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## BUREAU OF INDIAN STANDARDS

### Minutes

**Wool, Wool Products and Textile Floor Coverings  
Sectional Committee, TXD 04**

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

Date	Time	Venue
14 November, 2024 (Thursday)	1100 h	Through videoconferencing

### Attendees:

Sl No.	Attendees	Organization
1.	<b>Dr. D. B. Shakyawar (Chairman)</b>	<b>ICAR - National Institute of Natural Fibre Engineering and Technology, Kolkata</b>
2.	Dr. Hina Quazi	Crafts Development Institute, Srinagar
3.	Dr. Brojeswari Das	Central Silk Board, Bangalore
4.	Dr. Prakash N. Bhat	-do-
5.	Shri. R. K. Boruah	Directorate General of Quality Assurance, Ministry of Defence, Kanpur
6.	Shri D. K. Pujari	-do-
7.	Shri Deepesh Kumar Sharma	Export Promotion Council for Handicraft, New Delhi
8.	Shri Mahmood Ahmad Shah	Handicrafts and Handloom, Kashmir
9.	Dr. Ajay Kumar	ICAR - Central Sheep and Wool Research Institute, Avikanagar
10.	Dr. Vinod Kadam	-do-
11.	Dr. (Smt) Betty Dasgupta	Indian Institute of Carpet Technology, Bhadohi
12.	Prof. R. K. Malik	-do-
13.	Dr. Zubair Ahmad	Indian Institute of Carpet Technology, Srinagar
14.	Shri Hemant Parab	Intertek Private Limited, Gurgaon
15.	Shri Shreyansh Bothra	M/s Bikaner Woollen Mills Pvt. Ltd., Bikaner
16.	Shri Sandeep Kumar Patel	Office of the Development Commissioner (Handicraft), New Delhi
17.	Shri Mayank Jaiswal	Obeetee Pvt. Ltd., Bhadohi
18.	Shri Sourabh Kulkarni	Office of the Textile Commissioner, Mumbai
19.	Shri Pranav Parashar	-do-
20.	Shri Pramod Yadav	Raymonds Limited, Thane

21.	Dr. Asif Hassan Sofi	Sher-e-Kashmir University of Agricultural Science & Technology of Kashmir, Srinagar
22.	Dr. Sheikh Rafi	-do-
23.	Shri Rauf Wadera	TAHFUZ Society, Srinagar
24.	Shri Govind Prakash	Textiles Committee, Mumbai
25.	Shri Abhishekh Sharma	-do-
26.	Shri Srinath Vanaparti	Welspun India Ltd., Hyderabad
27.	Shri Vinod Kumar	Wilton Weavers, Kerala
28.	Shri Mayur Basuk	Wool Research Association, Thane
<b>BIS DIRECTORATE GENERAL:</b>		
29.	Shri Himanshu Shukla (Scientist B & Member Secretary)	Bureau of Indian Standards, New Delhi
30.	Shri Abhishek Gupta (Executive Assistant)	-do-

## **ITEM 0 WELCOME & INTRODUCTORY REMARKS**

**0.1** Dr. D. B. Shakyawar, Chairman TXD 04 extended a hearty welcome to the committee members and the invitees present in the meeting. He acknowledged and appreciated the members' active participation and contributions to the committee's works. He also highlighted the important subjects under the program of work of the committee and requested members to complete the assigned task in time bound manner.

**0.2** Member Secretary also extended a hearty welcome to the Chairman and attendees present in the meeting.

## **Item 1 CONFIRMATION OF THE MINUTES OF THE PREVIOUS MEETING**

In view of no comments received, the committee formally confirmed the minutes of the 28<sup>th</sup> meeting of TXD 04 held on 25 April 2024 through video conferencing, circulated vide letter no. TXD 04/A2.28 dated 02 May 2024.

## **Item 2 SCOPE AND COMPOSITION OF TXD 04**

**2.1** The committee noted the present scope and reviewed the composition of TXD 04 as given in Annex 1 to the Agenda and decided as under:

- a) To seek fresh nomination from Carpet Export Promotion Council, New Delhi.
- b) To seek fresh nomination from All India Carpet Manufacturers' Association, Bhadohi.

**2.2** The committee considered the co-option request received from Northern Railways, New Delhi. After deliberation, the committee decided to recommend to TXDC for co-opting Northern Railways, New Delhi on TXD 04. Shri Rajesh Kumar and Shri Sandeep Kumar Singh shall represent as principle and alternate members respectively.

The committee also considered the cooption requests received from Dr. Suresh Sundarmurthy, MANIT, Bhopal and Shri R. Mohan, In personal Capacity as placed during the meeting. The committee noted that their areas of experience and expertise do not align with the scope of work of TXD 04 and therefore decided to reject the co-option requests.

### **Item 3 ISSUES ARISING OUT OF PREVIOUS MEETING OF TXD 04**

**3.1** The Committee NOTED the summary of actions taken on the various decisions of the 28<sup>th</sup> meeting as given in Annex 2 to the agenda.

### **Item 4 DRAFT STANDARD FOR FINALIZATION**

**4.1** The committee considered the following wide circulation drafts as given in Annex 4 to the Agenda along with the comments received from Dr. Betty Dasgupta, IICT, Bhadohi, Shri Srinath Vanaparti, Welspun India Ltd., Hyderabad, Shri Mayank Jaiswal, Obeetee Pvt. Ltd., Bhadohi, Shri Aditya Das, BIS as given in Annex 5 to the Agenda respectively:

- i) Textiles Floor Coverings — State of the Art on Maintenance and Cleaning [Doc. No. (26145)]
- ii) Textiles Floor Coverings — Blanketing Cloth — Specification [Doc. No. (26228)]
- iii) Textiles Floor Coverings — Carpet Yarn Made from Pure New Wool — Specification [Doc. No. (26229)]

After detailed deliberation, the committee decided as follows:

- a) **Textiles Floor Coverings — State of the Art on Maintenance and Cleaning [Doc. No. (26145)]**
  - i) To include the ‘carpet laying instruction’, ‘do’s and don’ts’ by referring to IS 10466 ‘Guide for care and maintenance of carpets’;
  - ii) To specify the following note under clause 4.2:

‘Note — Walking on a wet carpet may cause re-soiling, even after thorough cleaning. Practices such as removing shoes before walking on the carpet, regularly vacuuming, and timely addressing spills and stains can minimize wear and dirt accumulation.’

- iii) To incorporate the following additional care instructions in the draft:
- During dry vacuuming, adjust the vacuum cleaner head so that the brushes lightly touch the surface of the carpet.
  - Avoid using stiff brushes, as they can cause excessive fuzzing of the carpet fibers.
  - For loop pile carpets, use a cylinder vacuum cleaner with only the suction attachment. Beater heads and brushes can tug at the loops, leading to a worn or pilled appearance over time.
- iv) To incorporate following paragraph under clause A-2.5:

‘Wool’s ability to absorb water can cause damage if it stays damp for an extended period. The shampoo cleaning method is not suitable for water-sensitive carpets, such as those with latex or adhesive bonding.’

The committee further decided that above draft is held to have been finalized for publication as Indian Standard incorporating the above-mentioned changes. BIS may carry out the editorial changes in the draft, if required.

**b) Textiles Floor Coverings — Blanketing Cloth — Specification [Doc. No. (26228)]**

- i) To specify IS 667 for IS 667 should be given for identification of wool fibre in clause 4.2.4.
- ii) To specify IS 14466 ‘Fabrics - Description of defects - Vocabulary’ in place of IS 4125 : 1987.
- iii) To specify ‘*Min*’ for fineness/grade of wool;
- iv) To add the following note under table 1:

‘Note — Manufacturer shall declare the wool type (that is indigenous or imported) used for manufacturing the cloth.’

- v) Marking clause shall be modified in line with the latest practices;

The committee further decided that above draft is held to have been finalized for publication as Indian Standard incorporating the above-mentioned changes. BIS may carry out the editorial changes in the draft, if required.

**c) Textiles Floor Coverings — Carpet Yarn Made from Pure New Wool — Specification**

The committee decided that wool content specified in the standard shall be changed as follows:

‘Minimum wool content shall be 97 percent, with an allowance of up to 3 percent for inadvertent impurities. Additionally, up to 5 percent of non-wool fibers may be permitted if used for decorative or ornamental purposes.’

The committee further decided that above draft is held to have been finalized for publication as Indian Standard incorporating the above-mentioned changes. BIS may carry out the editorial changes in the draft, if required.

#### **Item 5 R&D PROJECT UNDER TXD 04**

**5.1** The committee considered the progress report along with utilization certificate for R&D project on ‘Study of constructional and performance requirements for handmade wool blended carpet used in floor covering applications and packaging practices of carpets’ as submitted by Dr. Betty Dasgupta, IICT, Bhadohi.

Following deliberations, the committee accepted the progress report and recommended the following sampling plan for testing the samples:

<i>Sample type</i>	<i>Number of samples</i>
Wool + Nylon (80:20)	05 Samples of each category
Wool + Polyester (50:50)	
Wool + Polyester (80:20)	
Wool + Viscose (50:50)	
Wool +Nettle/Hemp (80:20)	

During the meeting, the project leader, Dr. Betty Dasgupta, requested a two-month extension citing the time required for the manufacturing and testing of handmade wool-blended carpet samples. Considering the above, the committee approved the extension of two months time for this R&D project.

The committee further decided that the second installment of funds for the R&D project shall be released upon the submission of a fund utilization certificate confirming the utilization of 75 percent of the released funds.

#### **Item 6 REVIEW OF STANDARDS**

**6.1** The committee considered the list of standards given under item 6.1 to agenda alongwith the comments received from National Woollen & Finishers, Panipat. After detailed deliberation, the committee constituted a working group under the convenorship of Shri Mayur Basuk, Wool Research Association, Thane with the following composition to review the standards thoroughly:

- i) Shri Mayur Basuk, Wool Research Association, Thane (**Convenor**)
- ii) Shri. R. K. Boruah, DGQA, Kanpur
- iii) Shri Suresh Singhal, National Woollen & Finishers, Panipat
- iv) Dr. Ajay Kumar, CSWRI, Avikanagar
- v) Dr. Keshav Singh, Raymonds Limited, Thane
- vi) Shri Sanjay Charak, Textile Committee

## **7 ANY OTHER BUSINESS**

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