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## BUREAU OF INDIAN STANDARDS

### MINUTES

#### Technical Textiles for Buildtech Applications Sectional Committee, TXD 34 11<sup>th</sup> Meeting

Date/Day	Time	Venue
30 July 2024 (Tuesday)	1100 hrs	Video Conferencing through CISCO Webex

#### ATTENDEES:

1.	<b>Dr. Abhijit Majumdar (Chairperson)</b>	<b>Indian Institute of Technology Delhi, New Delhi</b>
2.	Shri S. K. Singh	CSIR-Central Building Research Institute, Roorkee
3.	Shri K. Jayasankar	Cement Manufacturers Association, New Delhi
4.	Shri Rajendra Ghadge	Garware Technical Fibres Limited, Pune
5.	Shri Sachin P Kulkarni	-do-
6.	Dr. Anup Rakshit	Indian Technical Textiles Association, Mumbai
7.	Shri Rajiv Gauri	Kalyani Polymers Private Limited, Bangalore
8.	Dr. Palaniswamy N. K.	National Institute of Technology, Jalandhar
9.	Dr. A. K. Choudhary	-do-
10.	Shri Rakesh Gupta	Nina Concrete Systems Private Limited, Mumbai
11.	Shri Ajay Gupta	Reliance Industries Limited, Mumbai
12.	Shri Manish Tiwari	-do-
13.	Shri Manoj Kawalkar	Shapoorji Pallonji and Company Private Limited, Mumbai
14.	Ms. Archana Bisht	Shriram Institute for Industrial Research, Delhi
15.	Shri Premnath Surwase	The Synthetic and Art Silk Mills Research Association, Mumbai

#### BIS DIRECTORATE GENERAL:

16.	Shri Swapnil	Scientist-B/Assistant Director (Textiles) & Member Secretary TXD 34
17.	Shri Mayur Katiyar	Scientist-B/Assistant Director (Textiles)
18.	Ms. Shelly Sirohi	Executive Assistant (Textiles)

#### Item 0 WELCOME & INTRODUCTORY REMARKS

**0.1** Dr. Abhijit Majumdar, Chairperson TXD 34 welcomed the members present in the meeting and appreciated their contribution in the Standards formulation activity in the area of Technical Textiles for Buildtech Applications.

**0.2** Shri Swapnil, Member Secretary TXD 34 also welcomed the Chairperson and members present during the meeting.

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

**1.1** The committee **CONFIRMED** the minutes of the 10<sup>th</sup> meeting of the committee held on 06 November 2023 through VC as circulated vide BIS letter No. TXD 34/A2.10 dated 21 November 2023 without any changes.

## **Item 2 SCOPE AND COMPOSITION OF TXD 34**

**2.1** The Committee **REVIEWED** the present scope and composition of the committee as given in **Annex 1** to the agenda and **DECIDED** as follows:

- i) The committee decided to co-opt BTRA, Mumbai.
- ii) Shri Sachin P Kulkarni will represent Garware Technical Fibers Limited, Pune as a Principal Member and Shri Rajendra Ghadge as an Alternate Member.
- iii) Ms. Ruchita Gupta will represent Indian Technical Textile Association, Mumbai as an Alternate Member.
- iv) Shri Ajay Gupta will represent Reliance Industries Ltd, Mumbai as a Principal Member.
- v) Ms. Archana Bisht will represent Shriram Institute for Industrial Research, Delhi as Principal Member.
- vi) To send the letter to other organizations whose members are not attending the meeting.

## **Item 3 ISSUES ARISING OUT OF PREVIOUS MEETINGS OF TXD 34**

**3.1** The Committee **NOTED** the summary of actions taken on the various decisions of the previous meetings of TXD 34 as given in **Annex 2** to the agenda.

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

**4.1** The Committee scrutinized the WC draft TXD 34 (23882) ‘Textiles — Poly Vinyl Chloride PVC Coated Tensile Fabric Architectural Membranes — Specification’ as given in **Annex 3** to the agenda.

**4.1.1** After detailed deliberations the committee decided to **FINALIZE** the WC draft for publication without any changes after incorporating the requirement of Tensile Elongation values for Type 1 in consultation with M/s SRF Technical Fibres Limited, Chennai and Chairperson, TXD 34.

BIS may carry out editorial changes, if any.

## **Item 5 COMMENT ON PUBLISHED INDIAN STANDARDS**

**5.1** The Committee scrutinized the comment received from Shri Tarun Agrawal on draft IS 16481 : 2016 ‘Textiles — Synthetic Micro Fibres for Use in Cement Based Matrix — Specification’ as given in **Annex 4** to the agenda.

**5.1.1** After detailed deliberations the committee decided to drop the comment for the time being and send letter to Shri Tarun Agrawal to validate his claims including that for temperature rise inside concrete.

**5.1.2** The committee also noted that IS 16481 : 2016 ‘Textiles — Synthetic Micro Fibres for Use in Cement Based Matrix — Specification’ has been revised as IS 16481 : 2022 ‘Textiles — Synthetic Micro Fibres for Use in Cement Based Matrix — Specification (*first revision*)’.

**5.2** The committee scrutinize the comments received from M/s Karan Safety Pvt. Ltd. on IS 11057 : 1984 as given in **Annex 5** to the agenda and decided that M/s Karan safety Pvt. Ltd. shall provide clause wise changes proposed along with proper justification and data for the proposed changes in the standard and committee also decided that M/s Garware Technical Fibres Limited, Pune shall provide inputs along with proper justification and data for the proposed changes in the standard within 7 days.

## **Item 6 REVIEW OF PUBLISHED INDIAN STANDARDS**

**6.1** The committee reviewed the Indian standard IS 15272:2020 ‘Textiles — Awnings for Leisure Accommodation Vehicles — Requirements and Test Methods (second revision).’ The standard aligns with the latest ISO version ISO 8936 : 2017. After deliberation, the committee decided to reaffirm the standard for further period of 5 years.

**6.2** The committee scrutinized the review perfoma of IS 12991 : 2005 as given in **Annex 6** to the agenda and decided that the standard shall revised according to the latest version of ISO with reaffirmation for further period of 5 years.

## **Item 7 DATE AND PLACE OF NEXT MEETING**

The date and place of the next meeting would be finalized in consultation with the Chairman, TXD 34, in due course.

## **Item 8 ANY OTHER BUSINESS**

**8.1** The committee scrutinized the comments received from M/s Reliance Industries Ltd. on IS 16481 : 2022 ‘Textiles — Synthetic micro-fibres for use in cement based matrix — Specification

*(first revision)*' and decided that M/s Reliance Industries Ltd. shall provide the data for the requirements of resistance to acid and resistance to ageing as per IS 16481 : 2022 after getting it tested in any independent lab. Sufficient data should be provided to take care of the lot to lot variability.

**8.2** The committee also decided to issue an amendment on IS 16481 : 2022 after incorporating the requirement for resistance to ultraviolet light optional in the standard as most of the fibres are not exposed to ultraviolet light and WC Amendment draft shall be circulated for 2 months for eliciting comments/ inputs from different stakeholders.

**8.3** The committee decided to drop the comment received from Mumbai Branch Office-II, BIS on draft IS 16481 : 2016 'Textiles — Synthetic Micro Fibres for Use in Cement Based Matrix — Specification *(first revision)*'.

**8.4** There being no other business, the meeting ended with a hearty vote of thanks to the Chair and members present in the meeting.