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## BUREAU OF INDIAN STANDARDS

### RESOLUTION

**Physical Methods of Tests Sectional Committee, TXD 01**

**29<sup>th</sup> Meeting**

Date/Day	Time	Venue
19 November 2024 (Tuesday)	1100 h	Through Video Conferencing

#### CHAIRPERSON

Dr A. S. M. Raja  
Principal Scientist, ICAR-CIRCOT, Mumbai

#### MEMBER SECRETARY

Shri Amit Kumar Pandey  
Scientist-B/Asst. Director  
BIS, New Delhi

- The Chairperson of Physical Methods of Test Sectional Committee TXD 01 welcomed all the members of the committee and informed the committee member about the stringent rules set by BIS, as per the directions of the competent authority i.e. DG BIS, for the active participation of members in the technical committee meeting. He also requested all the committee members for providing their precious inputs on the Wide circulation drafts and Preliminary drafts through the BIS portal which is very essential for improving the quality of standardization.
- The committee scrutinized the comments received from Shri Sachin P. Kulkarni, representing M/s Garware Technical Fibres Ltd., Pune on the minutes of 28<sup>th</sup> meeting of TXD 01 held on 13 August 2024. After detailed deliberations, the committee decided to **CONFIRMED** the minutes with the following modification in Sl. No. (i) under item 2.1 –  
  
*“ i) A revised nomination shall be provided from M/s Garware Technical Fibres Ltd., Pune as Shri Kishor Darda has been transferred to another department within Garware Technical Fibres Ltd., Pune.”*
- The committee scrutinized the present scope and composition of TXD 01 as given in **Annex 1** decided as follows:
  - i) A revised nomination shall be provided from M/s National Jute Board, Kolkata as sought in the previous meeting of TXD 01 which is still awaited.
  - ii) The committee rejected the request of Shri Madhan R and Shri Suresh Sundaramurthy for representation in TXD 01 sectional committee in individual capacity.

- The committee has decided to finalize the following draft standards and amendments, as given in **Annex 5** to the agenda:
  - i) [**Doc. : TXD 01 (26245)**], Second Revision of IS 1315, Textiles — Linear density of yarns spun on cotton System — Methods of test
  - ii) [**Doc. : TXD 01 (26246)**], Second Revision of IS 6490, Textiles — Stiffness characteristic of fabrics — Methods of Test
  - iii) [**Doc. : TXD 01 (26247)**], First Revision of IS 3689, Textiles — Yarn count system for designating linear density
  - iv) [**Doc. : TXD 01(26560)**], First Revision of IS 16575 : 2016, Textiles — Evaluation of the wrinkle recovery of fabrics — Appearance method (*first revision*)
  - v) [**Doc. : TXD 01(24909)**], *Amendment no. 1* to IS 6359, Method for conditioning of textiles (*first revision*)
  
- The committee decided that the following preliminary draft standards, as given in **Annex 6** to the agenda, shall be issued under wide circulation for two months, after making necessary editorial changes.
  - i) [**Doc. : TXD 01(xxxxx)**], *Third revision* of IS 1964, Textiles – Mass per unit length and mass per unit area – Methods of test
  - ii) [**Doc. : TXD 01(xxxxx)**], *Third revision* of IS 1670, Textiles – Yarns – Determination of single-end breaking force and elongation at break
  - iii) [**Doc. : TXD 01 (xxxxx)**], *Second revision* of IS 1671, Textiles – Strength parameters of yarns spun on cotton system – Methods of test
  - iv) [**Doc. : TXD 01 (xxxxx)**], *Third revision* of IS 1963, Textiles – Woven fabrics – Determination of number of threads per unit length
  - v) [**Doc. : TXD 01 (xxxxx)**], *Second revision* of IS 7703 (Part 1), Textiles – Synthetic filament flat yarns – Methods of Test Part 1 Linear Density
  
- The committee scrutinized the minutes of the first working group meeting for “Preparation of working draft for Smoothness test for fabrics” along with the recommended working draft for the same, as given in **Annex 7** and **Annex 8** to the agenda respectively. After detailed deliberation and discussion, it is decided to circulate the working draft as preliminary draft to all the committee members for 14 days to receive their inputs on the same. The comments, so received, shall be incorporated and same shall be wide circulated for two months to elicit technical comments from the stakeholders. Any technical comments received during circulation shall be placed in the next committee meeting for consideration.
  
- The committee scrutinized the ISO ballots for Systematic review of ISO 17202 : 2002 and ISO 10306 : 2014 received from ISO/TC 38. After detailed deliberations, the committee decided that to confirm the same as it is without any changes. The committee also requested members to give their inputs on the ballots through IRD portal before 30<sup>th</sup> November 2024.

- The Committee scrutinized the directions of DG, BIS to formulate the sector wise working group under the domain of TXD 01. The committee, therefore, decided to constitute two working groups i.e. Physical characterization of Fibres and Yarn, and Physical characterization of Fabric under the convenorship of Dr. T. Senthilkumar, ICAR-CIRCOT, Mumbai and Dr. Manisha Mathur, SASMIRA, Mumbai respectively for dealing with the New subjects, Review of published standards or ISO ballots received in their respective sectors.
- The committee scrutinized the Indian Standards IS 233 (Part 1-4) : 1978 and IS 10014 (Part 2) : 1981 which are already superseded or amalgamated in other Indian Standards. After detailed deliberations, the committee decided to recommend the Textile Divisional Council for the withdrawal of IS 233 (Part 1-4) : 1978 and regarding IS 10014 (Part 2) : 1981, the committee decided to circulate a mail to all the committee members for providing their inputs on the withdrawal of IS 10014 (Part 2) : 1981. If no objections received from committee members, the same shall be recommended for withdrawal to the Textile Divisional Council with the approval of Chairperson, TXD 01. In case, any objections received from the committee members, same shall be placed in next committee meeting for further deliberations.
- The Committee scrutinized the Indian Standards due for review in the current financial year 2024-25 under the domain of TXD 01 along with the proposed allocated experts. After detailed deliberations, the committee decided to finalize the allocated experts as proposed in the Agenda for reviewing the said Indian Standards.
- The Committee decided to hold the next committee meeting of TXD 01 in HYBRID mode at ICAR-CIRCOT, Mumbai whose date will be finalized in consultation with Chairperson, TXD 01.