***34th meeting of CHD 15***

***23rd October 2024 in Physical mode***

***Draft Resolutions adopted during the meeting***

**Resolution 1**

***BIS/CHD15 34th meeting, Resolution 1,*** *approves the minutes of the 33rd meeting of CHD 15 held on 25th July 2024*.

**Resolution 2**

***BIS/CHD15 34th meeting, Resolution 2,*** *appoints Dr. Saakshy (KNHPI) and Mr Devesh Kumar Singhal (M/s Chandpur Enterprises) as members of resolution drafting committee.*

**Resolution 3**

***BIS/CHD15 34th meeting, Resolution 3,*** *considers the minutes of the first meeting of Working Group for reviewing Title, Scope and PoW of CHD 15 & CHD 16 and recommends CHDC:*

1. *To change the title of Committee of the Committee to ‘Paper and Paper products Sectional Committee’;*
2. *To Modify the scope of committee as given below:*
3. *To formulate Indian Standards for:*

* *Terminology, methods of sampling and test, codes of practice and specifications for pulp, paper, paperboard, raw materials thereof, cellulosic and non-cellulosic products, including nanomaterials, lignin, etc.;*
* *Paper sizes and grammage, sizes of periodicals and paper stationery materials.*
* *Excluding paper-based packaging materials*

1. *To coordinate with the work of ISO/TC 6.*
2. *To transfer the following Indian Standards from CHD 16 to CHD 15 considering their relevance to the committee:*

|  |  |  |
| --- | --- | --- |
| ***Sl. No.*** | ***IS Number*** | ***Title*** |
|  | *IS 1763:2024* | *Substances of paper and pulp board – Specification* |
|  | *IS 2991:1988* | *Specification for base paper for waxed paper* |
|  | *IS 4645:2024* | *Storage of paper and Board – Code of Practice* |
|  | *IS 4661 (Part 1): 2022* | *Paper, board, pulps and related terms vocabulary Part 1: Alphabetical index* |
|  | *IS 4661 (Part 2): 2022* | *Paper, board, pulps and related terms vocabulary Part 2: Pulping Terminology* |
|  | *IS 4661 (Part 3): 2022* | *Paper, board, pulps and related terms vocabulary Part 3: Paper Making Terminology* |
|  | *IS 4661 (Part 4): 2022* | *Paper, board, pulps and related terms vocabulary Part 4: Paper and Board grades and converted products* |
|  | *IS 4661 (Part 5): 2022* | *Paper, board, pulps and related terms vocabulary Part 5: Properties of pulp paper and board* |

*The committee also thanks the Working Group for the inputs and decides to disband it.*

**Resolution 4**

***BIS/CHD15 34th meeting, Resolution 4,*** *decides the following:*

1. *Dr Ashish Kumar, Director CPPRI and Chairperson CHD 15 shall be the convenor of Search Panel.*
2. *To send letter of willingness to RITES, Northen Office and All India Federation of Master Printers (AIFMP) seeking their interest to contribute on CHD 15.*
3. *To drop the proposal relating to co-option of NABL in CHD 15, as despite repeated follow-ups via email and over phone, no response has been received.*
4. *To send a follow-up letter to Department of Post for nominations.*

**Resolution 5**

***BIS/CHD15 34th meeting, Resolution 6,*** *acknowledges receipt of revised nominations and attendance of the principal and alternate members from NCERT in the meeting. Further, also acknowledges attendance of nominated representatives of the following organizations which did not attend 33rd meeting:*

1. ***Federation of Paper Converters of India***
2. ***Government of India Stationery Office, Kolkata***
3. ***Gujarat Paper Mills Association, Vapi***
4. ***Indian Institute of Packaging, New Delhi***

*Additionally, the committee decides to send letters seeking support and participation from the following organizations as their nominated members failed to attend 34th meeting:*

1. ***Directorate General of Quality Assurance, Ministry of Defence, Kanpur***
2. ***Indian Institute of Technology Roorkee, Roorkee***
3. ***Seshasayee Paper and Boards Limited, Erode***
4. ***Shree Mangal (Trade) Enterprises***

**Resolution 6**

***BIS/CHD15 34th meeting, Resolution 6,*** *accepts the changes in nominations from Federation of Paper Traders Association of India, Mumbai & NCERT on the committee.*

**Resolution 7**

***BIS/CHD15 34th meeting, Resolution 7,*** *finalizes the following documents for publication:*

1. ***CHD 15 (25971)*** *[Revision of IS 1060 (Part 4/Sec 11): 2014 Methods of Sampling and Test for Paper and Allied Products Part 8 Methods of Test for Paper, Board, Pulps and Cellulose Nanomaterials Section 3 Determination of Acid-Soluble Magnesium, Calcium, Manganese, Iron, Copper, Sodium and Potassium] –* ***IS 6213 (Part 12, 13, 14 and 15] shall be retained as it and will not be superseded by this standard.***
2. ***CHD 15 (26254) & CHD 15 (26256)*** *[Revision of 6213 (Part 21):2019 Methods of test for pulp: Part 21 paper, board and pulps - Determination of dry matter content - Oven - Drying method]*
3. ***CHD 15 (26278)*** *[Revision of IS 1060 (Part 7/Sec 1): 2014 Methods of sampling and test for paper and allied products: Part 7 methods of test for board: Sec 1 determination of bursting strength of board]*
4. ***CHD 15 (26279)*** *[Revision of IS 6213 (Part 10): 2014 Methods of test for pulp: Part 10 determination of kappa number (First Revision), with the correction in Hindi title]*
5. ***CHD 15 (22887)*** *[Revision of IS 1060 (Part 4/ Sec 1):2014 Methods of sampling and test for paper and allied products: Part 4 methods of test for paper, board and pulp: Sec 1 standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples] with the modifications agreed to in the foreword during the meeting*
6. ***CHD 15 (25952)*** *[Revision of IS 1060 (Part 4/ Sec 2): 2018 ‘Methods of sampling and test for paper and allied products: Part 4 Methods of test for paper, board and pulp: Sec 2 Determination of residue (ash) on ignition at 525 oC’]*
7. ***CHD 15 (25962)*** *[Revision of IS 1060 (Part 4/ Sec 3): 2018 Methods of sampling and test for paper and allied products: Part 4 Methods of test for paper, board and pulp: Sec 2 Determination of residue (ash) on ignition at 900 oC’]*

**Resolution 8**

***BIS/CHD15 34th meeting, Resolution 8,*** *notes that the following documents have been issued into Wide circulation for 2 months under priority II:*

1. ***CHD 15 (26790)*** *[ISO 12625-3:2014 Tissue paper and tissue products — Part 3: Determination of thickness, bulking thickness and apparent bulk density and bulk]*
2. ***CHD 15 (26791)*** *[ISO 12625-4:2022 Tissue paper and tissue products — Part 4: Determination of tensile strength, stretch at maximum force and tensile energy absorption]*
3. ***CHD 15 (26792)*** *[ISO 12625-5 (FDIS) Tissue paper and tissue products — Part 5: Determination of wet tensile strength]*
4. ***CHD 15 (26793)*** *[ISO 12625-6:2016 Tissue paper and tissue products — Part 6: Determination of grammage]*
5. ***CHD 15 (26794)*** *[ISO 12625-7:2021 Tissue paper and tissue products — Part 7: Determination of optical properties — Measurement of brightness and colour with D65/10° (outdoor daylight)]*
6. ***CHD 15 (26795)*** *[ISO 12625-8:2010 Tissue paper and tissue products — Part 8: Water-absorption time and water-absorption capacity, basket-immersion test method]*
7. ***CHD 15 (26797)*** *[ISO 12625-17:2021 Tissue paper and tissue products — Part 17: Determination of disintegration in water]*

*Further, the committee advises BIS Secretariat to issue ISO 12625-1:2019 Tissue Paper and Tissue Products Part 1: Vocabulary under wide circulation as decided in previous meeting.*

**Resolution 9**

***BIS/CHD15 34th meeting, Resolution 9,*** *decides to circulate the following documents as P-draft to committee members for a period of 21 days:*

1. ***IS 14661:1999, Toilet Paper — Specification***
2. ***IS 1064:1980, Specification for paper (Second Revision)***
3. ***IS 14619: 1998, Release base paper - Specification***

*Technical comments received, if any, will be taken up in the next meeting. In case of no technical comments or comments of editorial nature the documents shall be issued into Wide circulation for a period of 2 months under priority II.*

**Resolution 10**

***BIS/CHD15 34th meeting, Resolution 10****, rejects the comments except the one given below on IS 12766:2023 'Computer Paper — Specification' received comment from BIS Maduri Branch Office, based on the Manak Manthan*

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| --- | --- | --- | --- |
| *1.* | *4.7, Table 1* | *Conversion for Tensile Index to breaking length is 0.009* | *To be changes as 0.0098* |

*Additionally, the committee decided to issue a draft amendment to IS 12766:2033 for above correction. Technical comments received, if any, will be taken up in the next meeting. In case of no technical comments or comments of editorial nature the documents shall be issued into Wide circulation for a period of 2 months under priority II.*

**Resolution 11**

***BIS/CHD15 34th meeting, Resolution 11,*** *decides to allocate the given NWIPs to the following members for providing working draft for formulation of Indian Standards within a one-month timeframe:*

1. ***Coated paper for sublimation printing (paper sublimation coating)*** *— Mr. Devesh Kumar Singhal from Chandpur Enterprises Limited, Chandpur*
2. ***Release liner & label base*** *— Mr. Deepak Kumar Sharma from Ballarpur Industries Limited, New Delhi*
3. ***Absorbent paper laminates (Electrical/ laminates)*** *— Mr. Sanjay Kumar Yadav from Century Pulp and Paper Mills, Nainital*
4. ***Décor paper for laminates*** *— Mr. Biswaranjan Dash from IPMA*
5. ***OGR paper*** *— Mr. Biswaranjan Dash from IPMA (will be taken up as revision of existing standard on Greaseproof paper)*
6. ***Paper for Ear bud, paper sticks*** *— Mr. Biswaranjan Dash from IPMA*
7. ***Fluff pulp*** *- Mr. Biswaranjan Dash from IPMA*

*Upon receipt of the working documents, these will be circulated as P-draft to committee members for a period of 21 days:*

*Technical comments received, if any, will be taken up in the next meeting. In case of no technical comments or comments of editorial nature the documents shall be issued into Wide circulation for a period of 2 months under priority II.*

***Resolution 12***

***BIS/CHD15 34th meeting, Resolution 12,*** *decides to establish a Working Group to review the proposals from KNHPI related to the following subjects for the development of product specifications:*

***Term of Reference –***

*To review the following NWIPs for development of Indian Standards:*

1. *Handmade paper for packaging paper*
2. *Handmade paper for envelops*
3. *Handmade paper for carry bags*
4. *Handmade paper for certificates*
5. *Handmade paper for file covers*
6. *Handmade paper for writing and printing*

***Tenure – 6 months***

***Composition:***

1. *Dr. Saakashy from KNHPI (Convenor)*
2. *Two handmade paper manufactures (contact details to be shared by Dr Saakshy)*
3. *Sanjay Tyagi form CPPRI*

**Resolution 13**

***BIS/CHD15 34th meeting, Resolution 13****, endorses the Indian position on ISO ballots submitted by BIS Secretariat, following consultation with various committee members/ panels.*

*Additionally, the committee requests members to examine the ISO ballots and provide their comments/ inputs.*

**Resolution 14**

***BIS/CHD15 34th meeting, Resolution 14,*** *finalize the following Indian delegation for participation in the ISO TC 6 and SC 2 meeting, scheduled to be held from 26th to 29th November 2024 in Beijing, China through virtual mode: .*

1. *Dr Ashish Kumar, Director, CPPRI & Chairperson CHD 15 (HoD)*
2. *Dr. Bipin Prakash Thapliyal, Indian Agro and Recycled Paper Mills Association, New Delhi*
3. *Mr. Sanjay Kumar Yadav, Century Pulp and Paper Mills, Nainital*
4. *Dr. F. Amjath Khan, Tamil Nadu Newsprint and Papers Limited, Chennai*
5. *Dr. Rajiv Jha, Consumer Voice, New Delhi*
6. *Mr. Virendra Singg, Member Secretary CHD 16*

*Additionally, the committee request experts registered on the WGs of ISO TC 6 and SC 2 to attend the relevant meetings in consultation with CHD 15.*

**Resolution 15**

***BIS/CHD15 34th meeting, Resolution 15,*** *resolves to nominate the following Indian experts on relevant projects of the given WGs of ISO TC 6 in addition to experts already nominated and advises BIS Secretariat to get the above experts registered in ISO Global Directory.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Sl. No.*** | ***Reference*** | ***Title*** | ***Type*** | ***Nominated experts*** | ***Email address*** |
| *1.* | *ISO/TC 6/WG 18* | *Environmental documents* | *WG* | *Dr. Saakshy* | [*saakshyagarwal@gmail.com*](mailto:saakshyagarwal@gmail.com) |
| *2.* | *ISO/TC 6/SC 2/WG 27* | *Tissue test methods* | *WG* | *Mr. Sanjay Kumar Yadav* | [*sanjay.ky@adityabirla.com*](mailto:sanjay.ky@adityabirla.com) |
| *3.* | *ISO/TC 6/SC 2/WG 49* | *Barrier properties* | *WG* | *Mr. Sanjay Kumar Yadav* | [*sanjay.ky@adityabirla.com*](mailto:sanjay.ky@adityabirla.com) |

**Resolution 16**

***BIS/CHD15 34th meeting, Resolution 16****,* ***requests*** *members those have been assigned to review of standards to expedite the review and provide their recommendations within one months.*

***Resolution 17***

***BIS/CHD15 34th meeting, Resolution 17****, decides to establish a Working Group to review and provide the draft documents for revision of IS 1848 (Part 1 & 2)*

***Terms of Reference:***

*To review and provide draft documents for revision of IS 1848 (Part 1 & 2)*

***Tenure:*** *6 months*

***Composition:***

1. *Dr. Dharam Dutt, IIT Roorkee (Convenor)*
2. *Dr. Sanjay Tyagi, CPPRI*
3. *Dr. Rajiv Jha, Voice*
4. *Dr. Bipin Prakash Thapliyal, Indian Agro and Recycled Paper Mills Association, New Delhi*
5. *Mr. Kanu Mehra, Gujarat Paper Mills Association, Vapi*
6. *Mr. Sanjay Kumar Yadav, Century Pulp and Paper Mills, Nainital*
7. *Mr. Deepak Kumar Sharma, Bilt*

*Upon receipt of the working documents, these will be circulated as P-draft to committee members for a period of 21 days:*

*Technical comments received, if any, will be taken up in the next meeting. In case of no technical comments or comments of editorial nature the documents shall be issued into Wide circulation for a period of 2 months under priority II.*

**Resolution 18**

***BIS/CHD15 34th meeting, Resolution 18****, requests the given members to review the following documents and provide recommendations for modifications required, if any, within 2 months:*

1. *Shri Sunil Pradhan, PAPRI*
   1. *IS 6213 (Part 12): 2013*
   2. *IS 6213 (Part 13): 2013*
   3. *IS 6213 (Part 14): 2013*
   4. *IS 6213 (Part 15): 2013*
2. *Dr. Sanjay Kumar Yadav, Century Pulp and Paper Mills, Nainital*
   1. *IS 11087: 1986*

**Resolution *19***

***BIS/CHD15 34th meeting, Resolution 19****, advises PAPRI to incorporate the modifications suggested by members in the draft report and document for the R&D project on ‘Thermal Paper’.*

*Considering that PAPRI would require to include these suggestions in the report and may require additional testing, the committee unanimously agrees to extend the period of R&D project till* ***24th November 2024*** *and recommends to issue the second installment for the R&D project.*

**Resolution 20**

***BIS/CHD15 34th meeting, Resolution 20****, decides to convert the Working Group on Eco Mark for Paper Products to ‘sustainability of products’ with the following Terms of Reference:*

***Terms of Reference:***

*To suggest product requirements for incorporation in Indian Standards to ensure sustainability of paper and paper products*

***Tenure: 6 months***

**Resolution 21**

***BIS/CHD15 34th meeting, Resolution 21,*** *nominates the following committee members for the assessment of the applicant that have applied for the post of consultant in the field of Paper:*

1. *Dr. Ashish Kumar, Director CPPRI (being the chairperson of CHD 15)*
2. *Dr B. P. Thapliyal, IARPMA*
3. *Mr. B. Dash, IPMA*

**Resolution 22**

***BIS/CHD15 34th meeting, Resolution 22,*** *decides to have the next committee meeting at IIT, Roorkee (Saharanpur campus) on 28th January 2025 as finalized earlier.*