the working draft document within 1 month timeframe.

Item 8 DATE AND PLACE FOR THE NEXT MEETING

The Committee decided to hold the next meeting of CHD 14 within 3 months preferably in New Delhi or Mumbai.

Item 9 ANY OTHER BUSINESS

The Committee decided to constitute a small research/working group consisting of the following members:

1. Shri Subir Kumar Mandal, Chairman
2. Shri Sagar Singh, BIS Member Secretary
3. Ms Benita Paul, Siegwerk India
4. Ms Kamakshi Christopher, DIC India
5. Shri Dinesh Ahuja, Flint group India
6. Shri Hari Om Sharma, Hubergroup India
7. Dr. Asish K. Bhattacharya, NCL Pune

This working group is entrusted with the roles and responsibilities of the tasks including but not limited to:

1. Development of Indian Standard on Printing Inks for overall Packaging – Food & Non-Food Packaging
2. Development of Indian Standard on Personal care & hygiene products

3. Development of Indian Standard on baby care products

This working group will also participate in the international activities/events pertaining to Printing Inks & Packaging including but not limited to INTERPACK, DRUPA, FESPA Global Print Expo, The Print Show, Viscom Italia, ALL4PACK, Packaging Innovations & Empack etc.

Item 10 VOTE OF THANKS

The meeting ended with the Chairman giving a hearty vote of thanks to all the members present. He suggested that workshops/Seminars/Conferences may be conducted by members of the committee preferably in next 1-2 months in coordination with BIS and users group which would be a kind of knowledge sharing session and would be immensely helpful to the industry especially MSME.