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**BUREAU OF INDIAN STANDARDS**

**PROCEEDINGS**

**TEXTILES DIVISION COUNCIL 24th Meeting**

|  |  |  |
| --- | --- | --- |
| **Date** | **Time** | **Venue** |
| 19 April 2022  (Tuesday) | 1100 h | Dr. Lal C Verman (CISCO Web Ex)  Bureau of Indian Standards  Manak Bhavan  9 Bahadur Shah Zafar Marg  New Delhi – 110 002 |

**CHAIRMAN: Dr Arindam Basu,** Director General, Northern India Textile Research

Association, Ghaziabad

**MEMBER SECRETARY: Shri J K Gupta,** Scientist E & Head (Textiles), BIS

**PRESENT:**

1. Dr Arindam BasuDirector General, Northern India Textile Research

(Chairman)Association, Ghaziabad

1. Shri Kulveen Singh Bali3M India Limited, Bangalore
2. Shri Surendra Chaudhary All India Flat Tape Manufacturers’ Association,Delhi
3. Shri V Venugopal – do –
4. Smt. Chandrima Chatterjee Apparel Export Promotion Council, New Delhi
5. Shri Praveen Kukreja – do –
6. Shri Pabitra Sahoo Arvind Limited, Human Protection Business, Ahmedabad
7. Smt. Palak Kakkar -do-
8. Dr. Brojeswari Das Central Silk Technological Research Institute, Bangaluru
9. Dr. Prakash Bhat -do-
10. Dr. Nivedita S. -do-
11. Smt. Sumy Sebastian Central Coir Research Institute, Alleppey
12. Shri P K Mishra Central Pollution Control Board, New Delhi.
13. Shri Dhanajay Sahoo Chemical and Petrochemical Manufacturers’ Association, New

Delhi

1. Shri Suvendu Mahapatra Confederation of Indian Industries, New Delhi
2. Smt. Shweta Mandal -do-
3. Shri Anand Majaria Delta Ropes, Kolkata
4. Dr. (Prof.) A K Samanta Department of Jute and Fibre Technology, Institute of Jute

Technology, University of Calcutta

1. Dr. (Prof.) S K Ghosh– do –
2. Dr. Rohitasva Kumar Grasim Industries, Mumbai
3. Shri Anuj Kumar Shukla Directorate General of Quality Assurance (CQAT &C), Kanpur
4. Shri Amiya Kumar Mallick Directorate General of Quality Assurance, Ministry of Defence,

New Delhi

1. Col. T Rajneesh Directorate of Standardization, Ministry of Defence, New

Delhi

1. Shri Chetan Beijure Federation of Indian Chambers of Commerce & Industry,

New Delhi

1. Smt. (Dr.) Saly N Thomas ICAR – Central Institute for Fisheries Technology, Kochi
2. Smt. (Dr.) Sujata Saxena ICAR – Central Institute for Research on Cotton

Technology, Mumbai

1. Dr. P K Mandhyan – do –
2. Dr. Surajit Sengupta ICAR-NINFET, Kolkata
3. Smt. Sadhna Srivastava Indian Council of Medical Research (ICMR) , New Delhi
4. Dr. (Prof.) R Chattopadhyay Indian Institute of Technology, Delhi
5. Dr. (Prof.) Abhijit Majumdar -do-
6. Dr. Tanveer Alam Indian Institute of Packaging, Mumbai
7. Shri S K Chandra Indian Jute Mills Association, Kolkata
8. Shri Jatindra Behera -do-
9. Dr. Anil Kumar Sharma Indian Jute Industries Research Association, Kolkata
10. Shri Partha Sanyal -do-
11. Smt. Saumita Choudhury -do-
12. Shri G K Thakur Indian Sugar Mills Association, New Delhi
13. Dr. Anup Rakshit Indian Technical Textile Association, Mumbai
14. Shri Basavraj Ramanna Khadi and Village Industries Commission, Mumbai
15. Shri K.K. Kaushal NCPAH, MOA&FW, New Delhi
16. Dr. M S Parmar Northern India Textile Research Association, Ghaziabad
17. Shri Sivakumar SOffice of the Textile Commissioner, Mumbai
18. Shri S Datta Office of Jute Commissioner, Kolkata
19. Smt. (Dr.) G Thilagavathi PSG College of Technology, Coimbatore
20. Shri V Muthukumar -do-
21. Dr. A N Desai Scientific Member, SITRA Council, Coimbatore
22. Shri Arunabh Chowdhury SQAE(GS), DGQA, Kanpur
23. Dr. Raj Singh Antil The Textile Association (India), New Delhi
24. Shri Kamal Mishra -do-
25. Dr. P Ravichandran Textiles Committee, Mumbai
26. Shri R Chandran -do-
27. Dr. Manisha Mathur The Synthetic & Art Silk Mills’ Research Association, Mumbai
28. Shri Pratik Bachkaniwala Textile Machinery Manufacturers’ Association India, Mumbai
29. Shri Sachin Kumar -do-
30. Shri S Sivakumar The South India Textile Research Association, Coimbatore
31. Shri D Veerasubramanian -do-
32. Dr. Santhosh B Vikram Sarabhai Space Centre, Kerala
33. Dr. Sanjeev Kumar -do-
34. Shri M A U Khan Consumer VOICE, New Delhi

**BIS DIRECTORATE GENERAL**

1. Shri J K Gupta Member Secretary and Head, Textiles, BIS, New Delhi
2. Shri Dharmbeer Textiles Department, BIS, New Delhi
3. Shri Ashwani Kumar– do –
4. Shri Banothu Ranga – do –
5. Shri Himanshu Shukla – do –
6. Shri Mayur Katiyar – do –
7. Shri Sourabh Awasthi – do –

**Item 0 GENERAL**

**0.1** **Introductory Remarks and Welcome by Scientist G & DDG (Standardization – I), BIS**

Shri J K Gupta, Scientist E & Head (Textiles) informed that Shri J Roy Chowdhury, Scientist G & DDG (Standardization – I) could not attend the council meeting due to urgent & unforeseen official engagement. He welcomed the Chairman of TXDC, chairpersons of various Sectional Committees under TXDC and all the members of the Council to the 24th meeting of TXDC.

Shri Gupta, in his welcome address, highlighted the growth of the textile sector (including the technical textile sector) and briefed the quantum of work accomplished by TXD in the last financial year. He also briefed the council about the important standards formulated under TXDC and new initiatives taken by BIS in the standardization activity.

**0.2** **Opening Remarks by Chairman, TXDC**

The Chairman, Dr. Arindam Basu at the outset welcomed all the members and expressed his happiness over good attendance in TXDC meeting. He requested all the members to actively participate in the meeting and to provide precise inputs on agenda items to enable the council to take considered decisions. Dr. Basu also appreciated Textiles department and Chairpersons of all sectional committees and members for formulating record no. of 173 Indian Standards in the last financial year.

**Item 1 CONFIRMATION OF THE PROCEEDINGS OF THE LAST MEETING**

**1.1** The Council CONFIRMED the proceedings of the twenty third meeting of the Textiles Division Council (TXDC) held on 09 April 2021 through Cisco Webex as circulated to the members vide BIS Directorate General letter No. TXDC/A 2.23 dated 12 April 2021 without any change.

**Item 2 ACTIONS TAKEN ON THE DECISIONS OF THE LAST MEETING**

**2.1** The Council NOTED the summary of actions taken on the decisions of the last meeting of the Council as given in Annex 2 of the agenda.

**Item 3 SCOPE AND COMPOSITION OF THE TEXTILE DIVISION COUNCIL (TXDC)**

**3.1** The Council noted the present scope and composition of TXDC as given in Annex 3 of the agenda and decided as follows:

i) Arvind Mills, Ahmedabad will be represented by Shri Pavitra Sahoo as a Principal member and Smt Palak Kakkar as alternate member.

ii) Confederation of Indian Industries, New Delhi will be represented by Shri Suvendu Mahapatra as a Principal member and Smt. Shweta Mandal as alternate member.

iii) DGQA, Ministry of Defence will be represented by Shri Purushottam De as a Principal member and Shri Mahender Singh as alternate member.

iv) Shri Ritik Setia will represent FICCI, New Delhi as alternate member in place of Ms. Nisha Goel.

v) Dr Sujata Saxena will represent ICAR, CIRCOT, Mumbai as principal member in place of Dr. P G Patil.

vi) Smt Sadhana Srivastava will represent ICMR, New Delhi as principal member in place of Dr. Chander Shekhar.

vii) IJIRA, Kolkata will be represented by Dr A K Sharma as principal member and Smt. Saumita Choudhury as alternate member.

viii) Organization name of ‘National Committee on Plasticulture Applications in Horticulture’ shall be modified to ‘National Committee on Precision Agriculture and Horticulture’.

ix) NIFT, New Delhi will be represented by Dr Vandana Narang as Principal member and Dr Monika Gupta as alternate member.

x) Office of the Jute Commissioner, Kolkata will be represented by Shri Soumyadipta Dutta as principal member. Name of alternate member will be informed by Office of the Jute Commissioner, Kolkata later.

xi) Shri R Chandran will represent Textiles Committee, Mumbai as alternate member in place of Shri Ganesh P Bangar.

xii) SASMIRA, Mumbai will be represented by Dr Manisha Mathur as principal member and Smt Ashwini A Sudam as alternate member.

xiii) The Textile Association (India), Delhi will be represented by Dr R S Antil as principal member and Shri Kamal Misra as alternate member.

xiv) The council decided to co-opt Indian Technical Textile Association, Mumbai in TXDC and shall be represented by Dr Anup Rakshit as principal member and Smt Ruchita Gupta as alternate member.

**Item 4** **APPOINTMENT OF CHAIRMEN OF SECTIONAL COMMITTEES**

**4.1.** The Council REVIEWED the present list of Chairpersons of Sectional Committees as given in the agenda and the following decisions were taken:

i) The Chairman of **TXD 04** ‘Wool, Wool products & Textile Floor Coverings Sectional Committee’ is reappointed for another term of three years.

ii) The Council acknowledged the contribution of the outgoing Chairman of **TXD 18**, Dr (Smt) Saly M Thomas, ICAR-CIFT, Kochi and appointed Dr M P Remesan, Head and Principal Scientist, Fishery Technology Division, ICAR-CIFT, Kochi as the Chairman of **TXD 18** ‘Textile Materials for Marine/Fishing Purposes Sectional Committee’.

iii) The Council acknowledged the contribution of the outgoing Chairman of **TXD 33**, Dr A N Desai, Scientific Member, SITRA Council, Coimbatore and appointed Dr G. Thilagavathi, Professor & Head, Department of Textile Technology, PSG College of Technology, Coimbatore as the Chairperson of **TXD 33** ‘Industrial Fabrics Sectional Committee’.

iv) The Council placed on record, its deep appreciation for the outstanding contributions made by the outgoing Chairman of **TXD 35**, Dr U K Gangopadhyay in the formulation of standards on Agrotech. As he has retired, in his place, Dr Manisha Mathur, holding the additional charge of Executive Director, SASMIRA, Mumbai shall act as Chairperson of **TXD 35** ‘Technical Textiles for Agrotech Applications Sectional Committee’.

**Item 5 REVIEW OF CONSTITUTION OF SECTIONAL COMMITTEES**

**5.1 Reconstitution of Sectional Committees**

**5.1.1** This item was considered along with item no. 5.3 and 5.4.

The Council considered the present composition of the Sectional Committees as given in the Annex 4 of the Agenda and decided as under:

**i) Jute and Jute Products Sectional Committee, TXD 03**

*Include*:

a) University of North Bengal, West Bengal : Nominations shall be sought from them.

b) IJIRA, Kolkata shall be represented by Shri Partha Sanyal as principal member and Smt. Saumita Choudhury as alternate member.

**ii) Man-Made Fibres, Cotton and their Products Sectional Committee, TXD 31**

a) NITRA, Ghaziabad shall be represented by Shri Sanjeev Shukla as principal member and Mrs. Neha Kapil as alternate member.

**5.1.2** The council also approved the list of Co-options and withdrawls from various sectional committees as given in Annex 5 and Annex 6 respectively to the Agenda.

**5.2** The council considered the request received from TXD 40 for change in title and scope of TXD 40 and decided to modify the title and scope as under:

**‘Title : High Performance Fibres, Fibrous structure and Textile Components of Composites**

**Scope:** To formulate Indian standards for terminology, testing, code of practice and specifications for high performance fibres, fibrous structure and textile components of composites.’

**5.3 Co-options on various Sectional Committees**

Considered along with item 5.1.

**5.4 Withdrawals from various Sectional Committees**

Considered along with item 5.1.

**6 TRANSFER/ WITHDRAWAL OF INDIAN STANDARDS**

**6.1 Transfer of Indian Standards**

**6.1.1** The Council considered the recommendation on transfer of Indian standard from other technical divisions as given in Annex 7 a) to the agenda and APPROVED the transfer of IS 13959 : 1994 from PCD 12 to TXD 09.

**6.1.2** The Council considered the recommendation on transfer of Indian standard to other technical division as given in Annex 7 b) to the agenda and APPROVED the transfer of IS 5002 : 1969 from TXD 01 to MSD 03.

**6.1.3** The Council considered the recommendation on transfer of Indian standard from one sectional committee to another as given in Annex 7 c) to the agenda and APPROVED the transfer of IS 8430 : 1977, IS 8991 : 1978 & IS 11915 : 1986 from TXD 33 to TXD 37.

**6.2 Withdrawal of Standards**

On the recommendation of the Sectional Committees, the Council APPROVED the withdrawal of following standards:

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **IS No.** | **Title** |
|  | IS 2413:1978 | Specification for cotton twine (*first revision*) |
|  | IS 3193:1984 | Specification for cotton yarn for braiding for reinforcement and electric cables (*first revision*) |
|  | IS 3567:1966 | Specification for cotton yarn for covering conductors |
|  | IS 6612:1979 | Specification for unteased white cotton waste (*first revision*) |
|  | IS 7851:1975 | Specification for wash and wear requirements of cotton fabrics |
|  | IS 9336:1979 | Specification for cotton yarn for underground cables |
|  | IS 10100:1982  (Bilingual) | Specification for shrink-resistance (or pre-shrunk) requirements of woven fabrics (BI-LINGUAL) |
|  | IS 11195:1985 | Specification for blend compositions of textiles |
|  | IS 15760 : Part 3 : 2007 | Textiles machinery and accessories – Main dimensions of flat steel healds with open end loops Part 3 Carrying rods for healds with C- and J- shaped end loops |
|  | IS 8547 : 1977 | Recommendations on shape and dimensions of single box picker for automatic looms |
|  | IS 13362 : 1992 | Textiles - Asbestos yarn - Specification |
|  | IS16371:2015 | Textiles - Light Weight Jute Sacking Bags (600 g) for Packing 50 kg Food-grains |
|  | IS 4856:1968 | Textiles - New Jute Woolpack – Specification (First Revision) |
|  | IS 8569:1977 | Specification for Jute Fabrics used in the Packing of Textile Products |
|  | IS 8117:1976 | Specification for Dw Tarpaulin Laminated Jute Bags for Pesticides |
|  | [IS 967 : 1956](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MTcwNzU%3D) | Method for determination of colour fastness of textile materials to acid chlorination |
|  | [IS 969 : 1956](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MTcwOTY%3D) | Method for determination of colour fastness of textile materials to cross-dyeing: Wool |
|  | [IS 3426 : 1982](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=MTAwMjQ%3D) | Method for determination of colour fastness of textile materials to rubbing with organic solvents (first revision) |
|  | [IS 1807 : 1961](https://www.services.bis.gov.in:8071/php/BIS_2.0/MembershipManagement/CRef.php?ID=ODIxNA%3D%3D) | Method for determination of colour fastness of textile materials to formaldehyde |
|  | IS 4802 : 1988 | Method for determination of colour fastness of textile materials to dry-cleaning (first revision). |

**Item 7 REVIEW OF ACTIVITIES**

**7.1 Standards Formulation**

**7.1.1 General**

The Council NOTED the information given under this item.

**7.1.2 Present Position and Progress of Work**

The Council NOTED the information given under this item.

**7.1.3** The Council NOTED the information given under this item.

**7.2 Standards Processed for Publication During the Period**

The Council NOTED the P-drafts prepared, draft standards issued in wide circulation, draft standards finalized and draft standards sent to printing as given at Annex 10,Annex 11, Annex 12 and Annex 13 of the agendarespectively.

**7.3 Harmonization of Standards**

The Council NOTED the information given under this item.

**7.4 New Subject Proposals**

The Council APPROVED the New subject proposals as given inAnnex 14 of the agenda except for Smart Jute bags.

**7.4.1** The following council members raised the following issues in case of smart jute bags:

i) Shri S K Chandra,IJMA, Shri Surendra Chaudhary, AIFTMA and Shri A K Sharma, IJIRA raised the issue for inappropriate subject title i.e. Smart jute bag.

ii) The aforementioned council members also raised the issue of environmental studies to be conducted for the biodegradability and disposability of the product.

iii) They also informed that FCI is only conducting the field trials for the serviceability of the product and not for the viability for being environment friendly.

iv) It was decided that all issues shall be discussed in relevant sectional committee and then it will be placed before TXDC for consideration.

**7.5 Withdrawal of subjects**

The Council APPROVED the withdrawal of subjects as given inAnnex 15 of the agenda.

### Item 8 PROMOTIONAL ACTIVITIES

**8.1 Participation in Conferences/Seminars/Meetings**

The Council NOTED the participation of BIS in various conferences, seminars, workshops, technical get-togethers, meetings, etc organized by other organizations as given in Annex 16 and appreciated the involvement of BIS.

**8.2 Seminars/Workshops Organized by BIS**

The Council NOTED the seminars/workshops organized by Textiles Department, BIS as given in Annex 17, for disseminating information and promoting effective implementation of standards.

**Item 9 INTERNATIONAL ACTIVITIES**

**9.1 India’s Participation Status in the Relevant Technical Committees of International Organization for Standardization (ISO)**

The council noted the information as given in Annex 18 and Annex 19 to the agenda.

**9.2 Round table conference on “Standards for Community Masks”**

The council noted the information.

**9.3 Participation in ISO /TC38/WG 31 Natural Materials for Textiles**

The council noted the information under this item.

**9.4 P- Membership in ISO TC 338 on Menstrual products**

The council noted the information under this item and approved the inclusion of following members on newly established committee on menstrual products under ISO TC 338:

i) Shri Nirav Mehta, Dima Products

ii) Ms. Tanya Mahajan, The Pad Project

iii) Head, Textiles/Member Secretary TXD 36

**9.5** **Participation in ISO Working Group (ISO/TC221/WG6 Design Using Geosynthetics)**

The council noted the information under this item and approved the inclusion of following members on ISO TC 221/WG6:

1. Prof K Rajagopal , IIT Madras
2. Shri Shahrokh Bagli, STRATA Geosytems (India) Pvt. Ltd., Mumbai
3. Shri Saurabh Vyas, Techfab (India) Industries Ltd., Gujarat
4. Shri J K Gupta, Head, Textiles, BIS, New Delhi

**9.6 SARSO Sectoral Technical Committee on Jute, Textiles and Leather**

The Council NOTED the information given under this item.

**Item 10 STANDARDIZATION ROAD MAPS OF ALL SECTIONAL COMMITTEES**

**10.1** The council noted the information and requested Sectional Committees to frame their respective Standardization Road Maps, as had been envisaged as part of strategic planning, within the next four months.

**Item 11 NEW INITIATIVES IN STANDARDIZATION**

**11.1 Standards Development Organization (SDO) Recognition Scheme**

The Council NOTED the information.

**11.2 Introduction of Academic Curriculum on Standardization in Colleges and Institutions**

The Council NOTED the information and appreciated the work done by BIS so far in this context.

**11.3 Digitization of Standardization Processes and Standards**

The Council NOTED the information.

**11.4 Revamped process of Review of Standards**

The Council NOTED the information. The council chairman requested the chairpersons of all sectional committees to take up the exercise of review of standards in a time bound manner through manak online portal.

**11.5 Pro-active actions for dissemination of information through social media**

The Council NOTED the information.

**11.6 BIS Talks on Standardization in the field of Textiles**

The Council NOTED the information.

**11.7 Availability of Indian Standards**

The Council NOTED the information.

**11.8** **Training to Technical Committee Members on standardization**

The Council NOTED the information.

**11.9 Formation of Search Committee**

**11.9.1** The council considered the item and constituted a search committee under TXDC of the following members:

i) Dr M S Parmar, NITRA, Ghaziabad (Convener)

ii) Prof A K Samantha, IJT, Kolkata

iii) Dr Anup Rakshit, ITTA, Mumbai

iv) Dr Raj Singh Antil, TAI, Delhi

v) Representative from CITI, Delhi

**11.10 Recognition of Contributions of Technical Committees and its Members**

The council noted the information under this item. It was further decided that the ‘Guidelines for recognition of contributions of Technical Committees and its members’ for ‘BIS committees of the year awards’, ‘Letter of Appreciation to committee members’, and ‘Certificate of excellence to committee members’ shall be circulated to the council members for the nominations. The council also constituted the following selection committee for ‘BIS committee of the year award’:

i) Dr Arindam Basu, Chairman, TXDC

ii) Dr A N Desai, Scientific Member, SITRA Council, Coimbatore

iii) Dr Anup Rakshit, ITTA, Mumbai

iv) Shri J K Gupta, Head (TXD), BIS

**Item 12 CO-ORDINATION OF STANDARDIZATION WORK INVOLVING HORIZONTAL SUBJECTS**

**12.1** The Council NOTED the information and decided that the mandate of all the horizontal committees shall be circulated to the council members.

**Item 13 MANDATORY CERTIFICATIONS UNDER TXDC**

**13.1 Compulsory BIS Certification of High Density Polyethylene (HDPE) and Polypropylene (PP) Woven Sacks for Packaging/Filling**

The Council NOTED the information given under this item.

**13.2** The Council NOTED the information given under this item for the compulsory BIS certification of Polyester yarns and fibre products.

**13.3** The Council NOTED the information given under this item and recommended issuing of required QCOs to address the issues of human health, safety and national security etc.

**Item 14 BIS CERTIFICATION SCHEMES**

**14.1**  The Council NOTED the details of various certification schemes being operated by BIS.

**Item 15 NATIONAL INSTITUTE FOR TRAINING IN STANDARDIZATION (NITS)**

**15.1** The Council NOTED the training schedule of the trainings offered by National Institute for Training in Standardization (NITS), NOIDA as available on BIS website.

**Item 16 WTO – TBT ENQUIRY POINT**

The Council NOTED the information given under this item.

**Item 17 DATE AND PLACE FOR THE NEXT MEETING**

The Council decided to hold the next meeting of TXDC in the month of April 2023 at New Delhi to take stock of the work done during April 2022 to March 2023.

**Item 18 ANY OTHER BUSINESS**

**18.1** The Chairman in his closing remarks appreciated the work done by the Textiles Division Council and acknowledged the contributions of the Chairpersons of Sectional Committees. He also said that because of various QCOs coming up, there will be tremendous pressure for extensive and time-bound development of the Indian Standards.

**18.1.1** The council chairman requested the chairpersons of all sectional committees to take up the exercise of review of standards in a time bound manner through manak online portal.

**18.2** There being no other business, the meeting ended with a hearty vote of thanks to the Chair.