

कार्यसूची
AGENDA

वस्त्रादि विभाग परिषद (टी एक्स डी सी)
की
छब्बीसवी बैठक
TWENTY SIXTH MEETING
OF
TEXTILES DIVISION COUNCIL (TXDC)

1100 बजे, मंगलवार, 04 जून 2024
भारतीय मानक ब्यूरो, नई दिल्ली

1100 h, Tuesday, 04 June 2024
BIS, New Delhi



भारतीय मानक ब्यूरो
मानक भवन, 9 बहादुर शाह ज़फर मार्ग
नई दिल्ली - 110 002

BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI – 110 002

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BUREAU OF INDIAN STANDARDS

AGENDA

TEXTILES DIVISION COUNCIL

26th Meeting

Date	Time	Venue
04 June 2024 (Tuesday)	1100 h	Hybrid Mode, Samvaad (Green room) 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, Head (Textiles), BIS

Item 0 GENERAL

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

0.2 Opening Remarks by Chairman, TXDC.

Item 1 CONFIRMATION OF THE PROCEEDINGS OF THE LAST MEETING

1.1 The proceedings of the 25th meeting of the Textiles Division Council (TXDC) held on 19 May 2023 through videoconferencing were circulated to the members vide email dated 23 May 2023. Comments have been received from Dr. A. N. Desai, Scientific Member, SITRA Council and Shri Anand Majaria, Delta Ropes Manufacturing Co., Kolkata and are given in [Annex 1](#) (Page 28).

1.1.1 The Council may please **CONSIDER** the above and **CONFIRM** the proceedings accordingly.

Item 2 ACTIONS TAKEN ON THE DECISIONS OF THE LAST MEETING

2.1 The summary of actions taken on the decisions of the last meeting of the Council are reported at [Annex 2](#) (Pages 29 to 30).

2.1.1 The Council may please **NOTE**.

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

3.1 The present scope and composition of TXDC is given at [Annex 3](#) (Pages 31 to 35).

3.1.1 The Council may please **REVIEW**.

Item 4 APPOINTMENT OF CHAIRPERSON OF SECTIONAL COMMITTEES

4.1 Chairperson of a Sectional Committee is appointed for a term of three years with provisions for reappointment for another term of three years. However, the Council may take a conscious decision for continuing a particular Chairperson beyond the second term also. Generally, a Chairperson whose term expires continues to hold office until his/her successor is appointed or he/she is reappointed. As per guidelines of the Ministry of Consumer Affairs, Food & Public Distribution, Department of Consumer Affairs, Govt of India, Chairperson of Sectional Committees should be appointed from neutral organizations. The list of present chairpersons is given below:

Sectional Committee	Name & Designation of Chairperson	Organization	Year of Appointment
TXD 01 Physical Methods of Test	Shri A. S. M. Raja, Principal Scientist	ICAR – Central Institute for Research on Cotton Technology, Mumbai (CIRCOT)	Appointed in May 2023
TXD 03 Jute and Jute Products	Jute Commissioner (At present Shri Moley Chandan Chakraborty, IDAS)	Ministry of Textiles	Appointed in February 2014. Reappointed in January 2018 and in April 2021
TXD 04 Wool, Wool Products & Textile Floor Coverings	Dr D B Shakyawar, Director	ICAR - National Institute of Natural Fibre Engineering and Technology, Kolkata	Appointed in April 2019. Reappointed in April 2022
TXD 05 Chemical Methods of Test	Dr Manisha Mathur, Joint Director	The Synthetic & Art Silk Mills' Research Association, Mumbai (SASMIRA)	Appointed in February, 2014. Reappointed in January 2018 and April 2021
TXD 07 Textiles Speciality Chemicals & Dyestuffs	Dr. Sujata Saxena, Principal Scientist	ICAR – Central Institute for Research on Cotton Technology, Mumbai (CIRCOT)	Appointed in May, 2023
TXD 08 Handloom & Khadi	Zonal Director (At present Shri Vishesh Nautiyal)	Weavers Service Centre, New Delhi	Appointed in December 2011. Reappointed in

			February 2014, in January 2018 and in April 2021
TXD 09 Cordage	Prof (Dr) R Chattopadhyay, Emeritus Professor	Indian Institute of Technology, Delhi	2008, Reappointed in Jan 2013, in Jan 2018 and in May 2023
TXD 10 Hosiery	Director (At present Dr Prakash Vasudevan)	The South India Textile Research Association, Coimbatore (SITRA)	Appointed in 2008, Reappointed in Jan 2013, in Jan 2018 and in April 2021
TXD 13 Textile Materials for Aeronautical and Related Products	Director (At present Dr. Manoj Kumar)	Aerial Delivery Research & Development Establishment, Agra (ADRDE)	Appointed in Feb 2010, Reappointed in Jan 2013, in Jan 2018 and in April 2021
TXD 14 Textile Machinery and Accessories	Director (At present Dr Nagahanumaiah)	Central Manufacturing Technology Institute, Bengaluru	Appointed in April 2021
TXD 18 Textile Materials for Marine/Fishing Purposes	Dr M P Remesan, Head and Principal Scientist, Fishery Technology Division	ICAR - Central Institute of Fisheries Technology, Kochi (CIFT)	Appointed in April 2022
TXD 20 Made-up Textiles (Including Ready-made Garments)	Director General (At present Dr Arindam Basu)	Northern India Textile Research Association, Ghaziabad (NITRA)	Appointed in Feb 2014, Reappointed in Jan 2018 and in April 2021
TXD 23 Textile Materials Made from Polyolefins (Excluding Cordage)	Dr Tanweer Alam, Addl. Director & RO	Indian Institute of Packaging, New Delhi	Appointed in May 2023
TXD 25 Coir and Coir Products	Secretary (At present Shri J. K. Shukla)	Coir Board, Kochi	Appointed in April 2021
TXD 28 Silk and Silk Products	Director (At present Dr. S Periyasamy)	Central Silk Technological Research Institute, Bangalore	Appointed in Dec 2011, Reappointed in Feb 2014, in Jan 2018 and in April 2021
TXD 30 Geosynthetics	Dr A N Desai, Scientific Member	The South India Textile Research Association, Coimbatore (SITRA) Council	Reappointed in Jan 2013, in Jan 2018 and in April 2021

TXD 31 Man-made Fibres, Cotton and their Products	Dr. Kartikay Dhanda, Director (Laboratories)	Textile Committee, Mumbai	Appointed in May 2023
TXD 32 Textile Protective Clothing	Director General (At present Dr Arindam Basu)	Northern India Textile Research Association, Ghaziabad (NITRA)	Appointed in Feb 2014. Reappointed in Jan 2018, and in April 2021
TXD 33 Industrial Fabrics	Dr G. Thilagavathi, Professor & Head, Department of Textile Technology	PSG College of Technology, Coimbatore	Appointed in April 2022
TXD 34 Technical Textiles for Buildtech Applications	Prof Abhijit Majumdar	Indian Institute of Technology, Delhi	Appointed in April 2021
TXD 35 Technical Textiles for Agrotech Applications	Dr. Manisha Mathur	The Synthetic & Art Silk Mills' Research Association, Mumbai (SASMIRA)	Appointed in January 2023
TXD 36 Technical Textiles for Medtech Applications	Director (At present Dr Prakash Vasudevan)	The South India Textile Research Association, Coimbatore (SITRA)	Feb 2014 Reappointed in Jan 2018 and in April 2021
TXD 37 Technical Textiles for Sportech Applications	Dr (Smt) Mrinal Choudhary	Jt Director, Wool Research Association, Thane	Appointed in April 2021
TXD 38 Technical Textiles for Mobiltech Applications	Dr M S Parmar, Director, Laboratories	Northern India Textile Research Association, Ghaziabad (NITRA)	Appointed in September 2018, Reappointed in April 2021
TXD 39 Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids	Shri A Chowdhury	Additional Controller (GS), SQAEGS), Kanpur, DGQA, Ministry of Defence	Appointed in September 2018, Reappointed in April 2021
TXD 40 Composites and Speciality Fibres	Dr Santhosh B, Scientist/Engineer SG	Vikram Sarabhai Space Centre, Thiruvananthapuram	Appointed in May 2020. Reappointed in May 2023

4.1.1 The Council may REVIEW.

Item 5 REVIEW OF CONSTITUTION OF SECTIONAL COMMITTEES

5.1 Reconstitution of Sectional Committees

As per the rules and regulations governing the organization of sectional committees, all sectional committees have to be reconstituted by the Division Council every 3 years. All the sectional committees were reconstituted during 23rd meeting of TXDC held on 9 April 2021. The following Sectional Committees are constituted under TXDC and the committees are due for reconstitution:

- i) Physical Methods of Test Sectional Committee, TXD 01
- ii) Jute and Jute Products Sectional Committee, TXD 03
- iii) Wool, Wool Products and Textile Floor Coverings Sectional Committee, TXD 04
- iv) Chemical Methods of Test Sectional Committee, TXD 05
- v) Textiles Speciality Chemicals & Dyestuffs Sectional Committee, TXD 07
- vi) Handloom and Khadi Sectional Committee, TXD 08
- vii) Cordage Sectional Committee, TXD 09
- viii) Hosiery Sectional Committee, TXD 10
- ix) Textile Materials for Aeronautical and Related Products Sectional Committee, TXD 13
- x) Textile Machinery and Accessories Sectional Committee, TXD 14
- xi) Textile Materials for Marine/Fishing Purposes Sectional Committee, TXD 18
- xii) Made-up Items (Including Ready-made Garments) Sectional Committee, TXD 20
- xiii) Textile Materials Made from Polyolefins (Excluding Cordage) Sectional Committee, TXD 23
- xiv) Coir and Coir Products Sectional Committee, TXD 25
- xv) Silk and Silk Products Sectional Committee, TXD 28
- xvi) Geosynthetics Sectional Committee, TXD 30
- xvii) Man-Made Fibres, Cotton and their Products Sectional Committee, TXD 31
- xviii) Protective Clothing Sectional Committee, TXD 32
- xix) Industrial Fabrics Sectional Committee, TXD 33
- xx) Technical Textiles for Buildtech Applications Sectional Committee, TXD 34
- xxi) Technical Textiles for Agrotech Applications Sectional Committee, TXD 35
- xxii) Technical Textiles for Medtech Applications Sectional Committee, TXD 36
- xxiii) Technical Textiles for Sportech Applications Sectional Committee, TXD 37
- xxiv) Technical Textiles for Mobiltech Applications Sectional Committee, TXD 38
- xxv) Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids Sectional Committee, TXD 39
- xxvi) High Performance Fibres, Fibrous structure and Textile Components of Composites Sectional Committee, TXD 40

5.1.1 The present composition of the above-mentioned Sectional Committees and level of participation of members in the meetings of the committees are given in [Annex 4](#) (Pages 36 to 90).

5.1.1.1 The Council may **NOTE**.

5.2 Recommended changes in the Scope of Sectional Committees

The Scope of Work of a Sectional Committee is defined by the Division Council. The review of its own Scope is also carried out by the respective Sectional Committees. Any change in Scope of the Sectional Committee is to be approved by the Division Council. The inputs received from various Sectional Committees of TXDC for changes in their scope are listed below:

Sl No.	Technical Committee	Existing Scope	Recommended scope	Justification
1	Industrial Fabrics Sectional Committee, TXD 33	To formulate Indian standards for terminology, testing and specifications for industrial fabrics including non-woven textiles made from natural and man-made fibres/filaments and blends thereof.	To formulate Indian standards for terminology, testing and specifications for industrial fabrics, <i>coated and treated fabric and their products</i> including non-woven textiles made from natural and man-made fibres/filaments and blends thereof.	To cover the standard for coated and treated fabrics for industrial application.
2	Technical Textiles for Medtech Applications Sectional Committee, TXD 36	To formulate Indian Standards for terminology, testing and specifications for technical textiles for medtech applications such as healthcare and hygiene textile products, implantable and non-implantable and extra corporeal textile products.	To formulate Indian Standards for terminology, testing and specifications for technical textiles for medtech applications (<i>including medical devices made of textile material</i>) such as healthcare and hygiene textile products, implantable and non-implantable and extra corporeal textile products.	To cover the standards of medical devices made up of textile materials.

5.2.1 The Council may please **CONSIDER** and **APPROVE**.

5.3 Co-options on various Sectional Committees

Since the last meeting of the Council, various Sectional Committees have co-opted some more members. A list of such members is given at [Annex 5](#) (Pages 91-95).

5.3.1 The Council may please **CONSIDER** and **APPROVE**.

5.4 Withdrawals from various Sectional Committees

Various Sectional Committees have since the last meeting of the Council have recommended withdrawal of members as given at [Annex 6](#) (Pages 96 to 103) with reasons thereof.

5.4.1 The Council may please **CONSIDER** and **APPROVE**.

5.5 Termination of Sectional Committee members due to non-participation in technical committee meeting

With a view to facilitating effective implementation of the SNAP 2022-27 and streamlining the functioning of the Standardisation Departments aimed at making BIS a future-ready organisation competent authority has issued a guideline for effective participation in technical committee meetings. To address the static composition of sectional committees, poor attendance and non-participation of members in technical committee meetings, it has been mandated by the competent authority that absence of sectional committee members from two consecutive meetings of the sectional committee will result in the termination of the membership from the sectional committee.

Consequently, members who were absent from two consecutive technical committee meetings have been terminated with immediate effect. The list of terminated members in various sectional committees is provided in [Annex 7](#) (Pages 104 to 107). Nonetheless, various organizations have expressed interest in continuation of their membership in the technical committees and remain keen to participate in the standardization work. The list of these organizations is provided in [Annex 8](#) (Page 108).

5.5.1 The Council may please **NOTE** and **DECIDE**.

5.6 Constitution of new technical committee on ‘SMART TEXTILE’

As decided by the council in the last meeting, a panel meeting was held under the convenorship of Dr. A. N. Desai, Scientific Member, SITRA Council on May 28, 2024, to discuss and seek recommendations for the title, scope, chairperson, and composition of a new committee on Smart Textiles/E-Textile. The panel consisted of the following members:

- a) Dr. A. N. Desai, Scientific Member, SITRA Council, Coimbatore
- b) Dr. G. Thilagavathi, PSG College of Technology, Coimbatore
- c) Dr. Abhijit Majumdar, IIT, Delhi
- d) Dr. Mrinal Chaudhury, WRA, Mumbai
- e) Dr. Anup Rakshit, ITTA, Mumbai
- f) Shri J. K. Gupta, Head of Textiles

After detailed deliberation, the panel recommended to exclude the ‘E-textile’ from the scope of new technical committee as the similar subjects are being dealt by ‘Wearable Electronic Devices and Technologies Sectional Committee, LITD 33’. The panel further recommended the title, scope, chairperson, and composition of the new technical on ‘Smart Textile’, the recommendations by the panel are given in [Annex 9](#) (Page 109).

5.6.1 The Council may please **NOTE** and **DECIDE**.

6 TRANSFER/ WITHDRAWAL OF INDIAN STANDARDS

6.1 Transfer of Indian Standards/Subjects

Transfer of standards/subjects are given at [Annex 10](#) (Page 110) with reasons thereof.

6.1.1 The Council may please **CONSIDER** and **APPROVE**.

6.2 Withdrawal of Standards

A view was expressed in a high-level meeting in BIS that there are number of standards which are not implemented or have lost their utility over a period of time. It was, therefore, decided that all the standards formulated by various committees should be reviewed taking into consideration present needs of the industry/trade, consumers, govt/regulatory bodies, technical institutions etc. Subsequently those standards, which are considered to be of no utility, should be identified and processed for withdrawal. It is felt that this exercise would help in better utilization of available resources on those subjects, which are really needed by the various interested parties. The list of standards recommended by Sectional Committees for withdrawal are given at [Annex 11](#) (Page 111 to 112) with reasons thereof.

6.2.1 The Council may please **NOTE**.

Item 7 RESEARCH AND DEVELOPMENT PROJECTS

7.1 BIS competent authority has decided that research & development projects must be seamlessly integrated into standardization, to ensure that standards remain adaptable and relevant by incorporating in depth field-level studies alongside traditional research methods, addressing the complexities and innovations in the field. A detailed guideline for research & development projects for formulation and review of standards is given in [Annex 12](#) (Pages 113 -129).

A total of 22 R&D projects have been coined under TXDC on crucial subjects, emerging areas for standardization, and standards to be taken up for revision. A stage wise breakup of the R&D projects is given below:

Sl. No.	Stage	Number
1	R&D projects awarded	10
2	Received proposal did not qualify after scrutiny by Research Evaluation Committee. To be re-floated on BIS portal.	02
3	R&D project approved by screening committee. Proposals Received. To be scrutinized by REC.	03
4	R&D project approved by screening committee. To be floated on BIS portal for receipt of proposals.	06
5	R&D Project floated on BIS Portal. No proposals have been received till date	01
Total		22

The list of R&D projects alongwith their status is given in [Annex 13](#) (Pages 130 to 132).

7.1.1 The Council may please **NOTE**.

Item 8 REVIEW OF ACTIVITIES

8.1 Standards Formulation

8.1.1 General

The Programme of Work of the TXDC is displayed on BIS Website www.bis.gov.in and www.manakonline.in, along with compositions of the committees. New documents that are sent in wide circulation are also available on BIS website/Manakonline portal for comments from all interested. All members are requested to visit BIS website/Manakonline portal and give their suggestions for improvement.

8.1.1.1 The Council may please **NOTE**.

8.1.2 Present Position and Progress of Work

A summary of the activities of the **26** Sectional Committees under TXDC since the last meeting of the Council is as follows (**01 May 2023 to 25 May 2024**):

i) Total no. of standards in force (as on 25 May 2024)	1569
ii) No. of standards sent for printing	217 + 51 (Amd)
iii) No. of draft standards finalized	181 + 49 (Amd)
iv) No. of draft standards issued into wide circulation	191
v) No. of preliminary drafts issued	180
vi) No. of Sectional Committee meetings held	64 + 19 (Panel)
vii) No. of All India first licence granted	23

List of meetings held is given at [Annex 14](#) (Pages 133 to 137).

8.1.2.1 The Council may please **NOTE**.

8.1.3 The aspect wise breakup of the standards formulated by TXDC is given below (as on **25 May 2024**):

Sl. No.	Aspect	No. of Standards
1	Product Specification	754
2	Code of Practice	65
3	Methods of Tests	534
4	Terminology	69
5	Dimensions	29
6	Safety Standard	15
7	Others & Handbooks	103

Total	1569
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8.1.3.1 The Council may please **NOTE**.

8.2 Standards Processed for Publication during the Period

A total of 217 standards were processed for publication during 01 May 2023 to 25 May 2024, a list of P-drafts is given at [Annex 15](#) (Pages 138 to 148). A list of draft standards issued in wide circulation since the last meeting of the Council is given in [Annex 16](#) (Pages 149 to 160). The list of draft standards finalized and sent for printing is given at [Annex 17](#) (Pages 161 to 171) and [Annex 18](#) (Pages 172 to 184) respectively.

8.2.1 The Council may please **NOTE**.

8.3 Harmonization of Standards

With the globalization of textile trade, it has become necessary to harmonize related Indian Standards with those published by ISO/IEC. The position of harmonized standards as on 25 May 2024 is given below:

No. of existing Indian Standards against which corresponding ISO Standards exist	-	541
Indian Standards harmonized	-	508

8.3.1 The Council may please **NOTE**.

8.4 New Subject Proposals

Various Sectional Committees in course of their work have considered proposals for taking up the work of formulation of Indian Standards relating to their respective fields and have agreed to provisionally include these in the programme of work, subject to approval of the Council. A list of such new subject proposals is given in [Annex 19](#) (Page 185 to 187).

8.4.1 The Council may please **CONSIDER** and **APPROVE**.

8.5 Withdrawal of subjects

The Sectional Committees in course of their work have re-considered the pending new subjects in the light of progress made and recommended withdrawal of some pending subjects. A list of such subjects is given in [Annex 20](#) (Page 188).

8.5.1 The Council may please **CONSIDER** and **APPROVE**.

Item 9 PROMOTIONAL ACTIVITIES

9.1 Participation in Conferences/Seminars/Meetings

Since the last meeting of the Council, the officers of Textiles Department actively participated in various conferences, seminars, workshops, technical get-togethers, meetings, etc organized by various organizations with a view to propagate the concepts of standardization and to disseminate information about availability of Indian Standards and new developments and directions in standardization and quality promotion programmes. A list of such participation is given at [Annex 21](#) (Pages 189 to 216).

9.1.1 The Council may please **NOTE**.

9.2 Seminars/Workshops Organized by BIS

Since the last meeting of TXDC, a number of seminars/workshops have been organized by Textiles Department, BIS for disseminating information and promoting effective implementation of standards.

Brief details of the programmes conducted and papers presented are given in [Annex 22](#) (Pages 217 to 243).

9.2.1 The Council may please **NOTE**.

Item 10 INTERNATIONAL ACTIVITIES

10.1 India's Participation Status in the Relevant Technical Committees of International Organization for Standardization (ISO)

The various Sectional Committee of TXDC are interacting with corresponding Technical Committees of the ISO. A list of such ISO Technical Committees indicating the categories of membership as Participating (P) or Observer (O) is given in [Annex 23](#) (Page 244 to 245). The details of the ballots cast are given in [Annex 24](#) (Pages 246 to 255).

10.1.1 The Council may please **NOTE**.

10.2 New work item proposed at ISO

Following new work item proposals were sent to ISO TC/38 ‘Textiles’ [(Sl. No. (1))] and ISO TC/338 ‘Menstrual products’[(Sl. No. (2) to (4)]:

Sl. No.	Subject	ISO TC	Status
1	ISO/NP 22195-9 Textiles — Determination of index ingredient from coloured textile — Part 9: Gallnut	ISO/TC/38 ‘Textiles’	The draft was issued in CD consultation with the last date of comment on 11 May 2024.
2	Guidelines for processing of multiple use healthcare textiles	ISO/TC/304 ‘Healthcare organization management’,	Ballot on NWIP circulated for voting of member body/NSB with the last date of comment on 12 July 2024.
3	Menstrual products — Terminology	ISO/TC/338 ‘Menstrual products’	Preliminary work item to be decided in the next plenary meeting scheduled on 26 June-27 June 2024.
4	General and safety requirements of menstrual products	-do-	-do-

10.2.1 The Council may please **NOTE**.

10.3 BIS experts nominated in ISO committees and working groups

Convenor and experts have been nominated in following working groups/NWIP to ensure the Indian technical presence for ISO works:

- 1) ISO/TC221/WG 6, Design Using Geosynthetics
- 2) ISO/TC38/WG 31 ‘Non-fibrous bio-based material for textiles’
- 3) Working Group (WG 1) on ‘Safety, performance and general requirements of menstrual products’ under ISO/TC 338 ‘Menstrual products’
- 4) Task group for the development of ‘Strategic Business Plan’ for ISO/TC 338.
- 5) Adhoc group (AHG 1) to define terminology and scope of ISO/TC 338
- 6) ISO/NP 20384, Surgical clothing and drapes — Requirements and test methods in ISO/TC 94/SC 13
- 7) ISO/NP 24269, Nonwovens — Performance requirement and test methods — non-medical face masks (General use face mask) in ISO/TC 38

10.4 ISO meetings attended and important outcomes of the meeting:

- a) The second plenary meeting of ISO/TC 338 'Menstrual Product' was held on 20-21 April 2023 in Stockholm, Sweden in hybrid mode. Shri J. K. Gupta, Head, Textiles, Shri S. Sivakumar, SITRA, Coimbatore, Shri Dharmbeer, Sc-D, Textiles, Dr. E. Santhini, SITRA, Coimbatore, Ms. Shivani Swamy, Livinguard Technology Pvt. Ltd., Mumbai and Smt. Tanya Mahajan, The Pad Project (NGO), India participated in the meeting physically and through VC. Key outcomes included progress reports on Strategic Business Plan, General requirements of mensural products, and terminology, presented by Indian delegates, which were accepted by the committee, maintaining India's leadership roles in respective groups. Additionally, committee agreed on preliminary work item balloting, defining the Scope and Title of Working Group 1, and liaising with relevant ISO/TCs. Further, the proposal of Argentina for the constitution of a new working group for 'Tampons' was not agreed upon due to objection by India. Brief report of the visit along with conclusions and recommendations are given in [Annex 25 \(a\)](#) (Pages 256-260).
- b) The 24th plenary meeting of ISO TC 38 'Textiles' and its subcommittees was held on 01-03 November, 2023 in Seoul, South Korea in hybrid mode. Shri J K Gupta, Head, Textiles, Dr. Sujata Saxena, Chairperson, TXD 07, Shri Y A Shah, Ama Herbals, Lucknow, Shri Himanshu Shukla, Sc-B and Shri A K Samanta, (Expert in personal capacity) participated in the meeting. During the meeting, NWIP on Gallnut was approved for registration as ISO/AWI/22195-9, with a resolution to issue an NP ballot. Discussions also centered around other proposals on natural dyes from BIS, India. Suggestions by Shri J K Gupta regarding SAC, China's test method for cashmere content and scope of ISO TC 38/SC 1 were discussed. Dr. Sujata Saxena highlighted concerns about color fastness determination, advocating for an Android version of the mobile application. Overall, the meeting focused on enhancing standards and methodologies in the textile sector. Brief report of the visit along with conclusions and recommendations are given in [Annex 25 \(b\)](#) (Pages 261-268).
- c) The third plenary meeting of ISO/TC 338 'Menstrual Product' was held on 08 December 2023 in virtual mode. Shri J.K. Gupta, Head (TXD), Shri Dharmbeer, Sc-D, TXD, Shri S. Sivakumar, SITRA, Coimbatore, Dr. E. Santhini, SITRA, Coimbatore, Smt. Tanya Mahajan, The Pad Project (NGO), India, Shri Nirav Mehta, Dima Products, Mumbai, Ms. Roocha Khedkar, Kenvue, Mumbai participated in the meeting. Key outcomes included acceptance of progress reports on strategic business planning and terminology development, with India retaining leadership roles in relevant working groups. Additionally, agreements were reached on changing the working group title, launching a ballot for general and safety requirements, and registering terminology as a Preliminary Work Item. Brief report of the visit along with conclusions and recommendations are given in [Annex 25 \(c\)](#) (Pages 269-273).
- d) Apart from the above plenary meetings, Indian experts also participated and contributed in 11 working group, task group and other interaction meetings at ISO.

10.4.1 The Council may please NOTE.

Item 11 STANDARDIZATION ROAD MAPS OF ALL SECTIONAL COMMITTEES

11.1 During the 23rd Standards Advisory Committee (SAC) Meeting held on 30th December 2021, the strategic road map of TXDC was approved by SAC. It was further decided that Sectional Committees may also frame their respective Standardization Road Maps, as had been envisaged as part of strategic planning, within the next four months.

Each technical committee has prepared the Annual Program for Standardization (APS) for the year 2024-25, for working proactively on new subject areas for standardization and prioritize the review of existing standards to strategize standards development in accordance with the need and priorities of the industry, and addresses emerging standardization needs aligned with national priorities. The APS 2024-25 for the technical committees under TXDC are available on BIS portal.

11.1.1 The Council may please **NOTE**.

Item 12 NEW INITIATIVES AND PROCESS REFORMS IN STANDARDIZATION

12.1 The Bureau of Indian Standards (BIS) initiated a series of process and structural reforms in standard formulation aligned with the ambition to establish BIS as one of the premier National Standards Bodies globally. These reforms are designed to ensure the successful implementation of the SNAP 2022-27, streamline the standardization activities, and position BIS as a future-ready organization. The competent authority has identified the following key areas for addressing/improvement:

- a) Annual Programme for Standardisation
- b) Identification of emerging areas for standard formulation and updation
- c) Identification of domain area experts for inclusion in division councils and technical committee
- d) Efficiency in the functioning of technical committees
- e) Review of standards
- f) Aligning Indian Standards to International Standards for better integration of the country's economy with the global supply chain
- g) Addressing the issue of sustainability
- h) Promoting the culture of research
- i) Support mechanism for standardisation

A detailed guideline addressing the above points, as issued by competent authority is given in [Annex 26](#) (Pages 274 to 279).

12.1.1 The Council may please **NOTE**.

12.2 Chair on Standardization

To establish co-operation in the areas of standardization and conformity assessment which include participation in standardization activity through technical committees, undertaking R&D projects related to standardization, jointly organizing workshop, seminars, symposia or lectures, on the topics of standardization and conformity assessment, incorporating topics on standardization and conformity assessment in academic, to explore the possibility of setting up center of excellence in the field of standardization, testing and conformity assessment etc, BIS has signed MoUs with various leading institutes

Following institutes have completed the process of appointment of Standardization Chairs:

- 1) Indian Institute of Technology (ISM), Dhanbad
- 2) Indian Institute of Technology, Gandhinagar
- 3) Indian Institute of Technology, Indore
- 4) Indian Institute of Technology, Kanpur
- 5) Indian Institute of Technology, Madras
- 6) Indian Institute of Technology, Patna
- 7) Indian Institute of Technology, Roorkee
- 8) Indian Institute of Technology-BHU, Varanasi
- 9) Malviya National Institute of Technology (MNIT), Jaipur
- 10) National Institute of Technology, Tiruchirappalli
- 11) National Institute of Technology, Calicut
- 12) National Institute of Technology, Rourkela

12.2.1 The council may please **NOTE**.

12.3 Standards Development Organization (SDO) Recognition Scheme

Section 10 (2) (C) of the BIS Act 2016 and Rule 30 of the BIS Rule 2018 framed there under, empowers BIS to recognize or accredit any institution in India or outside which is engaged in standardization, so as to ensure that there is synergy in the standardization work taking place in the country and that there is no overlap or duplication of the work carried out by other Standards Developing Bodies in the country. Further, the provisions of Section 10 (2) (b) also empower BIS to adopt as Indian Standards, any standard established by any other institution in India or elsewhere in such manner as may be prescribed in BIS Rules.

With the objective of ensuring that there is only one national standard for one subject in the country, a system of recognition of other Standards Developing Organization along with a provision for recognition of their standards as Indian Standards has been introduced through the launch of a Scheme for Recognition of Standards Developing Organization by BIS.

The scheme envisages fulfilment of the following two main objectives:

- (i) The process of standards development of recognized SDOs would be compliant with the WTO-TBT Code of Good Practice and therefore aligned with globally accepted practices.

(ii) Bring synergy in the standardization efforts of various SDOs in the country with that of BIS through information exchange so as to work towards the objective of having a single national standard on any subject by avoiding duplication, overlap and conflict and where necessary through recognition of an SDO standard as Indian Standard.

Research Design and Standards Organization (RDSO), Ministry of Railways, Directorate of Standardization, Ministry of Defense, and Directorate of Marketing and Inspection, Ministry of Agriculture and Farmers Welfare have been granted recognition under the scheme. BIS is also making efforts in encouraging other SDOs to get themselves recognized by BIS under the scheme.

12.3.1 The Council may please **NOTE**.

12.4 Introduction of Academic Curriculum on Standardization in Colleges and Institutions

BIS proposes to promote integration of Indian Standards in curricula of technical courses. Presently, engineering students use few of the basic standards like drawing codes, concrete and steel design codes, test methods for textiles including technical textiles etc. in their studies. Another proposal is to introduce course on standardization in the academic curriculum of engineering colleges in order to make the student fraternity aware of the importance of standards in their profession as well as to make them future ready for effectively undertaking the task of standard development. Introducing the course on standardization in a structured manner will also help in generating the interest of student in this activity at an early stage. BIS will also approach IITs/NITs and AICTE for the above purpose and modalities for the same will be decided in consultation with them. Additionally, BIS has signed MoUs with around 90 leading academic institutes, including IITs, IIMs, and NITs, and has established chairs on standardization in 12 academic institutions.

As a part of new initiative by Bureau of Indian Standards, Textiles department has delivered the following guest lectures/educational outreach programs:

- a) An education outreach program was conducted with the faculty of University of Visvesvaraya, College of Engineering, Bengaluru in coordination with Bangalore Branch Office (BNBO) on 05 October, 2023.
- b) A Guest lecture on ‘An Overview of Standardization Activity of BIS’ and ‘Standardization in the Field of Medical Textiles’ was delivered on 05 October, 2023 at Veermata Jijabai Technological Institute (VJTI), Mumbai.
- c) An education outreach program was conducted with the faculty of Sardar Vallabhbhai National Institute of Technology, SVNIT, Surat in coordination with Surat Branch Office (SUBO) on 07 October 2023.
- d) An education outreach program was conducted with the faculty of Dhirubhai Ambani Institute of Information and Communication Technology, DA-IICT, Ahmedabad in coordination with Ahmedabad Branch Office (AHBO) on 08 October 2023.

- e) A Guest lecture on ‘An Overview of Standardization Activity of BIS’ and ‘Standardization in the Field of Technical Textiles for Agrotech and Mobiltech Applications’ were delivered on 13 October, 2023 at Anna University, Chennai.
- f) An education outreach program was conducted with the faculty of Andhra University, College of Engineering Visakhapatnam in coordination with Vijayawada Branch Office (VJBO) on 16 October, 2023.
- g) A Guest lecture was delivered on ‘An Overview of Standardization Activity of BIS’ and ‘Standardization in the Field of Technical Textiles for Agrotech Applications’ on 16 October 2023 at UPTTI Kanpur.
- h) An education outreach program was conducted with the faculty of Veermata Jijabai Technological Institute, Mumbai in coordination with Mumbai Branch Office (MUBO-I) on 21 February, 2024.
- i) An education outreach program was conducted with the faculty of Uttar Pradesh Textile Technology Institute, Kanpur in coordination with Lucknow Branch Office (LKBO) on 07 March, 2024.

12.4.1 The Council may please **NOTE**.

12.5 Digitization of Standardization Processes and Standards

BIS has developed eBIS (www.manakonline.in) bringing a wide range of activities like standards formulation, conformity assessment, testing, training, etc. under a single online portal. In order to cater to the growing demand and to make standardization process more efficient and fast as identified in the Standards National Action Plan (SNAP), BIS has migrated the entire standards formulation activity to an online mode. This covers committee management, meeting management and document development processes with provisions such as for submission of online requests for committee membership, submission of new subject proposal online and its processing, submission of comments on published standards & draft standards online, technical committee members login and providing them access to meeting schedules, meeting documents & related communications, communications on circulation of P-drafts & WC-drafts and access to such documents online, online access to published standards and amendments, etc.

12.5.1 The Council may please **NOTE**.

12.6 Revamped process of Review of Standards

All Indian standards as a policy and accepted practice, are reviewed at least once in five years in order to determine its continued relevance and to assess the need for any changes including the need to align with the international standards.

The review process has been revamped such that when a standard is due for review, a basic evaluation is made on the present position of base standard, technological developments in the country or elsewhere that may be relevant, harmonization status against International Standards, etc. and a thorough evidence-based review of standards considering the latest technological developments globally using an Action Research approach through a Review Module in the BIS Standards Portal is thereafter taken up.

The detailed review covers the following:

- i) Study and analysis of relevant international standards
- ii) Literature survey
- iii) Interaction with the industry on changes in technologies, practices, testing (including where necessary visiting relevant industry and feedback from laboratories or certification).
- iv) Interaction with BIS offices and labs for feedback on certification and test method related issues.

The outcome of such review may result in the standard being reaffirmed, revised, amended, withdrawn or archived.

12.6.1 The Council may please **NOTE**.

12.7 Pro-active actions for dissemination of information through social media

Since last meeting of the Council, a series of important Indian Standards have been published and number of workshops/ seminars have been conducted by BIS for dissemination of information about these. In order to reach large number of stakeholders and communicate effectively with them, social media tools like Facebook, Instagram, WhatsApp, Twitter, LinkedIn, Youtube, Instagram, etc are being utilized. BIS may be followed at below mentioned links for information on BIS activities:

Twitter: <https://twitter.com/indianstandards>

Facebook: <https://www.facebook.com/IndianStandards/>

LinkedIn: <https://in.linkedin.com/company/bureau-of-indian-standards>

Youtube: <https://www.youtube.com/c/BureauofIndianStandards>

Instagram: <https://www.instagram.com/indianstandards>

BIS care Application (Android/IOS): <https://www.bis.gov.in/index.php/bis-apps/>

Know your standard: https://www.bis.gov.in/index.php/branch_important_lin/know-your-standards/

12.7.1 The Council may please **NOTE**.

12.8 BIS Talks on Standardization in the field of Textiles

12.8.1 As a part of series on BIS Talks, a video film on Standardization in the field of textiles has been brought out to help widely disseminate among the stakeholders the information about available Indian Standards in textiles sector including technical textiles. The above video on BIS Talks has been uploaded in youtube and can be viewed using the link:

<https://www.youtube.com/watch?v=f2a1azGd5cs>

12.8.1.1 The Council may please **NOTE**.

12.8.2 The information about above BIS Talks may be circulated widely and may be viewed by all stakeholders for better appreciation of the Indian Standards formulated in the field of Textiles. The video may be also used during professional Conferences/Training Programs and also in Classroom Teaching in academics. It can also be used in various programs such as induction training for the newly recruited officials in Institutions/Government Departments/Companies and for refresher training of officials.

12.8.2.1 The Council may please **NOTE**.

12.9 Availability of Indian Standards

All published Indian Standards (including adoption of ISO standards) are downloadable through the e-sale portal of BIS, www.standardsbis.in. Soft copies of the indigenous Indian Standards are now available for access from the BIS' website, without any payment/cost. Kindly visit, the following URL for downloading the standards:

<https://www.services.bis.gov.in:8071/php/BIS/PublishStandards/published>

12.9.1 The Council may please **NOTE**.

12.10 Training to Technical Committee Members on standardization

As a part of capacity building of the technical committee members on standardization processes and procedures, BIS is organizing training programs to sensitize them and train them on standardization and on the usage of digital tools in the standard formulation process.

12.10.1 The Council may please **NOTE**.

12.11 Formation of Search Committee

As per the guidelines issued under the structural reforms in BIS, a Search Committee Committee comprising the following members from TXDC has been constituted with approval of Chairperson, TXDC to recommend co-options of organizations /experts on various Sectional committees under TXDC:

- 1) Dr M S Parmar, NITRA, Ghaziabad (Convener)
- 2) Prof A K Samantha, IJT, Kolkata
- 3) Dr Anup Rakshit, ITTA, Mumbai
- 4) Dr Raj Singh Antil, TAI, Delhi
- 5) Representative from CITI, Delhi

12.11.1 A meeting of above search committee was held on 21 May, 2024. The list of organization/experts recommended by the search committee in various technical committees is given in [Annex 27](#) (Pages 280 to 281).

12.11.1 The Council may please **CONSIDER** and **APPROVE**.

12.12 Recognition of Contributions of Technical Committees and its Members

12.12.1 The success of national standardization is fully dependent on the efforts and voluntary contribution of the BIS technical committee members. For sustaining standardization work it is necessary to attract participation and ensure the continued interest of relevant experts in standards development activities, undertake outreach to share relevant information with them and to take measures to facilitate their participation. Since standardization is primarily driven by individual interest and voluntary contribution of members of technical committees, it is also important that such contributions are recognized, acknowledged and appreciated so that the experts involved in standardization work value their involvement and association with BIS and national standardization efforts. This has also been identified as one of the action points towards achieving BIS's strategic objective of enhancing stakeholder engagement, as indicated in the Standards National Action Plan of BIS.

12.12.2 With this objective, therefore, BIS has proposed to institute the following recognitions/awards acknowledging contribution of individual members/experts and BIS technical committees and the Standards Advisory Committee, SAC of BIS has approved the same during its meeting dated 30 December 2021:

i) BIS Committee of the Year Award – to recognize significant contribution and outstanding performance of a BIS Sectional Committee or Sub-committee in development of Indian Standards

ii) Certificate of Excellence to Committee Members – to recognize members of technical committees for their long association with BIS and their outstanding technical contribution to national standardization work.

iii) Letter of Appreciation to Committee members – to recognize significant contribution of members of technical committees in developing standard(s) that can be considered to be major development in the subject areas in national standardization.

12.12.2.1 The Council may please **NOTE**.

Item 13 CO-ORDINATION OF STANDARDIZATION WORK INVOLVING HORIZONTAL SUBJECTS

13.1 A number of horizontal issues that are relevant to and that impact standardization work that is taking place across multiple technical committees, irrespective of their subject, sector or technology, are increasingly gaining prominence. These include subjects/issues like sustainability, UN-SDGs 2030, climate change, circular economy, accessibility, digital technologies and gender responsiveness in standardization. There is a need to strategize and co-ordinate the national standardization efforts happening across various committees on such issues in order to ensure that the work takes place in a well co-ordinated manner, in synergy and with a unified approach. Globally, many of the National Standards Bodies have made commitments to address such issues in their standardization efforts by joining hands in endorsing declarations like the Gender Responsive Standards Declaration of UNECE and the ISO London Declaration (a climate commitment). In light of the above, there is therefore a need to provide a suitable mechanism and structure to effectively manage such efforts in BIS. A number of Co-ordinating Committees may be created to address such aspects/issues of standardization, recognizing that the domain of such subjects is of relevance to multiple technical committees.

In accordance with the above, Standards Advisory Committee during its 23rd meeting held on 30 Dec 2021 has endorsed the proposal for creation of the five Co-ordinating Committees, along with assignment of respective Secretariat responsibilities to various Technical Departments of BIS as given below, in order to effectively coordinate and synchronize the work across various technical committee.

- a) Sustainability Co-ordinating Committee – Chemical Engineering Department (CHD) (First meeting held on 14 February 2022, Second Meeting held on 30 April, 2024)
- b) Circular Economy Co-ordinating Committee – Chemical Engineering Department (CHD) (First meeting held on 21 June 2022, Second meeting held on 27 April 2023 and Third meeting held on 26 April, 2024)
- c) Digital Technologies Co-ordinating Committee – Electronic Information Technology Department (LITD) (Third meeting held on 12 April 2024)
- d) Accessibility Co-ordinating Committee – Production and General Engineering Department (PGD) (Second meeting held on 08 May 2024)
- e) Gender responsiveness Co-ordinating Committee – Production and General Engineering Department (PGD) (First meeting was held on 08 May, 2024)

13.1.1 The Council may please **NOTE**.

Item 14 MANDATORY CERTIFICATIONS UNDER TXDC

14.1 Quality Control Orders on Technical Textile Items:

In an effort to establish a high-quality ecosystem within the nation and curb the import of sub-standard products into India, a total of 151 Indian Standards relating to Technical Textiles and other Textile products have been identified for the issuance of Quality Control Orders (QCO). This initiative is being overseen by both the Ministry of Textiles (MoT) and the Department of Chemicals and Petrochemicals (DCPC). After multiple rounds of consultations with manufacturers, user ministries, laboratories, industry associations (including FICCI, CII, ITTA, CITI, SIMA), and other stakeholders. MoT has already issued QCOs on 12 protective textile items effective from 07 October, 2023, 19 geosynthetics products effective from 01 January, 2024, 20 agrotextile products effective from 01 July, 2024, cotton bales effective from 27 August, 2024, 6 medtech items effective from 01 October, 2024, and 5 HDPE/PP bags for packing fertilizers, cement, polymer, mail sorting effective from 06 June, 2024.

The list of Indian Standards covered under QCO for protective textile items, geosynthetics products, agrotextile products, medtech items, HDPE/PP bags are given in [Annex 28](#) (Pages 282 to 285).

14.1.1 The Council may please **NOTE**.

14.2 Additionally, QCO on 48 medical textile products fall under the purview of the Central Drugs Standard Control Organization (CDSCO).

The list of Indian Standards covered under QCO for 48 medical textile products are given in [Annex 29](#) (Pages 286 to 287).

14.2.1 The Council may please **NOTE**.

14.3 In Phase-III, Ministry of Textile is considering to issue QCO on 38 more textiles items in the areas of buildtech, indutech, ropes and cordages, floor coverings and other conventional textiles etc. The details of Phase III items are given in [Annex 30](#) (Pages 288 to 289).

14.3.1 The Council may please **NOTE**.

14.4 Apart from the above, QCOs on 4 HDPE/PP bags, 6 Jute and Jute Products, Viscose staple fibres, Polyester fiber and yarn (FDY, POY, PSF, IDY, PSY) and for the following items have already been issued by MOT and DCPC:

Sl No.	IS No.	Title	Date of Implementation
1.	IS 14252 : 2015	Textiles — High density polyethylene (HDPE)/polypropylene (PP) woven sack for filling sand — Specification (<i>second revision</i>)	20 Oct 2020
2.	IS 14887 : 2014	Textiles — High density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging of 50 kg food grains — Specification (<i>first revision</i>)	20 Oct 2020
3.	IS 14968 : 2015	Textiles — High density polyethylene (HDPE)/polypropylene (PP) woven sacks for packing 50 Kg/25 kg sugar — Specification (<i>first revision</i>)	20 Oct 2020
4.	IS 16208 : 2015	Textile — High density polyethylene (HDPE)/polypropylene (PP) woven sacks for packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg foodgrains — Specification	20 Oct 2020
5.	IS 1943 : 1995	Textiles — A-twill jute bags — Specification (<i>second revision</i>)	06 June 2022
6.	IS 2566 : 1993	Textiles — B-twill jute bags for packing foodgrains — Specification (<i>third revision</i>)	06 June 2022
7.	IS 12650 : 2018	Textiles — Jute bags for packing 50 kg foodgrains — Specification (<i>third revision</i>)	06 June 2022
8.	IS 15138 : 2010	Textiles — Jute bags for packing 50 kg sugar — Specification (<i>first revision</i>)	06 June 2022
9.	IS 16186 : 2014	Textiles — Lightweight jute sacking bags for packing 50 foodgrains — Specification	06 June 2022
10.	IS 16372 : 2015	Textiles — Jute bags for packing up to 30 kg foodgrains — Specification	06 June 2022
11.	IS 17266 : 2019	Textiles — Viscose staple fibres — Specification	29 Mar 2023
12.	IS 17263 : 2023	Textiles — Polyester staples fibres — Specification (<i>first revision</i>)	03 Apr 2023

13.	IS 16481 : 2022	Textiles — Synthetic micro-fibres for use in cement based matrix — Specification (<i>first revision</i>)	03 Apr 2023
14.	IS 17261 : 2022	Textiles — Polyester continuous filament fully drawn yarns — Specification (<i>first revision</i>)	03 July 2023
15.	IS 17262 : 2022	Textiles — Polyester partially oriented yarn (POY) — Specification (<i>first revision</i>)	03 July 2023
16.	IS 17264 : 2022	Textiles — Polyester industrial yarn — Specification (<i>first revision</i>)	03 July 2023
17.	IS 17265 : 2023	Textiles — 100 percent polyester spun grey and white yarn — Specification (<i>second revision</i>)	03 July 2023
18.	IS 12171 : 2024	Cotton bales — Specification (<i>fourth revision</i>)	27 Aug 2024 under Scheme II

14.4.1 The Council may please **NOTE**.

Item 15 CONSULTATIVE GROUPS ON SUSTAINABILITY

15.1 The concept of sustainability has gained paramount importance over the past few years. The 2030 Agenda for Sustainable Development, adopted by all United Nations Member States, provides a shared blueprint for peace and prosperity for people and the planet, now and into the future. At its heart are the 17 Sustainable Development Goals (SDGs), which are an urgent call for action by all countries. Standards and their implementation are foundational to the attainment of SDGs. BIS as the National Standards Body has the responsibility to ensure that national standards facilitate achievement of Sustainable Development Goals. To address the issue sustainability in Indian Standards, the Consultative Groups on sustainability having pool of experts from industries and civil society groups has been created.

The first meeting of consultative group on sustainability was held on 22 May 2024. The scope and the term of reference of consultative groups and present composition has been enclosed in [Annex 31](#) (Pages 290 to 291).

15.1.1 The council may please **NOTE**.

Item 16 BIS CERTIFICATION SCHEMES

16.1 The following certification schemes are being presently operated by BIS:

a) **Product Certification** – In respect of quality of products in conformity to various Indian standards. The list of Indian standards published under TXDC and the no. of BIS certification marks licences operative against them is given in [Annex 32](#) (Pages 292 to 298).

b) **Ecomark Certification Scheme**

- c) **Hallmarking Scheme for Gold and Silver**
- d) **Quality Management Systems Certification** – For IS/ISO 9000 series of standards.
- e) **Environmental Management Systems Certification** – Against IS/ISO 14001.
- f) **HACCP Certification** – For Hazard Analysis and Critical Control Point against IS 15000 and IS/ISO 9000 series of standards.
- g) **Occupational Health and Safety Management System** - as per IS 18001:2007 & IS/ISO 45001.
- h) **Food Safety Management Systems** – as per IS/ISO 22000:2018.
- i) **Information Security Management System** – as per IS/ISO/IEC 27001:2005 & IS/ISO/IEC 17799:2022.
- j) **BIS Certification Schemes for Foreign Manufacturers and Indian Importers** – For items under mandatory certification for goods being imported in India in line with the notifications issued by Director General of Foreign Trade.
- k) **Quality Management Systems for service quality by Public Service Organizations** – as per IS 15700:2018.
- l) **Energy Management System** - as per IS/ISO 50001
- m) **Electronics and Information Technology Goods (Requirements for Compulsory Registration) Scheme issued by Ministry of Information and Technology, Department of Electronics and IT(DeitY)** - A scheme for mandatory regime of registration of identified electronic products so that these products meet specified safety standards has been launched effective from April 03, 2013.
- n) **Medical Device Management System**- As per IS/ISO 13485
- o) **Medical Devices – Quality Management System requirements and Essential Principles of Safety & Performance for Medical Devices** – As per IS 23485
- p) **Social Accountability at Workplace** – As per IS/ISO 16001
- q) **Road Traffic Safety Management System Certification Scheme** – As per IS/ISO 39001
- r) **Adventure Tourism Safety Management System** - As per IS / ISO 21101:2014

- s) **Anti Bribery Management System** - As per IS/ISO 37001:2016
- t) **Ready Mixed Concrete Certification Scheme** - As per ISO 9001 along with IS 4926
- u) **Integrated Milk Certification Scheme for Packaged Pasteurized Milk** - As per IS 13688 alongwith ISO 22000
- v) **Educational Organizations Management System (EOMS)** – As per IS/ISO 37001:2016
- w) **Piped Drinking water Supply management system** – As per IS 17482 : 2020
- x) **Ready-Mix Concrete process certification** – As per IS 4926
- y) **Online Consumer Reviews Principles and Requirements for the Collection, Moderation and Publication for Online Reviews** – As per IS 19000

16.1.1 The Council may please **NOTE**.

Item 17 NATIONAL INSTITUTE FOR TRAINING IN STANDARDIZATION (NITS)

17.1 The training schedule of the trainings offered by National Institute for Training in Standardization (NITS), NOIDA is available on BIS website www.bis.gov.in and www.manakonline.in.

17.1.1 The Council may please **NOTE**.

Item 18 WTO – TBT ENQUIRY POINT

18.1 World Trade Organization (WTO) is the International Organization dealing with global rules of trade between nations. The Technical Barrier to Trade Agreement (TBT) tries to ensure that Regulations, Standards, Conformity Assessment Procedures do not create unnecessary obstacles to trade. Manufacturers and exporters of each country need to know about the latest standards and technical regulations in their prospective markets. To help ensure that this information is made available conveniently, all WTO member Governments are required to establish National Enquiry Point. India has to fulfill certain obligations such as establishing an enquiry point and transparency of its standards and its regulations. BIS functions as the enquiry point as nominated by Ministry of Commerce, the dealing Ministry with WTO.

18.2 As the WTO TBT Enquiry Point, BIS answers all the reasonable enquiries pertaining to Technical Regulation, Standards and Conformity Assessment procedures addressed to it from the Enquiry Points of other countries. It also serves as the information centre within the country.

18.3 Additionally, BIS also disseminates the TBT Notifications of other member bodies to the National Stakeholders. The stakeholders are expected to examine the notifications on the following aspects:

- a) Are the notifications in accordance with International Standards?
- b) Are they stricter than the International Standards?
- c) Are they stricter than the International Standards necessary to meet the legitimate objective of
 - Protection of human health or safety
 - Animal or plant life or health
 - Environment Protection

18.4 The awareness regarding TBT notifications is lacking among various stakeholders in India and as a result India is not sending its comments on draft notifications by other countries, which may be of trade interest to India. As signatory of WTO-TBT Agreement, there is a greater need for us to be aware of the TBT notifications issued by different countries in order to protect our interest.

18.5 The BIS Technical Committees have also been identified as stakeholders for the TBT Notifications and relevant notifications are being disseminated to them. The Committee members should examine the TBT Notifications with a view to protect Indian trade interest.

18.6 The e-mail address of BIS Enquiry Point is info@bis.gov.in

18.6.1 The Council may please **NOTE**.

Item 19 DATE AND PLACE FOR THE NEXT MEETING

Item 20 ANY OTHER BUSINESS

ANNEX 1

(Item 1.1)

COMMENTS ON THE PROCEEDINGS OF THE LAST MEETING

a) Commentator: Dr. A. N. Desai, Scientific Member, SITRA Council

Comment:

Dear Sri Gupta,

Many thanks for quick action on circulation of proceedings of the Division council meeting recently held.

Regarding the committee (Any other matter 19.1) formed may restrict to suggest chairperson and members of the new sectional committee. Title, scope etc may be decided by the new committee formed consisting of those who have worked on conducting fabrics/smart textiles and individual entrepreneurs who are in this line along with BIS officers. Since it's a new area it's essential that individual entrepreneurs themselves and researchers/academics/testing persons only are required in the committee.

Hope this suggestion is in keeping with the requirements for a new committee in a new area.

Regards,

A. N. Desai

b) Commentator: Shri Anand Majaria, Delta Ropes Manufacturing Co., Kolkata

Comment:

Dear Sirs,

The 24th TXDC meet was very informative, good attendance was encouraging. The circulation of proceedings in such a short time is appreciable.

Request to please consider co-opting Indian Institute of Carpet Technology, Bhadohi which may be helpful.

ANNEX 2

(Item 2.1)

SUMMARY OF ACTIONS TAKEN ON THE MINUTES OF THE LAST MEETING

ITEM NO.	BRIEF DESCRIPTION OF DECISION TAKEN	ACTION TAKEN
3.1	Scope and Composition of The Textile Division Council (TXDC)	Updated composition is given in Annex 2.
4.1	Appointment of Chairmen of TXD 01, , TXD 07, TXD 09, TXD 23, TXD 31, TXD 35, and TXD 40	Appointments accepted by the respective Chairmen.
5.1	Reconstitution of 26 Sectional Committees under TXDC	Changes incorporated.
5.2 and 5.3	Co-options and withdrawals in Sectional Committees	Updated compositions are given in <u>Annex 3</u> .
6.1	Transfer of Indian standard	Transferred
6.2	Withdrawal of standards	Withdrawn
10	The Council requested Sectional Committees to frame their respective Standardization Road Maps, as had been envisaged as part of strategic planning, within the next four months.	Coming up for discussion under Agenda item 11 .
19.1	The Council constituted the following panel to recommend the Title, Scope, Chairperson and Composition of the New Committee on Smart Textiles/ E-Textiles: a) Dr. A. N. Desai, Scientific Member, SITRA Council, Coimbatore b) Dr. G. Thilagavathi, PSG College of Technology, Coimbatore c) Representative of IIT, Delhi d) Dr. Mrinal Chaudhury, WRA, Mumbai e) Dr. Anup Rakshit, ITTA, Mumbai f) Shri J. K. Gupta, Head Textiles	The panel meeting was held on 28 May, 2024 under the convenorship of Dr. A. N. Desai, Scientific Member, SITRA Council, Coimbatore. Coming for discussion under Agenda item 5.6 .

19.2	<p>The council suggested for conducting a webinar on Natural Dyes with the relevant stakeholders to disseminate information on standards formulated by BIS on the subject.</p> <p>Further, the council requested Textiles Speciality Chemicals & Dyestuffs Sectional Committee, TXD 07 to first develop a comprehensive Indian Standard on Natural Dye Mark Protocol</p>	<p>The subject/task was referred to the concerned technical committee for the needful action.</p>
19.3	<p>The council referred the request made by Dr. Nivedita S, CSTRI, Bangalore during the meeting to formulate standard on Sanitary Napkin made from Natural Fibers to be taken up appropriately in Technical Textiles for Medtech Applications Sectional Committee, TXD 36</p>	<p>-do-</p>
19.5	<p>The council referred the request made by Dr. M. S. Parmar, NITRA, Ghaziabad during the meeting to formulate standard on test method for identification of Bamboo, Banana and other natural fibers to be taken up appropriately in the Chemical Methods of Test Sectional Committee, TXD 05 and/or Physical Methods of Test Sectional Committee, TXD 01</p>	<p>-do-</p>

ANNEX 3

(Item 3.1)

SCOPE AND COMPOSITION OF THE TEXTILES DIVISION COUNCIL (TXDC)

SCOPE: Standardization in the field of textiles and apparel covering natural and man-made fibres and their products, dyestuffs, textile speciality chemicals, textile machinery and technical textiles.

Meeting(s) held

Date & Place

23rd Meeting

09 April 2021, Through Cisco Webex

24th Meeting

19 April 2022, Through Cisco Webex

25th Meeting

19 May 2023, Through Cisco Webex

CHAIRMAN : **Dr Arindam Basu**, Director General, Northern India Textile Research Association, Ghaziabad (since 21-08-2019)

S. No.	Name of the Organization	Represented by Principal (Alternate)	Attendance
1.	3M India Limited, Bangalore	Shri Kulveen Singh Bali	2/3
2.	Ahmedabad Textile Industry's Research Association, Ahmedabad	Smt Deepali Plawat (Shri Jigar Dave)	1/3
3.	All India Flat Tape Manufacturers' Assn, Bangalore	Shri Surendra Choudhary	3/3
4.	Apparel Export Promotion Council, New Delhi	Secretary General (presently Shri Mithileshwar Thakur)	2/3
5.	Arvind Mills, Ahmedabad	Shri Pavitra Sahoo (Smt Palak Kakkar)	1/3
6.	Association of Synthetic Fibre Industry, Mumbai	Shri S C Kapur (Shri M S Verma)	2/3
7.	Business Coordination House Pvt Ltd, New Delhi	Shri Samir Gupta (Smt Ritika Gupta)	2/3
8.	Carpet Export Promotion Council, New Delhi	Chairman (Executive Director cum Secretary)	1/3
9.	Central Pollution Control Board, Delhi	Shri Kamlesh Singh	2/3
10.	Central Silk Board, Bangalore	Dr. Y.C. Radhlakshmi (Dr. Prakash N. Bhat)	3/3
11.	Chemical and Petrochemical Manufacturers' Association, New Delhi	Shri Dhanajay Sahoo (Shri Uday Chand)	2/3
12.	Coir Board, Kochi	Dr. Shanmugasundaram O L (Smt. Sumi Sebastian)	3/3
13.	Confederation of Indian Industries, New Delhi	Shri Suwendu Mahapatra (Smt. Shweta Mandal)	1/3
14.	Confederation of Indian Textile Industry, New Delhi	Smt Chandrima Chatterjee (Shri Anmol Gupta)	1/3

15.	Defence Materials & Stores Research & Development Establishment (DMSRDE), Kanpur	Dr. Ashok Kumar Yadav (Dr. Biswa Ranjan Das)	1/3
16.	Department of Jute and Fibre Technology Institute of Jute Technology, University of Calcutta, Kolkata	Prof A K Samanta Prof S K Ghosh	3/3
17.	Directorate General of Quality Assurance (DGQA), Ministry of Defence	Shri Purushottam De (Shri Mahender Singh)	3/3
18.	Directorate of Standardization, Ministry of Defence, New Delhi	Lt Col Praveen Deo (Shri V K Chhabra)	1/3
19.	Export Inspection Council of India, New Delhi	Director	0/3
20.	Federation of Indian Chambers of Commerce & Industry, New Delhi	Shri Chetan Beijure (Shri Ajay Chaubey) (Shri Ritik Setia)	2/3
21.	Grasim Birla Cellulose	Smt Shailley Garg (Smt Ashmita Panchal)	2/3
22.	ICAR - Central Institute for Research on Cotton Technology, Mumbai	Dr. S K Shukla (Dr. Sujata Saxena)	3/3
23.	ICAR - Central Institute of Fisheries Technology, Kochi	Dr. George Ninan (Dr. M.P. Remesan)	2/3
24.	ICAR - National Institute of Natural Fibre Engineering and Technology – ICAR, Kolkata	Dr D B Shakyawar (Dr Surajit Sengupta)	3/3
25.	Indian Council of Medical Research (ICMR), New Delhi	Smt Sadhana Srivastava	3/3
26.	Indian Institute of Packaging, New Delhi	Dr Tanweer Alam (Shri Tushar Bandyopadhyay)	3/3
27.	Indian Jute Industry's Research Association, Kolkata	Dr A K Sharma (Smt. Saumita Choudhury)	1/3
28.	Indian Jute Mills Association, Kolkata	Shri Samir Kr Chandra (Shri Bhudipta Saha) (Shri Tanmoy Singha), YP	3/3
29.	Indian Rope Manufacturers' Association, Kolkata	Shri Nirmal K Somani (Shri Anand Majaria)	1/3
30.	Indian Sugar Mills Association, New Delhi	Ms. Bharati Balaji (Ms. Priya Chakraborty)	3/3
31.	Indian Technical Textile Association, Mumbai	Dr Anup Rakshit (Smt Ruchita Gupta)	2/3
32.	Indian Textile Accessories & Machinery Manufacturers' Association, Mumbai	Secretary General	0/3
33.	JCT Limited, Phagwara	Shri Khushwinder Singh Dhillon (Shri Arwinder Singh)	1/3
34.	Khadi & Village Industries Commission, Mumbai	Director (Khadi Dept) (presently Shri P Nallamuthu)	2/3

35.	Ministry of Consumer Affairs, Food & Public Distribution	Shri A K Jain	0/3
36.	National Accreditation Board for Testing and Calibration Laboratories (NABL), Gurugram	Shri N. Venkateswaran (Shri Nitán Garg) (Shri Rahul Jain), YP	1/1
37.	National Committee on Precision Agriculture and Horticulture, Ministry of Agriculture & Farmer Welfare	Shri Anand Zambre (Sh K K Kaushal)	3/3
38.	National Institute of Fashion Technology, New Delhi	Dr Monika Gupta	1/3
39.	National Textile Corporation Limited, New Delhi	Shri A N Bajpai (Shri H S Sachdev)	0/3
40.	Northern India Textile Research Association, Ghaziabad	Dr M S Parmar (Ms Neha Kapil)	3/3
41.	Office of Textile Commissioner, Ministry of Textiles, Mumbai	Shri Sourabh Kulkarni (Shri Sivakumar S)	2/3
42.	Office of the Development Commissioner, (MSME), New Delhi	Shri Kuldeep Singh (Shri U C Shukla)	0/3
43.	Office of the Development Commissioner, for Handloom, New Delhi	Shri Nipun Pandey (Shri B K P Angam)	0/3
44.	Office of the Development Commissioner (Handicrafts), New Delhi	Shri S S Gupt (Shri K K Malik)	1/3
45.	Office of the Jute Commissioner, Kolkata	Shri Soumyadipta Dutta	1/3
46.	Reliance Industries Limited, Mumbai	Shri Ajay Sardana (Shri Ajay Gupta)	1/3
47.	Research, Design and Standards Organization, Lucknow	Director (GE-I) ARE (GE)	0/3
48.	SGS Limited, Gurgaon	Smt Niti Kumar (Shri Shailesh Sharma)	1/3
49.	Textiles Committee, Mumbai	Shri J D Barman (Shri R Chandran)	2/3
50.	Textile Machinery Manufacturers' Assn (India), Mumbai	Chairman (Secretary)	2/3
51.	The Synthetic and Art Silk Mills Research Association, Mumbai	Dr Manisha Mathur (Smt Ashwini A Sudam)	3/3
52.	The Textile Association (India), Delhi	Dr R S Antil (Shri Kamal Mishra)	2/2
53.	U P Textile Technology Institute, Kanpur	Prof Mukesh Kumar Singh (Prof Alok Kumar)	0/3
54.	Consumer VOICE, New Delhi	Shri M A U Khan	3/3
55.	Wool Research Association, Thane	Smt Seema Patel (Dr (Smt) Mrinal Choudhari)	2/3

EX-OFFICIO MEMBERS OF TXDC

S No.	Sectional Committee	Chairman
56.	Physical Methods of Test, TXD 01	Shri A. S. M. Raja, Principal Scientist ICAR – Central Institute for Research on Cotton Technology, Mumbai (CIRCOT)
57.	Jute and Jute Products, TXD 03	Shri Mology Chandan Chakraborty, Jute Commissioner, IDAS Ministry of Textiles
58.	Wool, Wool Products & Textile Floor Coverings, TXD 04	Dr D B Shakyawar, Director ICAR - National Institute of Natural Fibre Engineering and Technology, Kolkata
59.	Chemical Methods of Test, TXD 05	Dr Manisha Mathur, Joint Director SASMIRA, Mumbai
60.	Textiles Speciality Chemicals & Dyestuffs, TXD 07	Dr Sujata Saxena, Principal Scientist ICAR – Central Institute for Research on Cotton Technology, Mumbai (CIRCOT), Mumbai
61.	Handlooms and Khadi, TXD 08	Shri Vishesh Nautiyal, Director (NZ), Weavers Service Centre, New Delhi
62.	Cordage, TXD 09	Prof. (Dr) R Chattopadhyay, Emeritus professor, IIT Delhi
63.	Hosiery, TXD 10	Dr Prakash Vasudevan, Director, SITRA, Coimbatore
64.	Textile Materials for Aeronautical and Related Products, TXD 13	Dr Manoj Kumar, Director ADRDE Agra
65.	Textile Machinery and Accessories, TXD 14	Dr Nagahanumaiah, Director, Central Manufacturing Technology Institute, Bengaluru
66.	Textile Materials for Marine/Fishing Purposes, TXD 18	Dr M P Remesan, Principal Scientist, ICAR-CIFT, Kochi
67.	Made-up Textiles Including Ready- Made Garments, TXD 20	Dr Arindam Basu, Director General, NITRA, Ghaziabad
68.	Textile Materials Made from Polyolefins (Excluding Cordage), TXD 23	Dr Tanweer Alam, Addl. Director & RO, IIP, New Delhi
69.	Coir and Coir Products, TXD 25	Shri J. K. Shukla, Secretary, Coir Board, Kochi
70.	Silk and Silk Products, TXD 28	Director CSTRI, Bangalore (At present Dr. S Periyasamy)
71.	Geosynthetics, TXD 30	Dr A N Desai, Scientific Member SITRA Council, Coimbatore
72.	Man-made Fibres, Cotton and their Products, TXD 31	Dr Kartikay Dhanda, Director (Laboratories), Textile Committee
73.	Textile Protective Clothing, TXD 32	Dr Arindam Basu, Director General, NITRA, Ghaziabad
74.	Industrial Fabrics, TXD 33	Dr G. Thilagavathi, Professor & Head, Department of Textile Technology, Coimbatore

75.	Technical Textiles for Buildtech Applications, TXD 34	Prof Abhijit Majumadar, Professor, IIT Delhi
76.	Technical Textiles for Agrotech Applications, TXD 35	Dr Manisha Mathur, SASMIRA, Mumbai
77.	Technical Textiles for Medtech Applications, TXD 36	Dr Prakash Vasudevan, Director, SITRA, Coimbatore
78.	Technical Textiles for Sportech Applications, TXD 37	Dr Mrinal Chaudhary, Wool Research Association, Thane
79.	Technical Textiles for Mobiltech Applications, TXD 38	Dr M S Parmar, NITRA, Ghaziabad
80.	Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids, TXD 39	Shri A Chowdhury, Addl Controller SQAE (GS), DGQA, Kanpur
81.	High Performance Fibres, Fibrous Structure and Textile Components of Composites Sectional Committee, TXD 40	Dr Santhosh B, Scientist/Engineer SG Vikram Sarabhai Space Centre, Bangalore

ANNEX 4
(Item 5.1.1)

RECONSTITUTION OF SECTIONAL COMMITTEES

**SCOPE AND COMPOSITION OF Physical Methods of Test Sectional Committee
TXD 01**

SCOPE: To formulate Indian Standards for terminology and methods of physical test for all types of textiles; for example, fibres yarns and fabrics (woven, non-woven, knitted or felted) made from natural or Man-made fibres:

Meeting(s) held	Date & Place
25 th Meeting	04 Oct 2023, CISCO Webex
26 th Meeting	23 Nov 2023, CISCO Webex
27 th Meeting	10 April 2024, CISCO Webex

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	ICAR - Central Institute for Research on Cotton Technology (CIRCOT) Mumbai	Dr A. S. M. Raja (<i>Chairperson</i>)	3/3
2.	Ahmedabad Textile Industry's Research Association (ATIRA), Gujarat	Ms. Deepali Plawat Shri Jigar Dave (<i>Alternate</i>)	0/1
3.	Central Silk Technological Research Institute (CSTRI), Bangalore	Dr S. Periyasamy Dr Prakash Bhat (<i>Alternate</i>)	1/3
4.	Delta Ropes Mfg. Co., Kolkata	Shri Anand Majaria Shri Aayush Majaria (<i>Alternate</i>)	3/3
5.	DGQA (HQ), New Delhi	Shri R. K. Boruah Shri P. H. Tembhekar (<i>Alternate</i>)	2/3
6.	Garware Technical Fibres Limited, Pune	Shri Kishor Darda Shri Sachin Kulkarni (<i>Alternate</i>)	1/3
7.	ICAR - Central Institute for Research on Cotton Technology (CIRCOT), Mumbai	Dr T. Senthil kumar Dr Arputharaj A. (<i>Alternate</i>)	2/3
8.	ICAR - National Institute of Natural Fibre Engineering and Technology (NINFET), Kolkata	Dr Surajit Sengupta Dr Nagesh Kumar (<i>Alternate</i>)	3/3
9.	Imposub Solutions, Vadodara	Shri Girish T. Masand Shri T. D. Masand (<i>Alternate</i>)	3/3
10.	Indian Institute of Technology (IIT), Delhi	Prof. R. S. Rengasamy Prof. Apurba Das (<i>Alternate</i>)	2/3
11.	Indian Jute Industries Research Association, Kolkata	Ms. Soumita Chowdhury Shri D. P. Gon (<i>Alternate</i>)	3/3

12.	Indian Jute Mills Association, Kolkata	Shri S. K. Chandra Shri Bhudipta Saha (<i>Alternate</i>) Shri Rama Shankar Upadhyay (<i>YP</i>)	3/3
13.	Kusumgar Corporates, Mumbai	Shri Yogesh Kusumgar Dr M. K. Talukdar (<i>Alternate</i>)	3/3
14.	North India Textile Research Association, Ghaziabad	Shri Sanjeev Shukla Dr Neha Kapil (<i>Alternate</i>)	3/3
15.	Office of the Jute Commissioner, Kolkata	Shri Somyadipta Datta Shri Mahadeb Dutta (<i>Alternate</i>)	3/3
16.	Office of the Textile Commissioner, Mumbai	Shri Sivakumar S. Shri Gaurav Gupta (<i>Alternate</i>)	1/3
17.	SGS India Pvt. Ltd, Chennai	Dr Karthikeyan K. Smt. Anitha Jeyaraj (<i>Alternate</i>)	3/3
18.	Testing Centre & Testing Station Division, Ministry MSME, New Delhi	Shri Phool Singh Shri Ved P. Sharma (<i>Alternate</i>)	2/3
19.	Testtex India Laboratories Pvt. Ltd., Mumbai	Smt. Meeta Shingala Shri Mahesh Sharma (<i>Alternate</i>)	1/3
20.	Texanlab Laboratories Pvt. Ltd., Mumbai	Shri Harit Sardana Shri Vivek Patil (<i>Alternate</i>)	2/3
21.	Textiles Committee, Mumbai	Shri Kartikay Dhanda Dr P. Ravichandran (<i>Alternate</i>)	3/3
22.	Thanawala & Co., Mumbai	Shri Hemal Thanawala Shri Vivaan Thanawala (<i>Alternate</i>)	3/3
23.	The Bombay Textile Research Association, Mumbai	Shri R. A. Shaikh Smt. Pragti Kulkarni (<i>Alternate</i>)	2/3
24.	The Synthetic and Art Silk Mills Research Association, Mumbai	Dr Manisha Mathur Smt A. Sudam (<i>Alternate</i>)	2/3
25.	Tirupati Technik, Mumbai	Shri Vishal Masand	2/3
26.	TUV Rheinland (India) Pvt. Ltd., Gurgaon	Dr P. S. Sundaram Shri Shivendra Parmar (<i>Alternate</i>)	2/3
27.	VJTI, Mumbai	Dr Suranjana Gangopadhyay Dr S. P. Borkar (<i>Alternate</i>)	2/3
28.	Welspun India Ltd, Mumbai	Mr Rajeev Chauhan Mr Sridhar Devarakonda (<i>Alternate</i>)	0/1
29.	Wool Research Association, Thane	Ms. Seema Patel Shri Mayur Basuk (<i>Alternate</i>)	3/3
30.	World Traders Manufacturing Co., Mumbai	Shri Varun Gupta Shri Aditya Gupta (<i>Alternate</i>)	2/3

Scope & Composition of Jute & Jute Products Sectional Committee, TXD 03

Scope: To formulate Indian Standards for terminology, grading, specifications and packaging for jute, Mesta and other related bast fibres and their products.

Meeting(s) held	Date & Place
37th Meeting	10 October, 2022, Through videoconferencing
38th Meeting	28 March 2023, BIS HQ New Delhi (Hybrid Mode)
39th Meeting	01 September 2023, BIS EROL Kolkata (Hybrid Mode)

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Office of the jute commissioner, Kolkata	Shri Moloy Chandan Chakraborty (<i>Chairperson</i>)	3/3
2.	Caledonian Jute and Industries Ltd, Kolkata	Shri Pankaj Kumar Chatterjee	1/3
3.	CSIR- Indian Institute of Toxicology Research, Lucknow	Dr V P Sharma	1/3
4.	Department of Jute & Fibre Technology, Institute of Jute Technology, University of Kolkata	Prof A Choudhury Prof. S. K. Ghosh (<i>Alternate</i>)	1/3
5.	E.I.D. Parry (India) Ltd, Chennai	Shri T. Kannan	½
6.	Eskaps (India) Pvt. Ltd., Kolkata	Shri Satyajit Chakraborty Shir Laba Kumar Das (<i>Alternate</i>)	2/3
7.	Food, Civil Supplies & Consumer Protection Department, Govt of Chhattisgarh	Shri Santosh Kumar Pathak	2/2
8.	Food Corporation of India, New Delhi	Shri Kaushik Das Shri S. Vijay Kumar (<i>Alternate</i>)	3/3
9.	Food Supplies and Consumer Welfare, Govt of Odisha	Shri Somen Nayak	2/3
10.	Food, Civil Supplies & Consumer Protection Department, Govt. of Punjab	Shri Anand Sagar Sharma Smt. Renu Bala (<i>Alternate</i>)	3/3
11.	Gloster Limited, Kolkata	Shri Tanmoy Singha	3/3
12.	Hukumchand Jute Mills, Kolkata	Shri R K Srivastav Shri Bijan Sarkar (<i>Alternate</i>)	1/3
13.	ICAR-Central Research Institute for Jute and Allied Fibers (CRIJAF), Kolkata	Dr. Gouranga Kar	1/3

14.	ICAR-National Institute of Natural Fibre Engineering and Technology (NINFET), Kolkata	Dr Surajit Sengupta Shri Manik Bhowmick (<i>Alternate</i>)	3/3
15.	Indian Jute Industries Research Assn., Kolkata	Shri Partha Sanyal Smt. Soumita Chowdhury (<i>Alternate</i>)	3/3
16.	Indian Jute Mills Association, Kolkata	Shri Samir Kr Chandra Shri Bhudipta Saha (<i>Alternate</i>)	3/3
17.	Indian Sugar Mills Association, New Delhi	Ms. Bharati Balaji Ms. Priya Chakraborty (<i>Alternate</i>)	2/3
18.	Ministry of Consumer Affairs, Food and Public Distribution, Govt of India	Shri Vishwajeet Halder Shri Rakesh Kumar Meena (<i>Alternate</i>)	2/3
19.	Murlidhar Ratanlal Exports, Kolkata	Shri Avijit Das	1/3
20.	Ministry of Textiles, New Delhi	Director (Jute)	1/3
21.	National Agricultural Cooperative Marketing Federation of India Ltd. (NAFED), Kolkata	Smt. Anindita Guha (<i>Alternate</i>)	2/3
22.	National Jute Board, Kolkata	Shri Mahadeb Dutta	2/3
23.	National Jute Manufacturers Corporation Ltd, Kolkata	Shri I. A. Mondal	2/3
24.	Office of the Jute Commissioner, Kolkata	Shri Soumyadipta Datta	3/3
25.	SGS India, Gurgaon	Shri Shailesh Sharma Shri Bhasker Sen (<i>Alternate</i>)	2/3
26.	The Jute Corporation of India Ltd, Kolkatta	Shri Kalyan Majumdar Shri A Majumdar (<i>Alternate</i>)	2/3
27.	West Bengal Pollution Control Board, Kolkatta	Shri Subrata Ghosh Shri Qazi Hasan (<i>Alternate</i>)	1/3

**Scope & Composition of Wool, Wool Products and Textile Floor Coverings Sectional Committee,
TXD 04**

Scope: To formulate Indian Standards for terminology, grading, packaging and specifications for wool, wool products and textile floor coverings.

Meetings held	Date and Place
26th Meeting	27 October 2023, (Video conferencing)
27th Meeting	12 January 2024, (Video conferencing)
28th Meeting	25 April 2024, (Video conferencing)

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	ICAR - National Institute of Natural Fibre Engineering and Technology, Kolkata	Dr D B Shakyawar <i>(Chairperson)</i>	3/3
2.	All India Carpet Manufacturers' Association, Bhadohi	Shri Ravi Patodia Shri Surenda K Baranwal <i>(Alternate)</i>	0/3
3.	Carpet Export Promotion Council, New Delhi	Dr. Smita Nagarkoti Shri Anuj Jangira <i>(Alternate)</i>	3/3
4.	Central Silk Board, Bangalore	Dr. S. Periyasamy Dr. Prakash N. Bhat <i>(Alternate)</i>	3/3
5.	Central Wool Development Board, Jodhpur	Shri Anurag Purohit Shri Ramesh Kumar Bundela <i>(Alternate)</i>	3/3
6.	Crafts Development Institute, Srinagar	Director CDI, Srinagar Dr. Hina Quazi <i>(Alternate)</i>	3/3
7.	Directorate of Animal Husbandry, Jaipur	Dr. Praveen Kumar	3/3
8.	Directorate General of Quality Assurance, Ministry of Defence, Kanpur	Shri D. K. Pujari	2/3
9.	Export Promotion Council for Handicraft, New Delhi	Shri Rajesh Rawat	0/3
10.	Ganga Acrowools Ltd., Ludhiana	Dr. Ravinder Verma	0/0
11.	ICAR - Central Sheep & Wool Research Institute, Avikanagar	Dr. Ajay Kumar Dr. Vinod Kadam <i>(Alternate)</i>	3/3
12.	Indian Institute of Carpet Technology, Bhadohi	Dr. Smt Betty Dasgupta Prof. R. K. Malik <i>(Alternate)</i>	3/3
13.	Indian Institute of Carpet Technology, Srinagar	Dr. Zubair Ahmad	3/3
14.	Indian Institute of Technology, Delhi	Prof. R. Chattopadhyay	2/3

		Prof. Vijaykumar Narayandas Baheti (Alternate)	
15.	Intertek Private Limited, Gurgaon	Shri Hemant Parab Shri Sanjay B Kumar (Alternate)	3/3
16.	Karambhoomi, Ladakh	Shri Atul Kumar Ms. K. Dolma (Alternate)	0/3
17.	M/s Ahujasons Shawlwale Pvt. Ltd., New Delhi	Shri Puneet Ahuja	0/3
18.	M/s Bikaner Woollen Mills Pvt. Ltd., Bikaner	Shri Shreyansh Bothra	2/3
19.	Khadi & Village Industries Commission, Mumbai	Shri S. K. Sinha Shri S P Gupta (Alternate)	0/3
20.	National Institute of Natural Fibre Engineering and Technology, Kolkata	Dr. Sanjay Debnath Dr. Manik Bhoumick (Alternate)	3/3
21.	National Woollen & Finishers, Panipat	Shri Suresh Singhal Shri Aditya Singhal (Alternate)	1/1
22.	Obeetee Pvt. Ltd., Bhadohi	Shri Makarand Mehndale Shri Mayank Jaiswal (Alternate)	3/3
23.	Office of the Development Commissioner Handicraft, New Delhi	Ms. Pooja Venugopal Shri Sandeep Kumar Patel (Alternate)	3/3
24.	Office of the Textile Commissioner, Mumbai	Shri Sourabh Kulkarni Shri Pranav Parashar (Alternate)	3/3
25.	Raymonds Limited, Thane	Dr. Keshav Singh Shri Rajeev Hichkad (Alternate)	3/3
26.	Sher-e-Kashmir University of Agricultural, Sciences and Technology of Kashmir, Srinagar	Dr. Asif Hassan Sofi Dr. Sheikh Rafi (Alternate)	1/3
27.	TAHFUZ Society, Srinagar	Shri Rauf Wadera Shri Mohammad Rafiq Sofi (Alternate)	3/3
28.	Textiles Committee, Mumbai	Shri J. D. Barman Shri R. Chandran (Alternate)	3/3
29.	Trident Home Decor Limited, Budhani	Shri Brijesh Saraf	1/3
30.	Welspun India, Hyderabad	Shri Srinath Vanaparti	3/3
31.	Wilton Weavers, Kerala	Smt. Malini Gautham Shri Vinod Kumar (Alternate)	1/1
32.	Wool & Woollens Export Promotion Council, New Delhi	Shri Suresh Thakur	1/3
33.	Wool Research Association, Thane	Shri Shishir Tyagi Shri Mayur Basuk (Alternate)	3/3

Scope and Composition of Chemical Methods of Test Sectional Committee, TXD 05

Scope: To formulate Indian Standards for (a) Terminology and methods of chemical and physico chemical tests for textile auxiliaries and pertaining to textile wet- processing (excluding dyestuffs) (b) Specification requirements for colour fastness of all kinds of Textile materials.

Meetings held	Date and Place
31th Meeting	27 June 2023, through VC
32nd Meeting	29 September 2023, through VC
33rd Meeting	9 November 2023, through VC

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	The Synthetics & Art Silk Mills Research Association, Mumbai	Dr. Manisha Mathur (<i>Chairperson</i>)	3/3
2.	Agilent Technology India Pvt.Ltd., New Delhi	Shri Praveen Arya Dr. Manoj Surwade (<i>Alternate</i>)	2/3
3.	Ahmedabad Textile Industry's Research Association, Ahmedabad	Smt. Deepali Plawat Smt. Fahimunnisa Khatib (<i>Alternate</i>)	3/3
4.	Bidhata Industries Pvt. Ltd., Mumbai	Shri Rohit Pachariwala Shri R.K. Pachariwala (<i>Alternate</i>)	1/3
5.	Central Coir Research Institute, Kochi	Director, RDTE Senior Scientific Officer (Polymer) (<i>Alternate</i>)	2/3
6.	Central Institute for Research on Cotton Technology, Mumbai	Dr Sujata Saxena Dr. A.S.M Raja (<i>Alternate</i>)	2/3
7.	Central Silk Technological Research Institute (CSTRI), Bengaluru	Dr. Nivedita S. Smt. Brojeshwari Das (<i>Alternate</i>)	3/3
8.	Directorate General of Quality Assurance (CQAT &C), Kanpur	Col D.B. Kushwaha Shri Purushottam De (<i>Alternate</i>)	3/3
9.	EMC Testing & ComplianceLLP, Gurgaon	Shri Vivek Sharma Shri Satya Ranjan Biswal (<i>Alternate</i>)	2/2
10.	Global Organic Textile Standard, Thane	Shri Rahul Bhajekar Smt. Prachi Gupta (<i>Alternate</i>)	2/3
11.	Indian Jute Industries Research Association, Kolkata	Ms. Ishpita Roy	2/3
12.	Manjushree Spntek Pvt Ltd, Bangalore	Shri Madhan R	2/2
13.	Northern India Textiles Research Association, Ghaziabad	Dr. M. S. Parmar	2/3
14.	Office of the Textile Commissioner, Mumbai	Shri Gaurav Gupta Shri Rajesh Mahajan (<i>Alternate</i>)	2/3
15.	Raymonds Ltd, Mumbai	Shri Prabhat Parasher Shri Saurav Shekhar (<i>Alternate</i>)	1/3
16.	Reliance Industries Ltd., NewDelhi	Shri M.S. Verma Shri Mahesh C. Sharma (<i>Alternate</i>)	1/3

17.	SGS, Mumbai	Dr. Karthikeyan K. Smt. Mahalakshmi R. (<i>Alternate</i>)	2/3
18.	Sunil Industries, Mumbai	Shri Pradeep Roongta Shri Ramesh Khanna (<i>Alternate</i>)	2/3
19.	Testex India Laboratories PvtLtd., Mumbai	Smt. Meeta Shingala Shri Mahesh Sharma (<i>Alternate</i>)	3/3
20.	Texanlab Laboratoires Pvt. Ltd.,Navi Mumbai	Shri Milind R. Marathe(Shri Vivek Patil) (<i>Alternate</i>)	2/3
21.	Textile Committee, Mumbai	Shri Kartikeyan Dhanda Dr. P. Ravichandran (<i>Alternate</i>)	3/3
22.	The Bombay Textile Research Association, Mumbai	Shri M.P Satyanarayan Smt. Saroj Vairagi (<i>Alternate</i>)	3/3
23.	The Synthetics & Art Silk Mills Research Association, Mumbai	Smt. Ashwini A. Sudam Smt. Leena Mhatre (<i>Alternate</i>)	3/3
24.	The South India Textile Research Association,Coimbatore	Dr. Prakash Vasudevan Shri S. Sivakumar (<i>Alternate</i>)	3/3
25.	U P Textile Technology Institu	Dr. Arun Kumar Patra Dr Subhankar Maity (<i>Alternate</i>)	2/3
26.	Wool Research Association, Thane	Dr. Mirnal choudhari Dr. Swati Mahadik (<i>Alternate</i>)	2/3

Scope & Composition of Textiles Speciality Chemicals and Dyestuffs Sectional Committee, TXD 07

Scope: To formulate Indian Standards on identification, terminology, packaging methods of test and specifications for textile speciality chemicals and dyestuffs on textile materials and in substance.

Meetings held	Date and Place
17th Meeting	11 May 2022, CISCO WebEx
18th Meeting	24 January, 2023, CISCO Webex
19th Meeting	20 September, 2023, CISCO Webex

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	ICAR – Central Institute for Research on Cotton Technology, Mumbai (CIRCOT) (Chairperson)	Dr. Sujata Saxena, Principal Scientist, (<i>Chairperson</i>)	3/3
2.	Ahmedabad Textile Industry's Research Association, Ahmedabad	Smt. Deepali Plawat Fahimunnisa Khatib (<i>Alternate</i>)	3/3
3.	Ama Herbals, Lucknow	Shri Y. A. Shah	3/3
4.	Atul Limited (Colors Business), Valsad	Shri Rajaram Jamdade Shri Arindam Chakraborty (<i>Alternate</i>)	3/3
5.	Bio Dyes, Goa	Dr. Bosco Henriques	3/3
6.	Central Coir Research Institute, Alappuzha	Dr. Shanmugasundaram O L Dr. S. Radhakrishnan (<i>Alternate</i>)	2/3
7.	Central Institute for Research on Cotton Technology, Mumbai	Dr. A. S. M. Raja	3/3
8.	Dye Chem International, Kolkata	Shri Sushil Jain Smt. Ranjeeta Rai (<i>Alternate</i>)	1/3
9.	Global Organic Textile Standard, (GOTS)	Shri Rahul Bhajekar Ms Prachi Gupta (<i>Alternate</i>)	3/3
10.	Indian Jute Industries Research Association, Kolkata	Shri Sandip Bas Shri Ritiwik Chakraborty	0/3
11.	Northern India Textile Research Association, Ghaziabad	Dr. M S Parmar Dr. Nidhi Sisodia (<i>Alternate</i>)	3/3
12.	Office of the Textile Commissioner Mumbai	Shri Gaurav Gupta Shri Sanjay Charak (<i>Alternate</i>)	1/3
13.	S G S India Pvt Ltd	Shri Karthikeyan K Shri Gaurav Saraswat (<i>Alternate</i>)	2/3
14.	Shree Pushkar Chemicals & Fertilizers Ltd, Mumbai	Dr. N. N. Mahapatra	3/3
15.	Textiles Committee, Mumbai	Shri Kartikeya Dhanda Smt. Shilpi Chauhan (<i>Alternate</i>)	2/3
16.	The Bombay Textile Research Association	Dr. Padma S. Vankar Shri M. P. Sathianarayanan	3/3

17.	The South India Textile Research Association Coimbatore	Dr. Prakash Vasudevan Shri S. Sivakumar (<i>Alternate</i>)	3/3
18.	The Synthetic and Art Silk Mills Research Association, Mumbai	Smt. (Dr.) Manisha Mathur Smt. Ashwini Sudam (<i>Alternate</i>)	3/3
19.	U P Textile Technology Institute, Kanpur	Dr. Arun Patra Dr. Shubhankar Maity (<i>Alternate</i>)	3/3
20.	Wool Research Association, Thane	Smt. Dr. Mrinal Choudhari	1/3
21.	In personal capacity	Dr. A. K. Samanta	2/2

**SCOPE AND COMPOSITION OF HANDLOOM AND KHADI SECTIONAL
COMMITTEE, TXD 08**

Scope: To formulate Indian standards for terminology, grading and specifications for handloom and khadi fabrics.

Meetings held	Date and Place
16th Meeting	13 July 2022 (Video Conferencing)
17th Meeting	17 July 2023 (Video Conferencing)
18th Meeting	29 November 2023 (Video Conferencing)

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Weavers Service Centre, Delhi	Shri Vishesh Nautiyal (Chairman)	3/3
2.	Central Pollution Control Board, New Delhi	Shri P K Mishra Shri Rishabh Srivastav (<i>Alternate</i>)	2/2
3.	CRPF, New Delhi	Shri D P Upadhyay Shri Sanjeev Kumar Singh (<i>Alternate</i>)	2/3
4.	Gandhigram Rural Institute, Dindigul	Dr B. Senthil Kumar	0/0
5.	Haryana Khadi Gramodyog Sangh, Karnal	Shri Pawan Garg Shri R S Yadav (<i>Alternate</i>)	2/3
6.	ICAR – Central Institute for Research on Cotton Technology, Mumbai (CIRCOT)	Dr. Sujata Saxena Dr. A.S.M. Raja (<i>Alternate</i>)	1/1
7.	Indian Institute of Handloom Technology, Jodhpur	Dr. J Sivagnanam	2/3
8.	Indian Institute of Handloom Technology, Varanasi	Dr. P Thennarasu	3/3
9.	Indo Tibetan Border Police, New Delhi	Shri Uttam Kumar Shri Anand Kumar (<i>Alternate</i>)	3/3
10.	Jan Sewa Ashram, Aligarh	Shri R K Sharma Shri Akhilesh Kumar Awasthi (<i>Alternate</i>)	3/3
11.	Karnatka Khadi Gramodyog Samyuktha Sangha, Hubli	Shri K V Pattar Shri Shivananda S Mathapati (<i>Alternate</i>)	1/2
12.	Khadi Dyers & Printers, Mumbai	Shri D N Bhatt Shri V D Joshi (<i>Alternate</i>)	3/3
13.	Khadi Gramodyog Mandal, Rampur	Shri Rakesh Chaudhary	2/3
14.	Kshetriya Khadi Gramodyog Samiti, Dausa	Shri R K Singh Shri Prince Chaudhary (<i>Alternate</i>)	1/3
15.	Madhya Bharat Khadi Sangh, Gwalior	Smt. Neelu Mekle	3/3

		Shri Harish Mekle (<i>Alternate</i>)	
16.	Mahatma Gandhi Institute for Rural Industrialization, Wardha	Shri Mahesh kumar Dr. Tapan Ranjan Kar (<i>Alternate</i>)	1/1
17.	Metpalli Khadi Gramodyog Pratisthan,	Shri G Madhav	1/3
18.	Ministries of Defence (DGQA), New Delhi	Shri Arvind Compathane Shri N Senthil Kumar (<i>Alternate</i>)	1/3
19.	National Handloom Development Corporation Ltd., Gautam Budh Nagar	Dr. Sakthivel Perumal Samy Shri Jitendra Tolambiya (<i>Alternate</i>)	1/3
20.	Northern India Textile Research Association, Ghaziabad	Dr. M S Parmar Shri Sanjeev Shukla (<i>Alternate</i>)	3/3
21.	Office of The Development Commissioner for Handlooms, New Delhi	Shri Siddharth Singh Shri Vinay Kumar (<i>Alternate</i>)	1/3
22.	Rastriya Khadi Gramodyog Federation, Moradabad	Shri Anil Kumar Singh Shri Kuldeep Singh (<i>Alternate</i>)	1/3
23.	Swastik Gramodyog Samiti, Delhi	Shri M L Pathak Shri Abhishek Dixit (<i>Alternate</i>)	3/3
24.	The Cotton Textiles Export Promotion Council (TEXPROCIL)	Dr. Siddhartha Rajagopal Shri Rajesh Satam (<i>Alternate</i>)	1/2
25.	The Handloom Export Promotion Council, Chennai	Dr. M. Sundar Shri N. Sreedhar (<i>Alternate</i>)	2/3
26.	The Tamil Nadu Handloom Weavers' Cooperative Society Ltd, Chennai	Shri T. N. Venkatesh, I.A.S Shri K. Kathiresan (<i>Alternate</i>)	1/3

SCOPE & COMPOSITION OF CORDAGE SECTIONAL COMMITTEE, TXD 09

Scope: To formulate Indian Standards for terminology, specifications, and packaging for textile cordage (ropes, lines, nets, or such like items excluding fish nets and items used for power transmission).

Meeting(s) held	Date & Place
24 th Meeting	23 May 2023, CISCO Webex
25 th Meeting	22 September 2023, CISCO Webex
26 th Meeting	14 April 2024, CISCO Webex

SL NO	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Indian Institute of Technology Delhi, New Delhi	Prof (Dr) R. Chattopadhyay (<i>Chairperson</i>)	3/3
2.	Azuka Synthetics LLP, Panchkula	Shri Sushant Gupta Shri Devraj Thakur (<i>Alternate</i>)	2/3
3.	Central Coir Research Institute, Kochi	Dr Shanmugasundaram O. L. Smt Sumi Sebastian (<i>Alternate</i>)	3/3
4.	Chhotanagpur Rope Works Private Limited, Ranchi	Shri Siddharth Jhawar Shri Anurag Jhawar (<i>Alternate</i>)	2/3
5.	Coast Guard Headquarters, New Delhi	Cmdt. Rajneesh Dy Cmdt. Sadhana Singh (<i>Alternate</i>)	2/3
6.	Crown Industries, Kolkata	Shri Sanjeev Agarwal Shri G. H. Bhunia (<i>Alternate</i>)	3/3
7.	Delta Ropes Manufacturing Company, Kolkata	Shri Anand Majaria Shri Aayush Majaria (<i>Alternate</i>)	3/3
8.	Garware Technical Fibres Limited, Pune	Shri Nitin Narkhede Shri Satish J. Chitnis (<i>Alternate</i>)	3/3
9.	ICAR - National Institute of Natural Fibre Engineering and Technology (ICAR-NINFET), Kolkata	Shri Surajit Sengupta Dr Kartick Samanta (<i>Alternate</i>)	2/3
10.	Indian Jute Industries Research Association, Kolkata	Ms. Soumiata Chowdhury Shri Parth Sanyal (<i>Alternate</i>)	3/3
11.	Jayshree Fibre Products Limited, Kolkata	Shri N K Somani Shri Manoj Biyani (<i>Alternate</i>)	3/3
12.	Kohinoor Ropes Pvt Ltd., Aurangabad	Shri Vinay Chandak Shri Sunil Bihani (<i>Alternate</i>)	2/3

13.	Office of the Jute Commissioner, Kolkata	Shri Soumyadipta Datta Shri P K Biswas (<i>Alternate</i>)	2/3
14.	Office of the Textile Commissioner, Mumbai	Shri N. K. Singh Shri Humayun K (<i>Alternate</i>)	3/3
15.	Oil and Natural Gas Commission (ONGC), Mumbai	Shri Ajay Kumar Kapshe Ms. Manasi Saikia (<i>Alternate</i>)	2/3
16.	Oil India Limited (OIL), Assam	Shri Nayan Jyoti Goswami Shri Krantijyoti Deka (<i>Alternate</i>)	2/2
17.	Protherm Engineering Pvt. Ltd., Faridabad	Shri Ratnesh Dewan Shri Sanjeev Kumar Sharma (<i>Alternate</i>)	2/3
18.	Thanawala and Company, Mumbai	Shri Hemal M. Thanawala Shri Vivaan Thanawala (<i>Alternate</i>)	2/3
19.	Tufropes Private Limited, Silvassa	Shri Anurag Sarin Shri Shashi Bhushan Negi (<i>Alternate</i>)	2/3

SCOPE AND COMPOSITION OF HOSIERY SECTIONAL COMMITTEE, TXD 10

Scope: To formulate Indian standards for terminology, specification and packaging relating to all types of hosiery goods.

Meeting(s) held	Date & Place
13 th Meeting	08 July, 2022 CISCO Webex
14 th Meeting	01 March 2023 CISCO Webex
15 th Meeting	22 September 2023 CISCO Webex

SL NO	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	The South India Textile Research Association, Coimbatore	Dr. Prakash Vasudevan, (<i>Chairperson</i>) Shri S. Sounderraj	3/3
2.	Apparel Export Promotion Council, Tirupur	Dr. K. Rajendrakumar	3/3
3.	Central Armed Police Forces (CAPF), New Delhi,	Shri D.N. Lal Shri Randhir Kr. Jha (<i>Alternate</i>)	1/1
4.	DKTE Society's Textile & Engg. Institute, Ichalkaranji,	Dr. Ujay J Patil Shri Anil U Awasare (<i>Alternate</i>)	2/2
5.	Essa Garments, Tirupur	Shri Durgadevi	3/3
6.	JKR Garments, Tirupur	Shri Jailani	3/3
7.	Knitwear & Apparel Manufacturers Association, Ludhiana	Shri Sudarshan Kumar Jain Shri Arun Aggarwal (<i>Alternate</i>)	1/1
8.	Ministry of Defence (DGQA), New Delhi	Shri Arvind Kamthane Shri J.K. Yadav (<i>Alternate</i>)	3/3
9.	Ministry of Defence (DMSRDE), Kanpur	Shri Ashok Yadav Shri. Milant Pant (<i>Alternate</i>)	1/3
10.	National Institute of Fashion Technology, New Delhi	Shri Ashok Prasad Ms Amrita Roy (<i>Alternate</i>)	2/3
11.	. NIFT-TEA College of Knitwear Fashion, Tirupur	Dr. K.P. Balakrishanan Dr. P.P. Gopalakrishanan (<i>Alternate</i>)	2/3
12.	Office of the development Commissioner, Small Scale Industries, (MSME) New Delhi	Shri Kuldeep Singh Shri S Suresh Babuji (<i>Alternate</i>)	2/3
13.	Office of Textile Commissioner, Mumbai	Shri Humanyun K Shri Satish Kumar N (<i>Alternate</i>)	3/3
14.	Southern India Mills' Association, Coimbatore	Dr. K. Selvaraju Shri Nagrajan Esakkimuthu (<i>Alternate</i>)	3/3
15.	SGS, Chennai	Dr. Karthikeyan K.	1/2

		Ms. Mahalakshmi R (<i>Alternate</i>)	
16.	Textiles Committee, Tirupur	Shri R Chandran Shri J Parameswaran(<i>Alternate</i>)	3/3
17.	The South India Hosiery Manufacturers' Association, Tirupur	Shri M Tyagrajan Shri R Balasaravanan (<i>Alternate</i>)	3/3
18.	The Synthetic & Rayon Textiles Export Promotion Council, New Delhi,	Shri Anil Rajvanshi Shri Bhadresh M Dhodia(<i>Alternate</i>)	2/3
19.	Tirupur Exporters Association Tirupur	Shri T.R Vijaykumar Shri S. Shaktivel(<i>Alternate</i>)	2/3
20.	Veermata Jijabai Technological Institute, Mumbai	Dr. Shashikant Borkar Dr. Arvind Bhongade (<i>Alternate</i>)	1/1
21.	Wool Research Association, Thane	Dr. Mrinal Choudhari Shri Mayur Basuk (<i>Alternate</i>)	2/2

Scope and Composition of Textile Materials for Aeronautical and Related Products TXD 13

Scope: To formulate Indian standards for terminology and specifications for textile materials for aeronautical and related products.

Meetings held	Date and Place
15 th meeting	11 November 2022 through WebEx video conference
16 th meeting	11 July 2023 (Hybrid) ADRDE, Agra
17 th meeting	03 January 2024 through WebEx video conference

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Aerial Delivery Research & Development Estt. Agra	Dr. Manoj Kumar (<i>Chairperson</i>)	3/3
2.	Aerial Delivery Research and Development Establishment (DRDO), Agra	Shri Puneet Gupta Shri Prasanta Kumar Mallik (<i>Alternate</i>)	3/3
3.	Defence Materials and Stores Research and Development Establishment, Kanpur	Smt Priyanka Katiyar Shri Biswa Ranjan Das (<i>Alternate</i>)	1/3
4.	Directorate General of Aeronautical Quality Assurance, Ministry of Defense, New Delhi	Shri Daljeet Singh Dr. Subash (<i>Alternate</i>)	2/3
5.	Directorate General of Civil Aviation, New Delhi	Shri Lalit Gupta Nomination Awaited (<i>Alternate</i>)	1/3
6.	Directorate General of Quality Assurance, Ministry of Defense, New Delhi	Shri Purushottam De Shri SS Kashyap (<i>Alternate</i>)	3/3
7.	Garware Technical Fibres Limited, Pune	Shri Kishor J Darda Shri Satish J Chitnis (<i>Alternate</i>)	1/3
8.	Indian Space Research Organization - Vikram Sarabhai Space Centre, Thiruvananthapuram	Dr Santhosh B Shri Anil Painuly (<i>Alternate</i>)	3/3
9.	Kusumgar Corporates Private Limited, Vapi	Shri Siddharth Y Kusumgar Dr M. K. Talukdar (<i>Alternate</i>)	3/3
10.	Motilal Dulichand Private Limited, Kanpur	Shri Shailendra Misra Shri Sunil Prahladka (<i>Alternate</i>)	3/3
11.	Northern Indian Textile Research Association, Ghaziabad	Dr M S Parmar	0/0
12.	Office of the Textile Commissioner, Mumbai	Shri Humayun K Shri Jamil Ahmed (<i>Alternate</i>)	2/3
13.	Ordnance Parachute Factory, Kanpur	Shri K K Toppo Shri Sachin Khorla (<i>Alternate</i>)	3/3

14.	Oriental Weaving & Processing Mills Pvt Ltd, Navi Mumbai	Smt Smita Yeole Shri Saurabh Phadtare (<i>Alternate</i>)	2/3
15.	Ratanmoti Texfab (India) Pvt Ltd, Ichalkaranji	Shri Ritesh Naval Patni Shri Shubham Vidyadhar Kharage (<i>Alternate</i>)	0/0
16.	RCMA, Kanpur	Nomination Awaited Shri Alok Kumar (<i>Alternate</i>)	1/3
17.	Shingora Textiles Limited, Ludhiana	Shri Amit Jain Shri Tej Narayan (<i>Alternate</i>)	0/0
18.	SRF Private Limited, Chennai	Ms Angelina Divya Shri Ankur Sharma (<i>Alternate</i>)	3/3
19.	Swadeshi Niwar Mills, Kanpur	Shri Yash Khandelwal Shi Vineet Khandelwal (<i>Alternate</i>)	0/0
20.	Thanawala and Company, Mumbai	Shri Hemal M Thanawala Shri Vivaan Thanawala (<i>Alternate</i>)	3/3
21.	The Synthetic and Art Silk Mills Research Association, Mumbai	Dr. Manisha Mathur Smt. Ashwini Sudam (<i>Alternate</i>)	3/3
22.	Todi & Company Ltd, Mumbai	Shri S P Todi Shri Adarsh Todi (<i>Alternate</i>)	0/3
23.	Universal Yarns & Tex Private Limited, Kanpur	Shri Rajiv K Bhartiya	2/3
24.	Urja Products Private Limited, Ahmedabad	Shri Anshul Nanavaty	3/3
25.	Uttar Pradesh Textile Technology Institute, Kanpur	Prof. Mukesh Kumar Singh	2/3
26.	Vardhaman Yarn and Threads Limited, Gurgaon	Shri Anu Handa	2/3
27.	Viraj Syntex Pvt Ltd, Kanpur	Shri Amit Singh Nomination Awaited (<i>Alternate</i>)	1/3

SCOPE AND COMPOSITION OF TEXTILE MACHINERY AND ACCESSORIES SECTIONAL COMMITTEE, TXD 14

Scope: Standardization of textile machinery, parts thereof and of accessories; machinery for dry-cleaning and industrial laundering and parts thereof and of accessories.

Meetings held	Date and Place
20 th Meeting	07 August 2023 (Video Conferencing)
21 st Meeting	10 November 2023 (Video Conferencing)
22 nd Meeting	30 April 2024 (Video Conferencing)

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Central Manufacturing Technology Institute, Bengaluru	Dr. Nagahanumaiah <i>(Chairman)</i>	3/3
2.	A.T.E Enterprises Private Limited, Mumbai	Shri Abhijit Kulkarni Shri Anil Kumar Sharma <i>(Alternate)</i>	3/3
3.	Bhowmick Calculator, Kolkata	Shri Goutam Bhowmick Shri Vivekananda Bhowmick <i>(Alternate)</i>	1/3
4.	Bombay Textile Research Association, Mumbai	Shri Vijay Gawde Shri R.A. Shaikh <i>(Alternate)</i>	2/3
5.	Central Institute for Research in Cotton Technology, Mumbai	Dr. N. Shanmugam Dr. T. Senthil Kumar <i>(Alternate)</i>	3/3
6.	Central Manufacturing Technology Institute, Bangalore	Shri B.R. Mohanraj Shri K. Saravanan <i>(Alternate)</i>	3/3
7.	Confederation of Indian Textile Industry, New Delhi	Smt. Chandrima Chatterjee Shri Anmol Gupta <i>(Alternate)</i>	0/3
8.	Indian Textile Accessories and Machinery Manufacturers' Association, Mumbai	Shri N D Mhatre Shri Chandresh Shah <i>(Alternate)</i>	1/3
9.	India ITME Society, Mumbai	Shri S. Senthil Kumar Smt. Seema Srivastava <i>(Alternate)</i>	1/3
10.	Indian Jute Mills Association, Kolkata	Shri Bhudipta Saha Shri Tanmoy Singha <i>(Alternate)</i>	3/3
11.	Indian Jute Industries Research Association, Kolkata	Smt. Soumita Chowdhury Shri Partha Sanyal <i>(Alternate)</i>	2/3
12.	Inspiron Engineering Pvt Ltd Ahmedabad	Shri Ankur Soni	2/3
13.	Kusters Calico Machinery Ltd, Vadodara, Gujrat	Shri Devang Parikh Shri Shubhasis Sur <i>(Alternate)</i>	1/3
14.	Laksmi Machine Works Ltd Coimbatore	Smt. Kalpana A. Smt. Divya V. <i>(Alternate)</i>	3/3
15.	Laxmi Shuttleless Looms Pvt Ltd, Ahmedabad	Shri Ketan Sanghvi	3/3

16.	National Safety Council, Mumbai	Shri Lalit R. Gabhane Shri R.R. Deoghare (<i>Alternate</i>)	2/3
17.	Office of the Textile Commissioner, Mumbai	Shri N K Singh Shri Narottam Kumar (<i>Alternate</i>)	1/3
18.	Peass Industrial Engineers Ltd, Mumbai	Shri Ravi S. Rao Shri Nitinkumar Sureshbhai Patel (<i>Alternate</i>)	3/3
19.	Technocraft Industries India Limited, Mumbai	Shri Ravindra Kumar Shri R. Murali (<i>Alternate</i>)	2/3
20.	The Synthetic and Art Silk Mills Research Association, Mumbai	Dr. Manisha Mathur Shri Sanjay Saini (<i>Alternate</i>)	2/3
21.	Truetzschler India Private Limited, Ahmedabad	Shri Pravin Kandge Shri Shiladitya Joshi (<i>Alternate</i>)	3/3
22.	Veer mata Jijabai Technological Institute, Mumbai	Dr. Suranjana Gangopadhyay Dr. S.P Barkar (<i>Alternate</i>)	1/3

Scope & Composition of Textile Materials for Marine/Fishing Purposes Sectional Committee, TXD 18

Scope: a) To formulate Indian Standards for terminology, methods of test and specifications and for textile materials and accessories used for fishing/aquaculture purposes. b) To formulate guidelines for fishing gear.

Meetings held	Date and Place
17 th Meeting	27 June 2022, CISCO WebEx (VC)
18 th Meeting	17 Jan 2023, CISCO WebEx (VC)
19 th Meeting	06 September 2023, CISCO WebEx (VC)

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	ICAR - Central Institute of Fisheries Technology(CIFT), Kochi	Dr M. P. Remesan (<i>Chairperson</i>)	3/3
2.	Association of Indian Fishery Industries, New Delhi	Shri T. Rangunath Reddy Dr C Babu Rao (<i>Alternate</i>)	0/3
3.	Central Institute of Fisheries, Nautical & Engineering Training (CIFNET), Kochi	Shri M. G. Makwana	2/3
4.	Centre for Marine Living Resources and Environment, Kochi	Dr Sherine Sonia Cubelio Dr Hashim (<i>Alternate</i>)	0/3
5.	Chilika Fishnets Pvt. Ltd., Odisha	Shri Mahendra Patra	2/2
6.	Fisheries Development Commissioner, New Delhi	Dr Paul Pandiyan Dr Sanjay Pandey (<i>Alternate</i>)	0/3
7.	Fisheries Survey of India, Mumbai	Dr S. Ramachandran Shri A. E. Ayoob (<i>Alternate</i>)	0/3
8.	Garware Technical Fibres Ltd, Pune	Shri Kishore Darda Shri Sachin P Kulkarni (<i>Alternate</i>)	3/3
9.	Gujarat State Fertilizer Corporation, Vadodara	Shri P. D. Kotak Shri S. N. Desai (<i>Alternate</i>)	1/1
10.	ICAR - Central Institute of Brackishwater Aquaculture (CIBA), Chennai	Shri Jose Antony Mr. Dr Kumaragura Vasagan (<i>Alternate</i>)	1/3
11.	ICAR - Central Institute of Fisheries Technology(CIFT), Kochi	Dr Sandhya K M (<i>Alternate</i>)	3/3
12.	ICAR - Central Marine Fisheries Research Institute Kochi (CMFRI), Kerala	Dr Ratheesh	2/3
13.	Indian Fishnet Manufacturers' Association, Chennai	Dr (Prof) Shridhar S Rajpathak Shri S Nagoor Khan (<i>Alternate</i>)	2/3

14.	India Nets, Dhar	Shri Arvind Auradkar Mr Shrish S. Wadalkar (<i>Alternate</i>)	1/1
15.	Kohinoor Rope Pvt. Ltd., Mumbai	Shri Harish Mulay Shri Vinay Chandak (<i>Alternate</i>)	2/2
16.	National Institute of Ocean Technology (NIOT), Chennai	Dr G. Dharani Dr N. V. Vinithkumar (<i>Alternate</i>)	2/3
17.	Office of the Textile Commissioner, Mumbai	Shri Ajay Pandit Shri N. K. Singh (<i>Alternate</i>)	1/3
18.	Reliance Industries Limited (RIL), Mumbai	Shri M. S. Verma Shri Keshav Pareek (<i>Alternate</i>)	0/3
19.	SRFP Limited, Chennai	Shri N. Santhan Shri R. Raghvendra Sayee (<i>Alternate</i>)	0/3
20.	The Synthetic & Art Silk Mills' Research Association (SASMIRA), Mumbai	Dr .Manisha Mathur Dr. Ashwini A. Sudam (<i>Alternate</i>)	3/3
21.	The Karnataka Fisheries Development Corporation Ltd, Bangalore	Managing Director	0/3
22.	The Kerala State Cooperative Federation for Fisheries Development Ltd, Kochi	Shri P. Surendren	1/3
23.	The Marine Products Export Development Authority, Kochi	Dr M. K. Rammohan Shri A. Sakthivel (<i>Alternate</i>) Dr Sreenath P. G. (<i>Yp</i>)	0/3

**Scope & Composition of Made-up Textiles (Including Ready-Made Garments)
Sectional Committee, TXD 20**

Scope: To formulate Indian Standards for terminology and specifications for made-up textiles including ready-made garments.

Meetings held	Date and Place
23 rd meeting	19 July 2022 through WebEx video conference
24 th meeting	05 April 2023 through WebEx video conference
25 th meeting	19 th April 2024 through WebEx video conference

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Northern India Textile Research Association, Ghaziabad	Dr. Arindam Basu (<i>Chairperson</i>)	3/3
2.	Ahmedabad Textile Industries Research Association, Ahmedabad	Smt. Deepali Plawat Shri Jigar Dave (<i>Alternate</i>)	2/3
3.	Apparel Export Promotion Council, Gurugram	Dr. Saurabh Kumar Shri Praveen Kukreja (<i>Alternate</i>)	1/3
4.	CSIR - Central Leather Research Institute, Chennai	Dr. K Krishnaraj Dr. R. Mohan (<i>Alternate</i>)	3/3
5.	Department of Posts, Ministry of Communications and IT, New Delhi	Shri R C Meena Shri S Buchchan (<i>Alternate</i>)	3/3
6.	Clothing manufacturer association of india	Nomination awaited	0/0
7.	Directorate General of Quality Assurance, New Delhi	Shri Jeevendra Singh Shri Anuj Shukla (<i>Alternate</i>)	2/3
8.	Garment Exporters Association, New Delhi	Shri H K L Magu	0/3
9.	Indian Institute of Technology, New Delhi	Dr. Deepti Gupta	0/3
10.	Intertek Testing Services (I) Pvt Ltd, New Delhi	Shri. Milind Marathe Shri Narayan Borade (<i>Alternate</i>)	0/3
11.	Ministry of Defense (R & D) Kanpur	Shri Hirday Ram Shri K K Gupta (<i>Alternate</i>)	0/3
12.	National Institute of Fashion Technology, New Delhi	Nomination Awaited Prof Monika Gupta (<i>Alternate</i>)	2/3
13.	National Textile Corporation Limited, New Delhi	Shri H S Sachdev	0/3
14.	Northern India Textile Research Association, Ghaziabad	Shri. Vivek Agarwal Dr. Neha Kapil (<i>Alternate</i>)	3/3

15.	Office of the Textile Commissioner, Mumbai	Shri N K Gupta Shri D S rane (<i>Alternate</i>)	2/3
16.	Reliance Industries Limited, Mumbai	Mr. M S Verma Shri Ajay Gupta (<i>Alternate</i>)	2/3
17.	Sarla Fabric Pvt Ltd, Mumbai	Shri Somes Bhaumick Shri Rajneesh Rai (<i>Alternate</i>)	0/3
18.	SGS, Chennai	Dr. Karthikeyan Shri Michel Francis (<i>Alternate</i>)	2/3
19.	Sheela Foams (P) Ltd, Ghaziabad	Shri Rahul Gautam Shri Arvind Kumar (<i>Alternate</i>)	0/3
20.	Shahi Exports Private Limited, Faridabad	Shri. J D Giri Mr. Rajneesh Rai (<i>Alternate</i>)	3/3
21.	Shriram Institute for Industrial Research, Delhi	Shri Vinay Kumar Samania Dr. Bhuvneshwar Rai (<i>Alternate</i>)	2/3
22.	SITRA, Coimbatore	Shri Sounder raj	2/3
23.	Textiles Committee, Mumbai	Shri J.D.Barman Shri R Chandran (<i>Alternate</i>)	1/3

Scope & Composition of, Textile materials made from polyolefins sectional committee, TXD 23

SCOPE: To Formulate Indian Standard Specifications and Method of Tests for Textile Materials Made from Polyolefins (Excluding Cordage).

Meeting(s) held	Date & Place
32 nd meeting	20 Dec 2022 CISCO Webex
33 rd meeting	10 Aug 2023 CISCO Webex
34 th meeting	30 November 2023 CISCO Webex

SL NO	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Indian Institute of Packaging (IIP), Mumbai	Dr Tanweer Alam (<i>Chairperson</i>)	3/3
2.	ACC Limited, Mumbai	Dr Sanjay Gupta Dr Manish Karandikar (<i>Alternate</i>) Shri Oliver Paul (<i>YP</i>)	3/3
3.	All India Flat Tape Manufacturers Association (AIFTMA), New Delhi	Smt Padmaja Reddy Shri Sajjan Ranasaria (<i>Alternate</i>)	3/3
4.	All India HDPE/PP Woven Fabric Manufacturing Association	Shri Naresh Bhandia	3/3
5.	Cement Manufacturers Association (CMA), Noida	Dr S. K. Saxena Shri Vishal Mohite (<i>Alternate</i>) Shri Shubho Chakravarty (<i>YP</i>)	3/3
6.	Central Institute of Petrochemicals Engineering & Technology (CIPET), Lucknow	Dr Sandesh Kumar Jain Shri Vivek Kumar (<i>Alternate</i>)	3/3
7.	Central Pollution Control Board (CPCB), New Delhi	Shri Kamlesh Singh Shri Rishabh Srivastav (<i>Alternate</i>)	0/1
8.	Chemicals and Petrochemicals Manufacturers Association (CPMA), New Delhi	Shri Ajay Sardana Shri Uday Chand (<i>Alternate</i>)	2/3
9.	Consumer Guidance Society of India, Mumbai	Dr Sitaram Dixit Dr M.S. Kamath (<i>Alternate</i>)	3/3
10.	Federation of Indian Chambers of Commerce & Industry (FICCI), New Delhi	Shri Manoj Mehta Shri Amit Kakkar (<i>Alternate</i>)	1/3
11.	Food Corporation of India (FCI), New Delhi	Shri Kaushik Das Shri S Vijay Kumar (<i>Alternate</i>)	2/3
12.	Dept. of Chemical & Petrochemical, Ministry of Chemical & Fertilizers, New Delhi	Shri O. P. Sharma Shri Varun Poonia (<i>Alternate</i>)	2/3

13.	Directorate of Sugar, New Delhi Ministry of Consumer Affairs, Food & Public Distribution, New Delhi	Shri Sangeet Singla Shri D. K. Jha (<i>Alternate</i>)	1/3
14.	Gas Authority of India Limited (GAIL), New Delhi	Shri Manish Khandelwal	2/3
15.	Government e Marketplace (GeM), New Delhi	Shri Abhisek Kakkar	1/2
16.	Gujarat Narmada Valley Fertilizers Co. Ltd., Narmadanagar	Shri Yogesh N. Patel Shri Rakesh S. Agrawal (<i>Alternate</i>)	1/3
17.	Gujarat State Fertilizers and Chemicals Limited, Gujarat	Shri Dilipkumar Bhikhabhai Shah Shri Pujan B. Vaishnav (<i>Alternate</i>)	1/3
18.	Haldia Petrochemical Ltd., Kolkata	Shri Raj K. Datta Shri T. R. Srikanth (<i>Alternate</i>)	2/3
19.	HPCL-Mittal Energy Limited, Noida	Shri vineet kumar gupta Shri alakesh ghosh (<i>Alternate</i>)	3/3
20.	Indian Farmers Fertiliser Cooperative (IFFCO) Ltd., New Delhi	Shri Harish Kumar Shri Om Prakash Kumar (<i>Alternate</i>)	2/3
21.	Indian Flexible Intermediate Bulk Container Association (IFIBCA), New Delhi	Shri Makrand Appalwar Shri Ravish Kamath (<i>Alternate</i>) Shri Shashank Agarwal (<i>YP</i>)	3/3
22.	Indian Institute of Packaging (IIP), Mumbai	Dr Amit Singla Shri Tushar K. Bandyopadhyay (<i>Alternate</i>) Shri Harish Kumar R. K. (<i>YP</i>)	3/3
23.	Indian Oil Corporation Limited (IOCL), New Delhi	Shri Sumit Basu Shri Raja Poddar (<i>Alternate</i>) Shri Sudhir Ambaskar (<i>YP</i>)	2/3
24.	Indian Sugar Mills Association (ISMA), New Delhi	Smt Bharati Balaji Shri Deep Malik (<i>Alternate</i>)	2/3
25.	Inspection Syndicate of India Pvt. Ltd., Kolkata	Shri A. K. Basu Shri Arnab Basu (<i>Alternate</i>)	3/3
26.	Lamifabs & Papers (P) Ltd., Aurangabad	Shri Kamlesh Dhoot Shri Kishori Lal (<i>Alternate</i>)	3/3
27.	Lohia Corp Ltd, Kanpur	Dr Upender Krishen Saroop Shri Rajeev Kumar Dwivedi (<i>Alternate</i>) Shri Himanshu Shukla (<i>YP</i>)	3/3
28.	Mangalore Refinery and Petrochemicals Limited, Mangaluru	Shri Nilanjan Guha Shri Narattam Chakraborty (<i>Alternate</i>)	3/3

29.	Ministry of Consumer Affairs, Food & Public Distribution, New Delhi	Shri Ashok Kumar Dr Subhash Gupta (<i>Alternate</i>)	1/3
30.	Ministry of Environment, Forest and Climate Change (MoEF&CC), New Delhi	Dr Satyendra Kumar Dr Bhawna Singh (<i>Alternate</i>)	1/2
31.	National Federation of Cooperative Sugar Factories Ltd. (NFCSF), New Delhi	Shri K. Muralidhar Chowdary Shri K. V. Nagaraja Setty (<i>Alternate</i>)	1/3
32.	Nayara Energy Limited, Mumbai	Shri Tushar Dongre	3/3
33.	Office of the Textile Commissioner, Mumbai	Shri N. K. Gupta Shri C. R. Kalesan (<i>Alternate</i>)	2/3
34.	Plastindia Foundation, Mumbai	Shri Surender Choudhary Dr E. Sundaresan (<i>Alternate</i>)	3/3
35.	Rashtriya Chemical and Fertilizers Limited, Mumbai	Shri Kaustubh Kokane Mrs. Dipali Tammewar (<i>Alternate</i>)	3/3
36.	Reliance Industries Limited (RIL), Mumbai	Shri Raju Venkat Shri V. Ravikanth (<i>Alternate</i>)	3/3
37.	Texel Industries Ltd., Kalol	Shri Shailesh R. Mehta Shri Vinay Tripathi (<i>Alternate</i>)	2/3
38.	The Fertilizer Association of India (FAI), New Delhi	Dr D S Yadav Dr Naresh Prasad (<i>Alternate</i>)	2/3
39.	Ultratech Cement Limited, Mumbai	Dr Awadhesh K. Singh Shri Sandeep (<i>Alternate</i>)	3/3
40.	VCPL, Vadodara	Shri V. Sreenivasan Shri G M Patel (<i>Alternate</i>)	2/3
41.	Windmoller & Holscher India Pvt. Ltd., New Delhi	Shri Anuj Sahni Shri Saurabh Kumar Sharma (<i>Alternate</i>)	2/3

Scope and Composition of Coir and Coir Products Sectional Committee, TXD 25

Scope- To formulate Indian Standards on Coir fibre and Coir products like coir yarn, mats, mattings, mourzouks, carpets and rubberized coir cushioning

Meeting(s) held	Date & Place
14 th Meeting	29 June 2022 CISCO Webex
15 th Meeting	14 February 2023 CISCO Webex
16 th Meeting	15 September 2023 CISCO Webex

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Coir Board, Kochi	Shri J K Shukla (<i>Chairperson</i>)	3/3
2.	All India Rubberized Coir Products Manufacturers Association, New Delhi	Ms Jyothi Pradhan Shri Mathew George (<i>Alternate</i>)	3/3
3.	Central Coir Research Institute, Kochi	Director, RDTE Senior Scientific Officer (Poly) (<i>Alternate</i>)	3/3
4.	Central Institute of Coir Technology, Bengaluru	Joint Director (Tech) Senior Scientific Officer (<i>Alternate</i>)	3/3
5.	Charankattu Coir Manufacturing Corporation Private Limited, Shertallay	Shri C. R. Devaraj Shri C. D. Athul Raj (<i>Alternate</i>)	3/3
6.	Coimbatore District Coir Mnaufacturer's Association, Coimbatore	Shri P. Sudhakar Shri N Anburaj (<i>Alternate</i>)	1/3
7.	Coir Board, Kochi	Director Marketing Joint Director	3/3
8.	Coir on Foam Products, Noida	Shri Philip Varghese Shri Hariraj(<i>Alternate</i>)	3/3
9.	Coir Pith and Allied Products Manufacturers and Exporters Association, Coimbatore	Shri Mahesh	2/3
10.	Coir Shippers Council, Cherthala	Shri K J Joseph Shri Sajan B Nair(<i>Alternate</i>)	3/3
11.	Coir and Coir Mattings Association, New Delhi	Shri V A Joseph	1/3
12.	Federation of Indian Coir Exporters Associations, Alappuzha	Shir. John Chacko	1/3
13.	Hindustan Coir, Coir Board Complex	Weaving Master	2/3

14.	ICAR - Indian Institute of Horticultural Research, Bengaluru	Dr G Selvakumar Dr D Kalaivanan (<i>Alternate</i>)	3/3
15.	Indian Institute of Technology, Chennai	Prof. K Rajagopal	3/3
16.	Indian Plywood Industries Research and Training Institute, Bengaluru	Dr Sujatha. D	2/2
17.	Karnataka State Coir Development Corporation Limited, Bengaluru	Shri Venkatesh	1/3
18.	Kerala State Coir Corporation Limited, Alappuzha	Shri G Sreekumar Shri N Sunuraj(<i>Alternate</i>)	3/3
19.	Kerala Organic Manure & Fertilizer	Shri G Rajesh	3/3
20.	Kerala State Coir Marketing Federation,Limited, Thiruvananthapuram	Shri Suresh Kumar	1/3
21.	Kurlon Enterprise Limited, Ghaziabad	Ms. Jyothi Pradhan Shri P. Anil (<i>Alternate</i>)	3/3
22.	National Coir Research and Management Institute (NCRMI), Thiruvananthapuram	Director, NCRMI Shri Rinu Premraj (<i>Alternate</i>)	2/3
23.	National Coir Training and Design Centre, Alappuzha	Assistant Director	1/3
24.	Natura Green Tech (P) Ltd, Bengaluru	Shri Tommy Mathew Shri Abhishek Thomas (<i>Alternate</i>)	3/3
25.	Rajdhani Institute of Engineering and Technology, Thiruvananthapuram	Shri K. Balan	1/3
26.	Rubber Research Institute of India, Rubber Board, Kottayam	Shri Shera Mathew Dr Siby Varghese(<i>Alternate</i>)	3/3
27.	SFURTI (Coir Cluster)	Shri Shiju Nesamony Shri Nagarajan(<i>Alternate</i>)	3/3
28.	Travancore Cocotuft Private Limited,Cherthala	Shri P Mahadevan	3/3

Scope & Composition of Silk and Silk Products Sectional Committee, TXD 28

Scope: To formulate Indian Standards on terminology, methods of test, grading, specifications and packaging of all varieties of raw silk, degummed silk, silk byproducts and weighted silk including silk yarns and fabrics.

Meeting(s) held	Date & Place
14 th Meeting	04 January 2023
15th Meeting	07 June 2023 (VC)
16th Meeting	14 November 2023 (VC)

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Central Silk Board, Bangalore	Dr S Periyasamy Director, CSTRI (<i>Chairperson</i>)	3/3
2.	Anwar Silk Industries, Sidlaghatta, Karnataka	Shri Irshad Ahmed	2/2
3.	Central Silk Technological Research, Institute Bangalore	Dr Y C Radha Laxmi	3/3
4.	Central Silk Board, Bengaluru	Dr P Kumeresan	2/2
5.	Chamundi Textiles (Silk Mills) Limited, Bangalore	Shri Shashi Shetty Shri Venu Gopal (<i>Alternate</i>)	3/3
6.	Directorate of Handlooms & Textiles, Guwahati, Assam	Shri Ataur Rahman Shri Naren Malakar (<i>Alternate</i>)	3/3
7.	Directorate of Handlooms and Textiles Govt of Tamilnadu, Chennai	Thiru. C. Munianathan Dr. K. Karnan (<i>Alternate</i>)	3/3
8.	Indian Silk Export Promotion Council, Mumbai	Shri Sanjeev Kumar Sharma	3/3
9.	Indian Institute of chemical technology, Hyderabad	Dr. Pradosh P. Chakrabarti	2/3
10.	Jaipuria Silk Mills, Bangalore	Shri Vikram Jaipuria	1/3
11.	Karnataka Handloom Development Corporation Limited, Bangalore	Shri P. Chandrashekhhar	2/3
12.	Karnataka Silk Industries Corporation, Bangalore	Shri Siddalinga Prasad S.G. Shri D.S. Sangam (<i>Alternate</i>)	1/3
13.	Karnataka State Sericulture Development Institute, Bangalore	Shri Shri V.H. Maharaddi Shri A. Jambunath (<i>Alternate</i>)	3/3
14.	Khadi and Village Industries Commission, Mumbai	Shri D. Dhanpal Shri J.K. Gupta (<i>Alternate</i>)	3/3

15.	Lakshmi Weaving Factory, Bangalore	Shri Dinesh Pallem Shri Ravindra Pallem (<i>Alternate</i>)	2/2
16.	National Handloom Development Corp. Ltd, Lucknow	Shri Jitendra Tolambiya	2/3
17.	Office of the Development Commissioner For Handlooms, New Delhi	Principal, IIHT, Salem	2/3
18.	Office of Director of Handlooms & Textiles Govt. of Karnataka, Bangalore	Add Director (Textiles) Dy Director (Ms Vrinda) (Handlooms) (<i>Alternate</i>)	3/3
19.	Office of the Textile Commissioner, Mumbai	Shri Sourabh Kulkarni Shri Pranav Parashar (<i>Alternate</i>)	3/3
20.	Shri Ram Institute for Industrial Research, Delhi	Shri Vinay Samania Shri Bhuvneshwar Rai (<i>Alternate</i>)	3/3
21.	Silk Mark Organization of India, New Delhi/Bangalore	Shri K.S. Gopal Shri A. Subbaraj (<i>Alternate</i>)	3/3
22.	Textiles Committee, Mumbai	Shri Kartikay Dhanda Dr. P Ravichandran (<i>Alternate</i>)	3/3
23.	The Bombay Textile Research Association Mumbai	Ms. Shital Palaskar Shri Amol Thite (<i>Alternate</i>)	3/3
24.	The Tamilnadu Handloom Weavers' Coop Society Ltd, Chennai	Shri G Gunasekaran (Shri Alok Babelay) (<i>Alternate</i>)	2/3
25.	Lakshmi Weaving Factory, Bangalore	Shri Dinesh Pallem Shri Ravindra Pallem (<i>Alternate</i>)	2/2
26.	National Handloom Development Corp. Ltd, Lucknow	Shri Jitendra Tolambiya	2/3

Scope and Composition of Geosynthetics Sectional Committee, TXD 30

Scope:

- a) To formulate Indian standards on terminology, testing, specifications and codes of practices for identification, handling, storage and installation, etc. of all geo- synthetic products including geo-textiles, geo-membranes, geo-grids, geo-foams, geo- composites, clay liners and other geo-synthetic related products.
- b) To liaise with the work of ISO/TC 221 Geo-synthetics Technical Committee as a participating member.

Meeting(s) held	Date & Place
28 th Meeting	17 Nov 2022 CISCO Webex
29 th Meeting	20 July 2023 CISCO Webex
30 th Meeting	28 Dec 2023 CISCO Webex

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	The South India Textile Research Association Council, Coimbatore	Dr A. N. Desai (<i>Chairman</i>)	3/3
2.	Ahmedabad Textile Industry's Research Association, Ahmedabad	Smt Deepali Plawat Shri Jigar Dave (<i>Alternate</i>)	1/3
3.	Andhra University, Visakhapatnam	Prof. K Rajagopal	1/1
4.	Best Geotechnique Pvt Ltd, Mumbai	Shri Satish Naik	3/3
5.	Central Coir Research Institute, Alappuzha	Dr. S. Radhakrishnan Smt Sumy Sebastian (<i>Alternate</i>)	3/3
6.	Central Road Research Institute, New Delhi	Dr. P. S. Prasad Dr. Pankaj Gupta (<i>Alternate</i>)	2/3
7.	Central Soil and Materials Research Station New Delhi	Dr R. Chitra Dr Manish Gupta (<i>Alternate</i>)	3/3
8.	Charankattu Coir Mfg. Co. (P) Ltd, Kerala	Shri C. R. Devraj Shri C. D. Athul Raj (<i>Alternate</i>)	3/3
9.	Department of Jute and Fibre Technology, Kolkata	Prof (Dr) Swapan Ghosh (Dr) A. K. Singho (<i>Alternate</i>)	3/3
10.	DKTE Centre of Excellence in Nonwovens, Ichalkaranji	Dr. Shirish Kumar Vhanbatte	2/3
11.	Ganga Flood Control Commission, Patna	Shri M. K. Srinivas Shri Amitabh Prabhakar (<i>Alternate</i>)	2/3
12.	Garware Technical Fibers Ltd, Pune	Shri Tirumal Kulkarni Shri Rajendra Ghadge (<i>Alternate</i>)	3/3
13.	Geosynthetics Testing Services Pvt Ltd, Ahmedabad	Shri Ravikant Sharma	3/3

14.	ICAR- National Institute of Natural Fibre Engineering & Technology, Kolkata	Dr. Sanjoy Debnath Dr. Kartick Samanta (<i>Alternate</i>)	3/3
15.	Indian Geotechnical Society, New Delhi	Dr. Bappaditya Manna Dr Debayan Bhattacharya(<i>Alternate</i>)	1/3
16.	Indian Institute of Technology, Gandhinagar	Prof. Amit Prashant Dr. G V Rao (<i>Alternate</i>)	3/3
17.	Indian Institute of Technology, Madras	Prof. Dalli Naidu Arnepalli	2/3
18.	Indian Jute Industries' Research Association, Kolkata	Dr. Mahuya Ghosh Shri Palash Paul (<i>Alternate</i>)	2/3
19.	Indian Jute Mills Association, Kolkatta	Shri S. K. Chandra Shri J. K. Behera (<i>Alternate</i>) Shri Bhudipta Saha (<i>YP</i>)	2/3
20.	Indian Technical Textile Association, Mumbai	Dr. Anup Rakshit Smt. Ruchita Gupta (<i>Alternate</i>)	2/3
21.	International Geosynthetics Society, India Chapter, New Delhi	Prof. G. L Sivakumar Babu Smt. Dola Roychowdhury (<i>Alternate</i>)	1/3
22.	Kusumgar Corporates, Mumbai	Shri Y. K. Kusumgar Dr M. K. Talukdar (<i>Alternate</i>)	3/3
23.	Landmark Material Testing and Research Laboratory Pvt. Ltd, Jaipur	Dr. Anil Dixit Shri Harsh Kumar Chittora (<i>Alternate</i>)	3/3
24.	Macaferri Environmental Solutions Pvt Ltd, Navi Mumbai	Dr. Ratnakar Mahajan Smt Minimol Korulla (<i>Alternate</i>)	3/3
25.	Ministry of Road Transport & Highways, New Delhi	Shri Sanjiv Kumar	1/3
26.	National Jute Board, Kolkata	Shri M. Dutta	3/3
27.	Office of The Jute Commissioner, Kolkata	Shri Soumyadipta Datta	2/3
28.	Office of The Textile Commissioner, Mumbai	Shri Sivakumar S Shri Sanjay Charak (<i>Alternate</i>)	1/3
29.	Premier Polyfilms Ltd, Ghaziabad	Shri Amitaabh Goenka Shri Praveen Kumar (<i>Alternate</i>)	3/3
30.	Rajadhani Institute of Engineering & Technology, Trivandrum	Dr. K. Balan	3/3
31.	RDSO, Lucknow	Shri Sanjay Kumar Awasthi Shri Santosh Kumar Ojha (<i>Alternate</i>)	3/3
32.	Reliance Industries Ltd, New Delhi	Shri V Ravikanth Shri Rajendren Subramanian (<i>Alternate</i>)	3/3
33.	Sahastra Engineers Pvt Ltd, Noida	Shri Vankata Mayur	1/3
34.	Strata Geosystems (I) Pvt Ltd, Mumbai	Shri Narendra Dalmia Shri Shahrokh Bagli (<i>Alternate</i>) Shri Suraj Vedpathak (<i>YP</i>)	3/3
35.	Techfab India, Mumbai	Shri Anant Kanoi Shri Saurabh Vyas (<i>Alternate</i>)	3/3

36.	The Bombay Textile Research Association, Mumbai	Dr. Sreekumar Dr. Prasanta Kumar Panda (<i>Alternate</i>)	3/3
37.	The Synthetics & Art Silk Mills Research, Association, Mumbai	Dr. Manisha Mathur Shrimati Ashwini Sudam (<i>Alternate</i>)	3/3
38.	In Personal Capacity	Shri V. N. Gore	1/3
39.	In Personal Capacity	Shri P. K. Choudhury	2/3

Scope & Composition of Man-made Fibres, Cotton and their Products Sectional Committee, TXD 31

SCOPE: (a) To formulate Indian Standards for terminology, grading, packaging and specification for kapok, cotton, mill-made cotton fabrics and yarns spun on cotton system.

(b) To formulate for terminology, grading, packaging and specification for man-made fibres and their products

Meeting(s) held	Date & Place
30 th Meeting	30 Nov 2023 CISCO Webex
31 st Meeting	09 Feb 2024 CISCO Webex
32 nd Meeting	23 Apr 2024 CISCO Webex

SL NO	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Textiles Committee, Mumbai	Shri Kartikay Dhanda, Director (Labs) (<i>Chairman</i>)	3/3
2.	All India Cotton Farmer Producer Organization Association, Mumbai	Shri Manish Pratap Daga Shri Rajendra Laxman Karpe (<i>Alternate</i>)	1/1
3.	Association of Synthetic Fibre Industries, New Delhi	Shri M S Verma	3/3
4.	AYM Syntex, Dadra & Nagar Haveli	Shri Arnab Samantha	0/3
5.	Central Institute for Cotton Research, Nagpur	Dr. G.T. Behere Dr. S. Manickam (<i>Alternate</i>)	1/3
6.	Coats Groups, Madurai	Shri Meril Jenson	1/3
7.	Confederation of Indian Textile Industry, New Delhi	Smt Chandrima Chatterjee Shri Anmol Gupta (<i>Alternate</i>)	2/3
8.	Consumer Guidance Society of India, Mumbai	Dr Sitaram Dixit Dr M S Kamath (<i>Alternate</i>)	3/3
9.	Cotton Association of India, Mumbai	Atul S. Ganatra Shri Vinay N. Kotak (<i>Alternate</i>)	1/3
10.	Defence Material and Stores Research & Development Establishment, Kanpur	Shri Ashok Kumar Yadav Shri Biswa Ranjan Das (<i>Alternate</i>)	1/3
11.	Department of Chemicals and Petrochemicals, New Delhi	Shri O P Sharma	3/3
12.	Federation of Gujarat Weaver Welfare Association, Surat	Shri Ashok Jirawala Shri Sanjay Desai (<i>Alternate</i>)	2/3
13.	Grasim Industries Limited, Vadodara	Smt Shailley Garg Smt Ashmita Panchal (<i>Alternate</i>)	1/3

14.	Garden Silk Mills Pvt Ltd., Surat	Prasenjit Mandal Dr. Soumyen Pal (<i>Alternate</i>)	2/3
15.	ICAR – Central Institute for Cotton Research	Dr. G.T. Behere Dr. S. Manickam (<i>Alternate</i>)	1/1
16.	ICAR – Central Institute for Research on Cotton Technology, Mumbai	Dr Senthil Kumar Dr A Arputharaj (<i>Alternate</i>)	3/3
17.	Kotak And Company, Mumbai	Shri Suresh A. Kotak	0/0
18.	Northern India Textile Research Association, Ghaziabad	Shri Sanjeev Shukla	3/3
19.	Office of the Textiles Commissioner, Mumbai	Shri Sourabh Kulkarni (Shri Pranav Parashar) (<i>Alternate</i>)	0/3
20.	Reliance Industries Limited, Mumbai	Shri Ajay Gupta Shri Keshav Pareek (<i>Alternate</i>)	3/3
21.	SITRA, Coimbatore	Shri V Thanabal Shri S. Sivakumar (<i>Alternate</i>)	3/3
22.	South Gujarat Chambers of Commerce and Industry, Surat	Shri Himanshu Bodawala Shri Ashish Gujarati (<i>Alternate</i>)	3/3
23.	South Gujarat Warp Knitters Association, Surat	Shri Brijesh Gondaliya Shri Raman Megotia (<i>Alternate</i>)	3/3
24.	Textiles Committee, Mumbai	Shri J D Barman Shri P N S Sivakumar (<i>Alternate</i>)	0/3
25.	The Bombay Textile Research Association, Mumbai	Shri R A Shaikh Smt Shreyasi Nandy (<i>Alternate</i>)	3/3
26.	The Cotton Corporation of India Ltd, Navi Mumbai	Shri S K Panigrahi Shri Pranjal P Joshi (<i>Alternate</i>)	3/3
27.	The Southern India Mills' Association, Coimbatore	Dr. K Selvaraju Shri Nagarajan Esakkimuthu (<i>Alternate</i>)	3/3
28.	The Synthetic and Art Silk Mills Research Association, Mumbai	Smt (Dr) Manisha Mathur Smt Ashwini A Sudam (<i>Alternate</i>)	3/3
29.	Veermata Jijabai Technological Institute, Mumbai	Smt (Dr) Suranjana Gangopahyay Shri S P Borkar (<i>Alternate</i>)	2/3

Scope & Composition of Textile Protective Clothing Sectional Committee, TXD 32

SCOPE: To formulate Indian Standards for testing and specification for textile protective clothing for protection from fire and other health/life hazards

Meeting(s) held	Date & Place
17 th Meeting	29 May 2023 CISCO Webex
18 th Meeting	19 Dec 2023 CISCO Webex
19 th Meeting	21 May 2024 CISCO Webex

SL NO	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/ (ALTERNATE)	ATTENDANCE
1	Northern India Textile Research Association, (NITRA)Ghaziabad	Dr. Arindam Basu CHAIRMAN	3/3
2.	Aeronav Industrial Safety Appliances, Noida	Shri Sandeep Hora	3/3
3.	Arvind Limited, Ahmedabad	Shri Narinder Thapa Shri Pabitra Sahoo (<i>Alternate</i>) Smt Palak Kakkar (<i>Young Professional</i>)	1/3
4.	Border Security Force, New Delhi	Shri Satish Chandra Shri Tarun Ravi (<i>Alternate</i>)	0/3
5.	Avient Protective Materials Limited, Pune	Shri Harsh Wardhan Sharma Shri Rakesh Gaikwad (<i>Alternate</i>)	2/3
6.	Central Industrial Security Force, New Delhi	Shri Anand Saxena Shri Ravindra Kumar Meel (<i>Alternate</i>)	1/3
7.	Central Reserve Police Force, New Delhi	Shri D.N Lal Shri Sanjeev Kumar Singh (<i>Alternate</i>)	2/3
8.	Centre for Fire and Explosive Environment Safety, Defence Institute of Fire Research, Delhi	Shri Mahipal Meena Ms Anjlina Kerketta (<i>Alternate</i>)	2/3
9.	Confederation of Indian Industry, New Delhi	Shri Saunak Banerjee	3/3
10.	Defence Bio-Engineering and Electromedical Laboratory, Ministry of Defence, Bengaluru	Dr T M Kotresh Shri Vinoth. P (<i>Alternate</i>)	0/3
11.	Defence Institute of Physiology and Allied Science (DRDO), New Delhi	Dr. Madhusudan Pal Shri Sunil Kumar Hota (<i>Alternate</i>)	1/3

12.	Defence Materials and Stores Research and Development Establishment, Kanpur	Shri Mukesh Sinha Shri Ajitendra Singh Parihar (Alternate)	2/3
13.	Defence Research and Development Organisation, Terminal Ballistics Research Laboratory, Chandigarh	Dr. Preeti Jain Shri Sandeep Bagga (Alternate)	0/3
14.	Department of Delhi Fire Services, Govt of NCT of Delhi, Delhi	Atul Garg Shri Sanjay Tomar (Alternate)	1/3
15.	Department of Jute and Fibre Technology, University of Kolkata, Kolkata	Prof A. K. Samanta Prof D Das (Alternate)	2/3
16.	Directorate General Fire Services, Civil Defence and Home Guards, Ministry of Home Affairs, New Delhi	Shri Prashant Longkar	1/3
17.	Directorate General of Quality Assurance, Ministry of Defence, New Delhi	Shri Mahendra Singh Shri P De (Alternate)	0/3
18.	E.I. DuPont India Private Limited, Gurugram	Shri Manoj Jhaver Smt. Mithali Chenggapa (Alternate)	3/3
19.	Foremost Technico Private Limited, New Delhi	Shri Vinay Khanna Shri Anoop Khanna (Alternate)	3/3
20.	Indian Institute of Technology Delhi, New Delhi	Prof. Abhijit Majumdar Dr Bipin Kumar (Alternate)	3/3
21.	Indian Technical Textiles Association, Mumbai	Dr Anup Rakshit Shri Sanjay Sathe (Alternate)	2/3
22.	Indo Tibetan Border Police, New Delhi	Shri M Kumar Shri Uttam Kumar (Alternate)	3/3
23.	JCT Limited, Hoshiarpur	Shri K S Dhillon Shri Arwinder Singh (Alternate)	1/3
24.	Kusumgar Corporates Private Limited, Vapi	Shri Sidhartha Kusumgar Dr M K Talukdar (Alternate)	2/3
25.	Mishra Dhatu Nigam Limited, Hyderabad	Col Ashwani Kumar	0/3
26.	National Forensic Sciences University, Gandhinagar	Shri S K Khandelwal Shri Saurabh Kumar (Alternate)	1/3
27.	Northern India Textile Research Association, Ghaziabad	Dr M S Parmar Smt Shweta Saxena (Alternate)	3/3
28.	National Security Guard, New Delhi	Shri Manu Lochab	2/3

29.	Office of the Textile Commissioner, Mumbai	Shri N. K. Singh Shri Sanjay Charak (<i>Alternate</i>)	2/3
30.	Oil Industry Safety Directorate, Noida	Shri Devendra M. Mahajan Shri Harendra Yadav (<i>Alternate</i>)	1/3
31.	Ordnance Clothing Factory, Shahjahanpur	Shri V Mathivanan Shri Shanmugam B (<i>Alternate</i>)	3/3
32.	SGS India Private Limited, Mumbai	Dr. Anitha Jeyaraj Dr. Karthikeyan K (<i>Alternate</i>)	3/3
33.	SMPP Private Limited, New Dehi	Shri Ashish Kansal Dr. S. C. Kansal (<i>Alternate</i>)	2/3
34.	Star Safety Hub, Faridabad	Shri Pawan Kumar Gupta Shri Naveen Gupta (<i>Alternate</i>)	3/3
35.	System 5S Private Limited, Chennai	Shri Sudhir Takkar Smt. Bhavna Sr. Takkar (<i>Alternate</i>)	3/3
36.	Teijin India Private Limited, Gurugram	Shri Ravi Kumar Shri Sahil Aneja (<i>Alternate</i>)	2/3
37.	Tex Corporation Limited, Gurugram	Shri Vijay Toley Shri Sanjay Aggarwal (<i>Alternate</i>)	1/3
38.	Textiles Committee, Mumbai	Shri Kartikay Dhanda Smt Shilpi Chauhan (<i>Alternate</i>)	1/3
39.	The Synthetic and Art Silk Mills Research Association, Mumbai	Shri Premnath Surwase Ravi Prakash Singh (<i>Alternate</i>)	0/3
40.	TUV Rhineland (India) Private Limited, Mumbai	Dr. P. S. Sundaram Shri Shivendra Parmar (<i>Alternate</i>)	1/3

Scope & Composition of Industrial Fabrics Sectional Committee, TXD 33

Scope: To formulate Indian standards for terminology, testing and specifications for industrial fabrics, coated and treated fabric and their products including non-woven textiles made from natural and man- made fibres/filaments and blends thereof.

Meeting(s) held	Date & Place
17th Meeting	10 January, 2023 (through videoconferencing)
18th Meeting	18 July 2023 (through videoconferencing)
19th Meeting	22 November 2023 (through Cisco Webex)

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	PSGTECH	Dr. G. Thilagavathi (Professor and HOD, Textiles) <i>(Chairperson)</i>	3/3
2.	ACB India Limited, Gurugram	Shri G. Sambasiva Rao	2/3
3.	Ahmedabad Textile Research Association, Ahmedabad	Smt. Deepali Plawat Shri Jigar Dave <i>(Alternate)</i>	3/3
4.	Arvind Advance Material Ltd., Gandhinagar	Ms. Palak Kakkar	3/3
5.	Director General of Quality Assurance, Mumbai	Shri Manoj Pandey Shri Anuj Shukla <i>(Alternate)</i>	2/3
6.	Entermonde Polycoaters Limited, Nashik	Dr K M S Reddy Shri Ajey Godbole <i>(Alternate)</i>	2/3
7.	Forech India Private Limited, New Delhi	Shri Krishan Agarwal Dr. Timir Bhattacharyya <i>(Alternate)</i>	1/1
8.	Garware Technical Fibres Limited, Pune	Shri S J Chitnis Shri Rajendra Ghadge <i>(Alternate)</i>	2/3
9.	ICAR- National Institute of Natural Fibre Engineering & Technology, Kolkata	Dr. Sanjoy Debnath Dr. Manik Bhowmick <i>(Alternate)</i>	2/3
10.	Indian Technical Textile association, Mumbai	Dr Anup Rakshit Smt. Ruchita Gupta <i>(Alternate)</i>	2/3
11.	Institute of Handloom Technology, Salem	Dr. Praba Karan C.	3/3
12.	Jeevan Ecotex Pvt Ltd, Mumbai,	Shri Aditya Agarwal	3/3
13.	Khosla Profil Pvt. Limited, Mumbai	Shri Rajkumar Khosla Shri Rahul Bajaj <i>(Alternate)</i>	3/3

14.	Kirti Filtration and Automation Pvt Ltd, Vadodara	Shri Kulin Masturlal Smt Kirti Masturlal (<i>Alternate</i>)	2/3
15.	Kusumgar Corporates, Mumbai	Shri Y K Kusumgar Dr M K Talukdar (<i>Alternate</i>)	3/3
16.	Masturlal Private Limited, Mumbai	Shri Shramik Masturlal	2/3
17.	Ministry of Textiles (NTTM), New Delhi	Dr. Mukesh Kumar Sinha Shri Sourabh Awasthi (<i>Alternate</i>)	1/3
18.	Office of the Textile Commissioner, Mumbai	Shri Narottam Kumar Shri Amar K Chaphpekar (<i>Alternate</i>)	2/3
19.	PSG College of Technology, Coimbatore	Shri V Muthukumar Mr. Dr. J. C. Sakthivel (<i>Alternate</i>)	3/3
20.	Pacific Harish Industries Ltd, Mumbai	Shri Munjal Udeshi Mr. Shri N. R. Sarkar(<i>Alternate</i>)	3/3
21.	Shiva Taxyarn Limited, Coimbatore,	Shri Senthil Ram Shri Sureshbabu Kakkan (<i>Alternate</i>)	3/3
22.	SRF Limited, Gurugram	Shri G.S. Saravanan Smt. Angeline Divya (<i>Alternate</i>)	3/3
23.	Supreme Nonwoven Industries, Mumbai	Shri Punit Gupta Shri Dishir Bhayani (<i>Alternate</i>)	3/3
24.	Textiles Committee, Mumbai	Shri J D Barman Shri R. Chandran (<i>Alternate</i>)	2/3
25.	The Synthetics and Art Silk Mills Research Association, Mumbai	Dr Manisha Mathur Smt Ashwini Sudam (<i>Alternate</i>)	3/3
26.	Ultratech Cement, Mumbai	Shri Raju Goyal Shri Sanjeev Srivastava (<i>Alternate</i>)	3/3
27.	Universal Yarn and Tex Pvt. Ltd, Unnao	Shri Rajiv Bhartiya	1/3
28.	Welspun India	Shri Rajeev Sharma Shri Basudev Basu (<i>Alternate</i>)	3/3

Scope & Composition of Technical Textiles for Buildtech Applications Sectional Committee, TXD

34

Scope: To formulate Indian Standards for terminology, testing and specification for technical textiles for build-tech applications such as building infrastructure, landscaping, decoration, hoardings etc.

Meetings held	Date and Place
08 th Meeting	05 November 2022 (Video Conferencing)
09 th Meeting	28 August 2023 (Video Conferencing)
10 th Meeting	06 November 2023 (Video Conferencing)

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Indian Institute of Technology Delhi	Prof (Dr) Abhijit Majumdar <i>(Chairman)</i>	3/3
2.	Association of Synthetic Fibre Industries, New Delhi	Shri S C Kapoor Shri M S Verma <i>(Alternate)</i>	2/3
3.	Bekaert Industries Private Ltd, Pune	Shri Ganesh Chaudhari Shri Navneet Narayan <i>(Alternate)</i>	0/3
4.	Cement Manufacturers Association, Noida	Dr Sujit Ghosh Shri K Jayasankar <i>(Alternate)</i> Shri Shubho Chakravarty <i>(Alternate)</i>	3/3
5.	Central Building Research Institute, Roorkee	Shri S K Singh	0/3
6.	CSIR-Structural Engineering Research Centre, Chennai	Smt. Smitha Gopinath Shri V Ramesh Kumar <i>(Alternate)</i>	3/3
7.	E I DuPont India Pvt Limited, Gurugram	Shri Manish Bansal Shri Atanu Achrya <i>(Alternate)</i>	0/3
8.	Entremonde Polycoaters Limited, Agra	Dr. KMS Reddy	0/3
9.	Garware Technical Fibres Limited, Pune	Shri Rajendra Ghadge	2/3
10.	Indian Technical Textile Association, Mumbai	Dr Anup Rakshit	2/3
11.	Nina Concrete System Pvt Ltd, Mumbai	Shri Rakesh Gupta Shri Kaushal Parikh <i>(Alternate)</i>	2/3
12.	Ministry of Textile, New Delhi	Dr Mukesh Kumar Sinha	1/1
13.	Office of the Textile Commissioner, Mumbai	Shri Narottam Kumar Shri Amar K Chaphekar <i>(Alternate)</i>	0/3
14.	Oriental Infrastructure Limited, New Delhi	Col A K Bhasin	0/3

15.	Owen Cornings, Mumbai	Ms Niharika	0/3
16.	P N Safety Industries, Mumbai	Mr. Chetan Nalavade Mr. Ganesh Patil (<i>Alternate</i>)	1/1
17.	PEC University of Technology, Chandigarh	Dr S K Singh Dr Sanjay Mathur (<i>Alternate</i>)	0/3
18.	Plastindia Foundation, Mumbai	Shri Surender Chaudhary Shri L K Singh (<i>Alternate</i>)	3/3
19.	Reliance Industries Ltd, Mumbai	Shri Rajiv Gauri Shri Manish Tiwari (<i>Alternate</i>)	3/3
20.	Shapoorji Pallanji & Co P Limited, Mumbai	Shri Manoj Kawalkar Hemant Gopinath Joshi (<i>Alternate</i>)	2/3
21.	Shri Ram Institute for Industrial Research, Delhi	Shri Vinay Kumar Samania Dr. Bhuvneshwar Rai (<i>Alternate</i>)	1/3
22.	SRF Technical Fibres Limited, Chennai	Smt Angelina Divya	1/3
23.	The Synthetic and Art Silk Mills Research Association, Mumbai	Shri Ravi Prakash Singh Shri Premnath Surwase (<i>Alternate</i>)	3/3
24.	Textiles Committee, New Delhi	Shri J D Barman Shri R Chandran (<i>Alternate</i>)	2/3

Scope & Composition of Technical Textiles for Agrotech Applications Sectional Committee, TXD
35

Scope: To formulate Indian Standards for terminology, testing and specifications for technical textiles for agrotech applications such as horticulture, agriculture, forestry and animal husbandry etc.

Meetings held	Date and Place
19 th Meeting	17 April 2023 through WebEx video conference
20 th meeting	10 November 2023 through WebEx video conference
21 st meeting	03 May 2024 through WebEx video conference

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	The Synthetic and Art Silk Mills Research Association, Mumbai	Dr. Manisha Mathur (<i>Chairperson</i>)	3/3
2.	Azuka Synthetics LLP, Panchkula	Shri Sushant Gupta	3/3
3.	Central Silk Board, Bangalore	Mr. Dr. S Periyasamy Dr. S. Nivedita (<i>Alternate</i>)	2/3
4.	Chandra Shekhar Azad University of Agriculture and Technology, Kanpur	Dr Ashok Kumar Dr Jitendra Yadav (<i>Alternate</i>)	1/3
5.	CTM Technical Textiles Limited, Ahmedabad	Shri Amit Agarwal Dr. Vihar V Rakhunde (<i>Alternate</i>)	1/3
6.	Department of Jute and Fibre Technology, Institute of Jute Technology, University of Calcutta	Dr Swapan Kumar Ghosh Dr A K Singha (<i>Alternate</i>)	3/3
7.	Garware Technical Fibres Limited, Dist: Satara	Dr Vijay Ramakrishnan Shri Sachin Kulkarni (<i>Alternate</i>)	3/3
8.	ICAR-NIBSM	Dr Pankaj Sharma	1/1
9.	ICAR-National Institute of Natural Fibre Engineering and Technology (NINFET), Kolkata	Dr Surajit Sengupta Shri Manik Bhowmick (<i>Alternate</i>)	3/3
10.	Indian Agricultural Research Institute, New Delhi	Dr Manoj Khanna Smt. Susama Sudhishri (<i>Alternate</i>)	3/3
11.	Indian Jute Industries Research Association, Kolkata	Dr Mahua Ghosh Shri Debi Prasad Gon (<i>Alternate</i>)	3/3
12.	Indian Technical Textile Association, Mumbai	Dr Anup Rakshit Ms Ruchita Gupta (<i>Alternate</i>)	3/3
13.	Lamifab & Papers (P) Limited, Aurangabad	Shri Kamlesh Dhoot Shri Kishorilal Dhoot (<i>Alternate</i>)	2/3
14.	National Committee on Precision Applications in Horticulture, Ministry of Agriculture & Farmer Welfare, New Delhi	Shri Anand Zambre Shri K K Kaushal (<i>Alternate</i>)	2/3

15.	Office of Jute Commissioner, Kolkata	Shri Somyadipta Datta Ms. Asuna Mukherjee (<i>Alternate</i>)	3/3
16.	Office of the Textile Commissioner, Mumbai	Shri Sivakumar S Shri N K Singh (<i>Alternate</i>)	3/3
17.	Reliance Industries Limited, Mumbai	Shri Sunil Mahajan Shri Shrichand Santani (<i>Alternate</i>)	1/3
18.	Rishi Techtex Limited, Mumbai	Shri Dinesh Chandra Mehta Shri Mavji Savani (<i>Alternate</i>)	3/3
19.	Shri Ambica Polymer Pvt Ltd, Ahmedabad	Smt Jyotika Nagri Shri Parth Nagri (<i>Alternate</i>)	2/3
20.	Texel Industries Limited, Kalol	Shri Shailesh R Mehta Shri Naresh R Mehta (<i>Alternate</i>)	2/3
21.	Textiles Committee, Mumbai	Shri R Chandran Shri J Parmeshwaran (<i>Alternate</i>)	3/3
22.	The Synthetic & Art Silk Mills Research	Smt Aswini Sudam Shri Premnath Surwase (<i>Alternate</i>)	3/3
23.	V K Packwell Pvt Limited, Kanpur	Shri Vikesh Kumar Gupta Shri Sachidanand Tiwari (<i>Alternate</i>)	3/3

Scope and Composition of Technical Textiles for Medtech Applications, TXD 36

Scope: To formulate Indian Standards for terminology, testing and specifications for technical textiles for medtech applications (including medical devices made of textile material) such as healthcare and hygiene textile products, implantable and non-implantable and extra corporeal textile products.

Meetings held	Date and Place
23rd Meeting	04 August, 2023 (Through VC)
24th Meeting	07 November 2023 (Through VC)
25th Meeting	05 January, 2024 (Through VC)

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Director, SITRA	Dr. Prakash Vasudevan <i>(Chairperson)</i>	3/3
2.	3 M India Limited New Delhi	Shri Kulveen Singh Bali Smt. Prabha Hegde <i>(Alternate)</i>	3/3
3.	Alpha Foam Ltd., Pune	Shri Rajiv Ranka Shri Apurva Ranka <i>(Alternate)</i>	3/3
4.	Association of Indian Medical Device Industry (AiMeD), New Delhi	Shri Amit Kumar Smt. Rama Venugopal <i>(Alternate)</i>	3/3
5.	All Indian Institute of Medical Sciences, New Delhi	Dr. Vijaydeep Siddharth Dr. Sidhartha Satpathy <i>(Alternate)</i> Dr. Anoop Daga <i>(YP)</i>	2/3
6.	Business Coordination House New Delhi	Shri Kanav Gupta Smt. Ritika Gupta <i>(Alternate)</i>	1/3
7.	Cologenes Healthcare Pvt. Ltd, Salem	Shri R Krishana Kumar Shri K. Ramprasad <i>(Alternate)</i>	2/3
8.	Defence Research & Development Establishment (DRDE), Gwalior	Dr. Vikas B. Thakre Shri Suraj Bharati <i>(Alternate)</i>	2/3
9.	DGAFMS, Ministry of Defence, New Delhi	Surg Capt S.S Dalawayi Surg Lt Cdr Kotian V. Gopal <i>(Alternate)</i>	2/3
10.	DGQA (Ministry of Defence), New Delhi	Shri S.S. Kashyap Shri Arnab Das <i>(Alternate)</i>	3/3
11.	Dima Products, Mumbai	Shri Nirav Mehta Shri Raghavan Adiyodi <i>(Alternate)</i>	3/3
12.	Director General of Health Services, New Delhi	Dr. Naresh Panchal Dr. B. S. Charan <i>(Alternate)</i>	3/3
13.	Dispoline India Private Limited, Bangalore	Shri Sumit Marwah	3/3
14.	DMSRDE, Kanpur	Dr. Mukesh Kumar Sinha	2/3

15.	Dr. Sabharwals Manufacturing Labs Pvt Ltd, Panchkula	Shri Manish Sabharwal Shri Dhruv Sabharwal (<i>Alternate</i>)	3/3
16.	Federation of Indian Chambers of Commerce & Industry, New Delhi	Dr. Sanjiiv Rehlan Ms Tulsi (<i>Alternate</i>)	3/3
17.	Ginni Filaments Limited NOIDA	Shri Pramod Sharma Mr. Gurmeet Singh (<i>Alternate</i>)	3/3
18.	Indian Council of Medical Research, New Delhi	Dr. Sadhana Srivastav	3/3
19.	Indian Institute of Technology, New Delhi	Prof Ashwini Agarwal Prof Bipin Kumar (<i>Alternate</i>)	2/3
20.	Indian Technical Textile Association	Dr. Anup Rakshit Shri Mahesh Kudav (<i>Alternate</i>)	2/3
21.	JNTL Consumer Health (India) Pvt Ltd. (Kvenue), Mumbai	Smt. Monika Sathe Ms. Roocha Khedkar (<i>Alternate</i>)	3/3
22.	KOB Medical Textiles Pvt Ltd, Palladam	Shri Arun Buchade Shri T. Balaji (<i>Alternate</i>)	3/3
23.	Livinguard Technologies Pvt. Ltd., Mumbai	Ms. Shivani Swamy Shri Shashank Morje (<i>Alternate</i>)	3/3
24.	Maulana Azad Medical College, New Delhi	Dr. Pawanindra Lal Dr. Kirti Nath/Dr Lalit Gupta (<i>Alternate</i>)	3/3
25.	Medline Healthcare Industries Pvt. Ltd, Pune	Shri Anothony D' Costa Shri Dhaval Ghuge (<i>Alternate</i>)	2/3
26.	Ministry of Textiles (NTTM), New Delhi	Shri Ajay Pandit	2/3
27.	National Physical Laboratory, New Delhi	Dr. Suraj Khanna	1/3
28.	Nobel Hygiene, Mumbai	Shri Joy Devassy Smt. Sneha Gupta (<i>Alternate</i>)	3/3
29.	Office of the Drug Controller (CDSCO), Delhi	Dr. Aseem Sahoo Ms. Shyamni Sasidharan (<i>Alternate</i>)	2/3
30.	PGIMER, Chandigarh	Dr. Pankaj Arora Dr. Vijay Tadia (<i>Alternate</i>)	2/3
31.	Procter and Gamble Co., Mumbai	Shri Prashant Jadhav Shri Girish Parhate (<i>Alternate</i>)	2/3
32.	South India Textile Research Association, Coimbatore	Shri S. Sivakumar Dr. E. Santhini (<i>Alternate</i>)	3/3
33.	Surya Textech, Chandigarh	Shri Khalil Khan Shri Yogesh Yadav (<i>Alternate</i>)	3/3
34.	Textiles Committee Mumbai	Shri Kartikeyan Dhanda Dr. P. Ravichandran (<i>Alternate</i>)	3/3
35.	The Pad Project (NGO), India	Smt. Tanya Mahajan	3/3
36.	The Synthetics & Art Silk Mills Research Association, Mumbai	Dr Manisha Mathur Mrs. S. S. Dongre (<i>Alternate</i>)	3/3

Scope & Composition of, Technical Textiles for Sportech Applications Sectional Committee, TXD 37

SCOPE: To formulate Indian standards for terminology, testing, code of practice and specifications for Technical Textiles for Sportech Applications such as indoor and outdoor sports, recreational facilities, and equipment.

Meeting(s) held	Date & Place
5 th Meeting	30 June 2022 CISCO Webex
6 th Meeting	28 March 2023 CISCO Webex
7 th Meeting	27 Oct 2023 CISCO Webex

SL NO	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1	Wool Research Association, Thane	Dr (Smt) Mrinal Choudhari <i>(Chairman)</i>	3/3
2.	All India Football Federation (AIFF), Delhi	Dr Shaji Prabhakaran Shri Satyanarayan Muthyalu <i>(Alternate)</i>	0/0
3.	Archroma India Private Limited, Thane	Shri Anjani Prasad Shri Alex Dhanadurai <i>(Alternate)</i>	2/3
4.	Arvind Limited, Ahmedabad	Dr Kunal Shah Shri Satyapriya Dash <i>(Alternate)</i>	0/3
5.	Bhabi Multifab Private Limited	Mr Vijay Abhichandani Mr. Ajay Abhichandani <i>(Alternate)</i>	0/3
6.	Central Reserve Police Force, New Delhi	Shri D. N. Lal Shri Sanjeev Kumar Singh <i>(Alternate)</i>	2/3
7.	Coir Board, Kochi	Smt Anita Jacob Ms Sumi Sabestian <i>(Alternate)</i>	0/3
8.	Garware Technical Fibres Limited, Pune	Dr Vijay Ramakrishnan Shri Sachin Kulkarni <i>(Alternate)</i>	3/3
9.	ICAR - Central Institute for Research on Cotton Technology, Mumbai	Dr T Senthilkumar Dr A Arputharaj <i>(Alternate)</i>	3/3
10.	Indian Institute of Technology, Delhi	Prof Bipin Kumar	1/3
11.	Indian Jute Industries Research Association, Kolkata	Shri Palash Paul Shri Parth Sanyal <i>(Alternate)</i>	1/3
12.	Indian Technical Textile Association	Dr Anup Rakshit Shri Sunil Kumar <i>(Alternate)</i>	3/3
13.	Jasch Industries Limited, Sonipat	Shri S K Verma	0/3

14.	JCT Limited, Phagwara	Shri K S Dhillon Shri Arwinder Singh (<i>Alternate</i>)	3/3
15.	Kusumgar Corporates Pvt Ltd, Mumbai	Shri Siddharth Y Kusumgar Dr M K Talukdar (<i>Alternate</i>)	3/3
16.	Lakshmibai National Institute of Physical Education, Gwalior	Prof. M. K. Singh Dr. Yatendra Kumar Singh (<i>Alternate</i>)	0/3
17.	Office of the Textile Commissioner, Mumbai	Shri Humayun K Shri Jagram Meena (<i>Alternate</i>)	1/3
18.	SGS Limited, Mumbai	Dr Karthikeyan K Smt Anitha Jeyaraj (<i>Alternate</i>)	2/3
19.	Sports Goods Manufacturers and Exporters Association, Jalandhar	Shri Vipin Mahajan Shri Ajaya Mahajan (<i>Alternate</i>)	0/3
20.	Synthetic and Art Silk Mills Research	Shri Ravi Prakash Singh Shri Sanjay Saini (<i>Alternate</i>)	2/3
21.	Textiles Committee, Mumbai	Dr P Ravichandran	2/3
22.	The Bombay Textile Research Association, Mumbai	Shri Amol Thite	2/3
23.	Veermata Jijabai Technological Institute, Mumbai	Dr Suranjana Gangopadhyay	1/3
24.	Wool Research Association, Thane	Shri Mayur Basuk Smt Smita Bait (<i>Alternate</i>)	3/3

Scope & Composition of Technical Textiles for Mobiltech Sectional Committee, TXD 38

Scope: To formulate Indian standards for terminology, testing, code of practice and specifications for Technical Textiles for Mobiltech Applications such as automobiles, railways, ships and aircraft.

Meeting(s) held	Date & Place
7 th Meeting	22 August 2023 through video conference
8 th Meeting	12 November 2023 through video conference
9 th Meeting	22 May 2024 through video conference

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Northern India Textile Research Association, Ghaziabad	Dr M S Parmar (<i>Chairperson</i>)	3/3
2.	Arvind Limited, Ahmedabad	Ms Mamtha Chaudhary Shri Pabitra Sahoo (<i>Alternate</i>)	3/3
3.	Autoliv India Ltd, Mysore	Shri Boobalan N Shri Rahul Guglani (<i>Alternate</i>)	3/3
4.	Automotive Research Association of India, Pune	Shri Khairatkar V. Sarai	1/2
5.	Autotech Nonwovens Private Limited, Surat	Shri Mr Sanjeev Saxena Shri Mr Punit Sirohia (<i>Alternate</i>)	2/3
6.	Century Enka Limited, Pune	Shri Veeresh M Hiremath Shri Krishnagopal Ladsaria (<i>Alternate</i>)	3/3
7.	Federation of Indian Chamber of Commerce & Industry, New Delhi	Shri Tushar Patel Shri A R Rajesh (<i>Alternate</i>)	3/3
8.	ICAR- Central Institute for Research on Cotton Technology, Mumbai	Dr G Krishna Prasad Dr A Arputharaj (<i>Alternate</i>)	3/3
9.	Indian Technical Textile Association, Mumbai	Dr Anup Rakshit Shri Ankit Desai (<i>Alternate</i>)	3/3
10.	Kusumgar Corporates Pvt Ltd, Mumbai	Shri Siddharth Y Kusumgar Dr M K Talukdar (<i>Alternate</i>)	3/3
11.	Northern India Textile Research Association, Ghaziabad	Dr Neha Kapil	3/3
12.	Office of the Textile Commissioner, Mumbai	Shri V K Kohli Shri Humayun K (<i>Alternate</i>)	3/3
13.	Sanrhea Tecchnical Textiles Limited, Kalol	Shri Mahaendra Singh Hada Shri Bhavesh B Shah (<i>Alternate</i>)	1/1
14.	S G S Limited, Gurugram	Shri Dr. Karthikeyan K. Shri Dinesh Sivabalan (<i>Alternate</i>)	3/3

15.	SRF Limited, Gurugram	Shri Bharat kumar Shri Siva Kumar (<i>Alternate</i>)	3/3
16.	Supreme Nonwoven, Mumbai	Shri Punit Gupta Shri C.K. Jain (<i>Alternate</i>)	1/3
17.	Testtex India Laboratories P Ltd, Mumbai	Smt Meeta Shingala	3/3
18.	Textiles Committee, New Delhi	Shri Kartikeya Dhanda Shri Ravichandra (<i>Alternate</i>)	3/3
19.	The Synthetic & Art Silk Mills Research Association, Mumbai	Shri Sanjay Saini Shri Premnath Surwase (<i>Alternate</i>)	3/3
20.	Uniproducts Pvt Ltd, Rewari	Shri Vikas Yadav	1/3
21.	Consumer VOICE, New Delhi	Shri M A U Khan Shri B K Mukhopadhyay (<i>Alternate</i>)	3/3
22.	M/s RFM Automotives	Shri H K Dua Shri Anurag Gupta (<i>Alternate</i>)	1/1

Scope & Composition of Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids Sectional Committee, TXD 39

Scope: To formulate Indian standards for terminology, testing, code of practice and specifications for technical textiles for clothtech applications including all types of narrow fabrics and braids excluding those meant for aeronautical purposes

Meeting(s) held	Date & Place
6 th Meeting	24 January 2023 CISCO Webex
7 th Meeting	24 August 2023 CISCO Webex
8 th Meeting	22 November 2023 CISCO Webex

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	DGQA, Ministry of Defence	Shri A Chowdhury (<i>Chairperson</i>)	3/3
2.	ICAR - Central Institute for Research on Cotton Technology, Mumbai	Dr P Jagajanantha Dr T Senthilkumar (<i>Alternate</i>)	3/3
3.	DKTE's Society Textile & Engineering Institute,	Shri Rajanna Gotipamul	2/3
4.	Federation of Indian Chambers of Commerce and Industry	Shri Anu Handa	3/3
5.	Indian Technical Textile Association, Mumbai	Dr Anup Rakshit Shri Vikram Jain (<i>Alternate</i>)	3/3
6.	M K U Limited, Kanpur	Shri Sumit Khandelw Shri Rajib Pal (<i>Alternate</i>)	2/3
7.	Motilal Dulichand Pvt Ltd, Kanpur	Shri Shailendra Nath Misra Shri Sudhir Shivhare (<i>Alternate</i>)	3/3
8.	National Textile Corporation, New Delhi	Shri R K Yadav	3/3
9.	Ordnance Parachute Factory, Kanpur	Shri V M Bagade Shri S Kondaiah (<i>Alternate</i>)	1/3
10.	SGS Limited, Gurugram	Ms Anitha Jeyaraj Shri Gaurav Saraswat (<i>Alternate</i>)	3/3
11.	S L Banthia Textiles Industries Pvt Ltd	Shri Santosh Kumar Banthia	1/2
12.	Sky Industries Ltd, Navi Mumbai	Shri Kapil Mehrotra Shri Michael (<i>Alternate</i>)	1/2
13.	Synthetic and Art Silk Mills Research Association, Mumbai	Shri Sanajy Saini Shri Premnath Surwase (<i>Alternate</i>)	2/3
14.	Textiles Committee, New Delhi	Shri R Chandran Shri Ganesh P Bangar(<i>Alternate</i>)	2/3

15.	Thanawala & Co., Mumbai	Shri Hemal Thanawal Shri Upendra Thanawala (<i>Alternate</i>)	3/3
16.	The Bombay Textile Research Association, Mumbai	Shir Shaikh Riyaz Ahmed Dr Prasanta Kumar Panda (<i>Alternate</i>)	1/3
17.	Office of the Textile Commissioner, Mumbai	Shri V K Kohli Shri Humayun K (<i>Alternate</i>)	1/3
18.	U P Textile Technological Institute, Kanpur	Dr. Prashant Vishnoi	2/3
19.	Universal Yarn & Tex Pvt Ltd, Kanpur	Shri Rajiv K Bhartiya	3/3

Scope & Composition of High Performance Fibres, Fibrous Structure and Textile Components of composites Sectional Committee, TXD 40

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

Meetings held	Date and Place
05 th Meeting	05 November 2022 (Video Conferencing)
06 th Meeting	28 August 2023 (Video Conferencing)
07 th Meeting	01 December 2023 (Video Conferencing)

SL NO.	ORGANIZATION REPRESENTED	NAME OF THE REPRESENTATIVE PRINCIPAL/(ALTERNATE)	ATTENDANCE
1.	Vikram Sarabhai Space Centre, Kerala	Dr Santhosh B (<i>Chairman</i>)	3/3
2.	Ahmedabad Textile Industry's Research Association, Ahmedabad	Shri Bhushan Choudhary Shri Hitesh Solanki (<i>Alternate</i>)	1/3
3.	Arvind Limited, Ahmedabad	Shri Pabitra Sahoo Ms. Palak Kakar (<i>Alternate</i>)	2/3
4.	ASL (Advanced Systems Laboratory) DRDO, Hyderabad	Dr G. Rama Rao	1/1
5.	Bhor Chemicals and Plastics Pvt Ltd, Mumbai	Dr Milind Khandwe Shri Akhil Hebbar (<i>Alternate</i>)	3/3
6.	CSIR- National Aerospace Laboratories, Bangaluru	Dr. Hemant Kumar Shukla Shri Tarun Kumar Pardhi (<i>Alternate</i>)	2/3
7.	DuPont India, Mumbai	Shri Atanu Acharya Shri Manoj Jhaver (<i>Alternate</i>)	2/3
8.	Garware Technical Fibers Ltd, Pune	Shri Sachin P Kulkarni	1/1
9.	Goa Glass Fibre Limited, Goa	Shri Nitin Pandurang Soman Shri Luciano Lobo (<i>Alternate</i>)	3/3
10.	ICAR-Central Institute for Research on Cotton Technology	Dr Ashok Kumar Bharimalla Dr P Jagajanatha (<i>Alternate</i>)	3/3
11.	Indian Institute of Technology, Delhi	Prof Mangala Joshi Prof Samrat Mukhopadhyay (<i>Alternate</i>)	3/3
12.	Indian Technical Textile Association	Dr Anup Rakshit Ms Ruchita Gupta (<i>Alternate</i>)	3/3
13.	Jupiter Chemicals Company, Shillong	Shri Uma Shankar Sharma	2/2
14.	Kusumgar Corporates, Mumbai	Shri Siddharth Y Kusumgar Dr M L Talukdar (<i>Alternate</i>)	3/3
15.	Ministry of Textiles, New Delhi	Dr Mukesh Kumar Sinha	0/0

16.	Nikol Advance Materials Pvt Ltd	Dr Dhaval Patel	3/3
17.	Office of the Textile Commissioner, Mumbai	Shri Ajay Pandit Shri Sivakumar S (<i>Alternate</i>)	3/3
18.	Owens Corning India Pvt Ltd, Mumbai	Shri Amar Alhad Tarkar Shri Rajesh Subhas Khisty (<i>Alternate</i>)	1/1
19.	Reliance Industries Limited, Mumbai	Shri Sunil Gidwani Shri Rajesh Patel (<i>Alternate</i>)	2/3
20.	SRF Limited, Gurugram	Shri Bharat Kumar	2/3
21.	Teijin India Pvt Ltd, Gurugram	Shri Priyarpan Srivastava Shri Ravi Kumar (<i>Alternate</i>)	3/3
22.	Textiles Committee, Mumbai	Shri Kartikay Dhanda Dr. P Ravichandran (<i>Alternate</i>)	3/3
23.	The Bombay Textiles Research Association, Mumbai	Dr Prasanta Kumar Panda Shri Amol Thite (<i>Alternate</i>)	3/3
24.	The Synthetic and Art Silk Mills Research Association, Mumbai	Shri Ravi Prakash Singh Shri Sanjay Saini (<i>Alternate</i>)	3/3
25.	Tulasi Industries, Coimbatore	Dr Chandramohan	1/3

ANNEX 5
(Item 5.3)

CO-OPTION OF MEMBERSHIP IN SECTIONAL COMMITTEES

Sectional Committee	Title	Organization	Reason
TXD 01	Physical Methods of Test Sectional Committee	National Test House, Kolkata	Recommended by Sectional Committee
TXD 03	Jute and Jute Products Sectional Committee	EID Parry (India) Ltd, Chennai	Recommended by Sectional Committee
TXD 03	Jute and Jute Products Sectional Committee	Ministry of Textiles, New Delhi	Recommended by Sectional Committee
TXD 04	Wool, Wool Products and Textiles Floor Coverings Sectional Committee	M/s Trident Home Decor Limited, Budhani	Recommended by Sectional Committee
TXD 04	Wool, Wool Products and Textiles Floor Coverings Sectional Committee	M/s Ganga Acrowools Ltd., Ludhiana	Recommended by Sectional Committee
TXD 04	Wool, Wool Products and Textiles Floor Coverings Sectional Committee	M/s National Woollen and Finishers, Panipat	Recommended by Sectional Committee
TXD 04	Wool, Wool Products and Textiles Floor Coverings Sectional Committee	M/s Wilton Weavers, Kerala	Recommended by Sectional Committee
TXD 05	Chemical Methods of Test Sectional Committee	SITRA, Coimbatore	Recommended by Sectional Committee
TXD 05	Chemical Methods of Test Sectional Committee	G. S. Nadiger	Recommended by Sectional Committee
TXD 05	Chemical Methods of Test Sectional Committee	Manjushree Spntek Pvt Ltd, Bangalore	Recommended by Sectional Committee

TXD05	Chemical Methods of Test Sectional Committee	EMC Testing and Compliance LLP, Gurgaon	Recommended by Sectional Committee
TXD 08	Handloom and Khadi Sectional Committee	ICAR – Central Institute for Research on Cotton Technology, Mumbai (CIRCOT)	Recommended by Sectional Committee
TXD 08	Handloom and Khadi Sectional Committee	Mahatma Gandhi Institute for Rural Industrialization, Wardha	Recommended by Sectional Committee
TXD 09	Cordage Sectional Committee	Indian Rope Manufacturers Association, Kolkata	Recommended by Sectional Committee
TXD 09	Cordage Sectional Committee	National Test House, Kolkata	Recommended by Sectional Committee
TXD 09	Cordage Sectional Committee	Wool Research Association, Thane	Recommended by Sectional Committee
TXD 09	Cordage Sectional Committee	Shipping Corporation of India Limited, Mumbai	Recommended by Sectional Committee
TXD 09	Cordage Sectional Committee	Central Institute of Petrochemicals Engineering & Technology , Bhopal	Recommended by Sectional Committee
TXD 09	Cordage Sectional Committee	Bombay Textile Research Association, Mumbai	Recommended by Sectional Committee
TXD 09	Cordage Sectional Committee	Usha Martin Ltd., Ranchi	Recommended by Sectional Committee
TXD 13	Textile Materials for Aeronautical and Related Products Sectional Committee	Swadeshi Niwar Mills, Kanpur	Recommended by Sectional Committee
TXD 13	Textile Materials for Aeronautical and Related Products Sectional Committee	Northern Indian Textile Research Association, Ghaziabad	Recommended by Sectional Committee

TXD 13	Textile Materials for Aeronautical and Related Products Sectional Committee	Ratanmoti Texfab (India) Pvt Ltd, Ichalkaranji	Recommended by Sectional Committee
TXD 13	Textile Materials for Aeronautical and Related Products Sectional Committee	Shingora Textiles Limited, Ludhiana	Recommended by Sectional Committee
TXD 14	Textile Machinery and Accessories Sectional Committee	Bajaj Industries Private Limited, Kolkata	Recommended by Sectional Committee
TXD 14	Textile Machinery and Accessories Sectional Committee	Indian Jute Mills Association, Kolkata	Recommended by Sectional Committee
TXD 14	Textile Machinery and Accessories Sectional Committee	Lagan Engineering Company Limited, Kolkata	Recommended by Sectional Committee
TXD 18	Textile Materials for Marine-Fishing Purposes Sectional Committee	Nirmala Polyrope India Pvt, Ltd., Coimbatore	Recommended by Sectional Committee
TXD 18	Textile Materials for Marine-Fishing Purposes Sectional Committee	National Association of Fisherman, New Delhi	Recommended by Sectional Committee
TXD 30	Geosynthetics Sectional Committee	Andhra University, Visakhapatnam	Recommended by Sectional Committee
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	South Gujarat Chambers of Commerce and Industry	Recommended by Sectional Committee
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	Federation of Gujarat Weaver Welfare Association.	Recommended by Sectional Committee
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	South Gujarat Warp Knitters Association.	Recommended by Sectional Committee

TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	South Gujarat Texturisers Welfare Association.	Recommended by Sectional Committee
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	Department of Chemical and Petrochemicals, New Delhi	Recommended by Sectional Committee
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	Coats Group, Madurai	Recommended by Sectional Committee
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	M/s Garden Silk Mills Pvt Ltd., Surat	Recommended by Sectional Committee
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	Farmer Representative, Akola	Recommended by Sectional Committee
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	Kotak & Company ltd	Recommended by Sectional Committee
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	Arvind Mills ltd	Recommended by Sectional Committee
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	Central Institute for Cotton Research (CICR), Nagpur	Recommended by Sectional Committee
TXD 33	Industrial Fabric Sectional Committee	Institute of Handloom Technology, Salem	Recommended by Sectional Committee
TXD 33	Industrial Fabric Sectional Committee, TXD 33	Jeevan Ecotex Pvt Ltd, Mumbai	Recommended by Sectional Committee

TXD 33	Industrial Fabric Sectional Committee, TXD 33	Khosla Profile Pvt. Ltd, Mumbai	Recommended by Sectional Committee
TXD 33	Industrial Fabric Sectional Committee, TXD 33	Shiva Texyarn Limited, Coimbatore	Recommended by Sectional Committee
TXD 33	Industrial Fabric Sectional Committee, TXD 33	Ultratech Cement, Mumbai	Recommended by Sectional Committee
TXD 33	Industrial Fabric Sectional Committee, TXD 33	Rajkumar Dyeing and Printing Works Pvt Ltd., Kolkata	Recommended by Sectional Committee
TXD 33	Industrial Fabric Sectional Committee, TXD 33	Rubber Board, Kerala	Recommended by Sectional Committee
TXD 33	Industrial Fabric Sectional Committee, TXD 33	Madura Industrial Textiles, Mumbai	Recommended by Sectional Committee
TXD 33	Industrial Fabric Sectional Committee, TXD 33	Super Tech fabrics, Vadodara, Gujarat	Recommended by Sectional Committee
TXD 33	Industrial Fabric Sectional Committee, TXD 33	Forech India Private Limitd, New Delhi	Recommended by Sectional Committee
TXD 34	Technical Textiles for Buildtech Applications Sectional Committee	P N Safety Industries	Recommended by Sectional Committee
TXD 35	Technical Textiles for Agrotech Applications Sectional Committee	ICAR-NIBSM	Recommended by Sectional Committee
TXD 38	Technical Textile for Mobiltech sectional Committee	RFM, Automotives	Recommended by Sectional Committee
TXD 40	High Performance Fibres, Fibrous Structure and Textile Components of composites Sectional Committee	Ministry of Textiles, New Delhi	Recommended by Sectional Committee

ANNEX 6
(Item 5.4)

WITHDRAWAL OF MEMBERSHIP FROM SECTIONAL COMMITTEES

Sectional Committee	Title	Organisation	Reason
TXD 01	Physical Methods of Test Sectional Committee	M/s Uster Technologies India Marketing Pvt. Ltd., Ahmedabad	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 03	Jute and Jute Products Sectional Committee TXD 03	Cheviot Company Limited, Kolkata.	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 04	Wool, Wool Products and Textiles Floor Coverings Sectional Committee	Agnext Technologies Private Limited, Mohali	Lack of interest, Recommendation of Sectional Committee.
TXD 04	Wool, Wool Products and Textiles Floor Coverings Sectional Committee	Art Weavers Pvt Limited, Varanasi	Lack of interest, Recommendation of Sectional Committee.
TXD 04	Wool, Wool Products and Textiles Floor Coverings Sectional Committee	Looms of Ladakh, Leh	Lack of interest, Recommendation of Sectional Committee.
TXD 04	Wool, Wool Products and Textiles Floor Coverings Sectional Committee	Shah Brothers, New Delhi	Lack of interest, Recommendation of Sectional Committee.
TXD 04	Wool, Wool Products and Textiles Floor Coverings Sectional Committee	Department of Sheep Husbandry, Ladakh	Lack of interest, Recommendation of Sectional Committee.

TXD 05	Chemical Methods of Test, Sectional Committee TXD 05	Suditi Industries Ltd., Mumbai	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 05	Chemical Methods of Test, Sectional Committee TXD 05	B. S. Acharya, In Personal Capacity	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 05	Chemical Methods of Test, Sectional Committee TXD 05	G.S. Nadiger, In Personal Capacity	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 08	Handloom and Khadi Sectional Committee	Association of Corporations of Apex Societies of Handlooms, Delhi	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 08	Handloom and Khadi Sectional Committee	Directorate of Handloom & Handicrafts, Madhya Pradesh	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 08	Handloom and Khadi Sectional Committee	J&K Handloom Development Corporation Ltd., Jammu Tawi	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 08	Handloom and Khadi Sectional Committee	All India Handloom Fabrics Marketing Cooperative Society Ltd, Delhi	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 08	Handloom and Khadi Sectional Committee	Commissioner Handloom & Textiles, Himachal Pradesh	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 08	Handloom and Khadi Sectional Committee	The Handicrafts & Handloom Exports Corporation of India Ltd, Noida	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 09	Cordage Sectional Committee	Association of Synthetic Fibre Industries (ASFI), New Delhi	Due to lack of interest in the work of committee/ non-

			participation in the last several committee meetings
TXD 09	Cordage Sectional Committee	Central Ordnance Depot, Kanpur	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 09	Cordage Sectional Committee	Reliance Industries Limited, Mumbai	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 09	Cordage Sectional Committee	Indian Rope Manufacturers Association, Kolkata	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 09	Cordage Sectional Committee	Central Institute of Petrochemicals Engineering & Technology , Bhopal	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 13	Textile Materials for Aeronautical and Related Products Sectional Committee	Spica Elastic Limited, Pune	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 14	Textile Machinery and Accessories Sectional Committee	National Textile Corporation	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 20	Made-Up Textiles (including ready made garments) Sectional Committee	Birla VXL Limited, Faridabad	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 20	Made-Up Textiles (including ready made garments) Sectional Committee	Orient Craft Ltd., Gurgaon	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 28	Silk and Silk Products Sectional Committee	Himatsingka Seide Limited, Bangalore	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings

TXD 28	Silk and Silk Products Sectional Committee	Vinegar Exports Private Limited, Bengaluru	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 28	Silk and Silk Products Sectional Committee	Savanadurgha Narashimma swamy silk reeling factory, Ramanagara, Karnataka	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 28	Silk and Silk Products Sectional Committee	Tamil Nadu Co-operative Silk Producers' Federation Limited (TANSILK), Kancheepuram	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 28	Silk and Silk Products Sectional Committee	Association of Corporations and Apex Societies of Handlooms, New Delhi	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 30	Geosynthetics Sectional Committee	Texel Industries Limited, Gandhinagar	Lack of interest, Recommendation of Sectional Committee.
TXD 30	Geosynthetics Sectional Committee	Megaplast India Pvt Ltd, Daman	Lack of interest, Recommendation of Sectional Committee.
TXD 30	Geosynthetics Sectional Committee	Indian Institute of Technology, Delhi	Lack of interest, Recommendation of Sectional Committee.
TXD 30	Geosynthetics Sectional Committee	Municipal Corporation of Greater Mumbai, Thane	Lack of interest, Recommendation of Sectional Committee.
TXD 30	Geosynthetics Sectional Committee	Shri J. T Nashikkar, In personal capacity	Lack of interest, Recommendation of Sectional Committee.
TXD 30	Geosynthetics Sectional Committee	Shri V. K. Patil, In personal capacity	Lack of interest, Recommendation of Sectional Committee.
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	Shri A Satheesan	Due to his old age and ill health.

TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	JCT Limited, Hoshiarpur	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	AYM Syntex, Silvassa	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	Gimatex Industries Pvt Ltd, Nagpur	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	Textiles Committee, Mumbai	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	South Gujarat Texturizers Welfare Association, Surat	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	The Synthetic and Rayon Textiles Export Promotion Council, Mumbai	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	Northern Indian Textiles Mills' Association, Chandigarh	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	Cotton Association of India, Mumbai	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	The Cotton Textile Export Promotion Council of India, Mumbai	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 31	Man-made Fibres, Cotton and their	Office of Textile Commissioner, New Delhi	Due to lack of interest in the work of committee/ non-

	Products Sectional Committee		participation in the last several committee meetings
TXD 31	Man-made Fibres, Cotton and their Products Sectional Committee	GBTL, Bhiwani	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 32	Textiles Protective Clothing Sectional Committee	Shri V K Kothari from IIT Delhi	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 33	Industrial Fabric Sectional Committee	Central Coir Research Institute, Alappuzha	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 33	Industrial Fabric Sectional Committee	Chettinad Cement, Chennai	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 33	Industrial Fabric Sectional Committee	PlastIndia Foundation, Mumbai	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 33	Industrial Fabric Sectional Committee	Reliance Industries Limited, Navi Mumbai	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 33	Industrial Fabric Sectional Committee	Salva Laminates Ltd, Vapi	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 33	Industrial Fabric Sectional Committee	DKTE Centre of Excellence in Nonwovens, Dist. Kolhapur	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 33	Industrial Fabric Sectional Committee	Ginni Filament, Noida	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings

TXD 33	Industrial Fabric Sectional Committee	Landmark Material Testing and Research Laboratory Pvt. Ltd., Jaipur	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 33	Industrial Fabric Sectional Committee	Maxtech Industries LLP, Mumbai	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 38	Technical Textile for Mobiltech sectional Committee	Metro Tyres Limited, Ludhiana	Due to absence in last three meetings of the Sectional Committee.
TXD 39	Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids Sectional Committee	Apparel Export Promotion Council, New Delhi	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 39	Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids Sectional Committee	Defence Materials & Stores Research & Development Establishment, Kanpur	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 39	Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids Sectional Committee	Indian Institute of Technology, Delhi	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 39	Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids Sectional Committee	Intertek India, Gurugram	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings
TXD 39	Technical Textiles for Clothtech Applications including Narrow	JCT Limited, Phagwara	Due to lack of interest in the work of committee/ non-participation in the last several committee meetings

	Fabrics and Braids Sectional Committee		
TXD 39	Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids Sectional Committee	Planet Analysis Pvt Ltd, Kanpur	Due to lack of interest in the work of committee/ non- participation in the last several committee meetings
TXD 39	Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids Sectional Committee	Shipra International, Kanpur	Due to lack of interest in the work of committee/ non- participation in the last several committee meetings
TXD 39	Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids Sectional Committee	Testtex India Laboratories Pvt. Ltd., Mumbai	Due to lack of interest in the work of committee/ non- participation in the last several committee meetings
TXD 40	High Performance Fibres, Fibrous Structure and Textile Components of composites Sectional Committee	Indian Jute Industries Research Association, Kolkata	Due to lack of interest in the work of committee/ non- participation in the last several committee meetings
TXD 40	High Performance Fibres, Fibrous Structure and Textile Components of composites Sectional Committee	Mishra Dhatu Nigam Limited, Hyderabad	Due to lack of interest in the work of committee/ non- participation in the last several committee meetings

ANNEX 7
(Item 5.5)

**MEMBERS TERMINATED FOR NON-PARTICIPATION IN TECHNICAL COMMITTEES
(BUT NOT REQUESTED FOR CONTINUATION)**

Sl. No.	Technical Committee	Organization	Members
1	TXD 01	Intertek India Private Limited, Gurugram	Shri Priyank Bhardwaj
2	TXD 01	Bidhata Industries Pvt. Ltd., Mumbai	Shri R. K. Pachariwala Shri Rohit Pachariwala
3	TXD 05	Intertek India Private Limited, Mumbai	Shri Narayan B. Borade
4	TXD 05	Venture Instrumentation Technologies Pvt. Ltd., Bangalore	Shri Vishal Vijay Babu (Shri Nagaraj C)
5	TXD 05	Grasim Industries, Mumbai	Shri Rohitsava kumar (Shri Yogiraj Gohil)
6	TXD 07	Archroma India Private Limited, Thane	Shri Rajesh Ramamurthy
7	TXD 07	Arvind Limited, Ahmedabad	Shri Umasankar Mahapatra
8	TXD 07	Department of Jute and Fibre Technology, University of Kolkata, Kolkata	Prof. D Das
9	TXD 08	Baster Adimjati Sewak Sangh, Baster	Shri Sumit Das (Shri Amit Das)
10	TXD 08	Directorate of Handlooms and Textiles, Government of Tamilnadu, Chennai	Shri T P Rajesh (Dr. K. Karnan)
11	TXD 08	Khadi and Village Industries Commission, New Delhi	Shri P Nallamuthu (Shri Ram Narayan)
12	TXD 08	Sushil Gramodyog Sanstha, Ghaziabad	Shri Sunil Tyagi
13	TXD 08	Textiles Committee, New Delhi	Shri Kartikay Dhanda (Smt Shilpi Chauhan)
14	TXD 09	Indian Jute Mill Association, Kolkata	Shri Samir Kumar Chandra Shri Bhudipta Saha
15	TXD 09	Shipping Corporation of India, Mumbai	Capt. Yogesh Puri
16	TXD 14	Amritlakshmi Machine Works, Mumbai	Shri N K Brahmachari (Shri N. K. Raut)
17	TXD 14	Dashmesh Jacquard and Powerloom Private Limited, Panipat	Shri Rajmeet Dhammu
18	TXD 14	HLL Lifecare Limited, Noida	Shri Akhil G.S (Shri Ratnakar Gupta)
19	TXD 14	JCB Industries, Guwahati	Shri Dhruba Sarma (Shri Abhijit Bhuyan)
20	TXD 14	Textile Machinery Manufacturers Association, Mumbai	Shri M. Shankar (Shri Prashant Mangukia)
21	TXD 14	The Textile Association (India), Mumbai	Shri J. B. Soma

			(Shri Ashok Juneja)
22	TXD 14	United Nations International Children's Emergency Fund, New Delhi	Dr. Pratibha Singh (Shri Yusuf Kabir)
23	TXD 25	Shaa Pith Media Company, Villankurichi	Shri S Prabhu
24	TXD 28	Vinegar Exports Private Limited	Shri Bimal Mawandia
25	TXD 28	Savanadurgha narashimma swamy silk reeling factory, Ramanagara, Karnataka	Shri Naganna
26	TXD 28	Vinegar Exports Private Limited, Bengaluru	Dr. Bimal Mawandia
27	TXD 28	Savanadurgha narashimma swamy silk reeling factory, Ramanagara, Karnataka	Shri Naganna
28	TXD 31	South Gujarat Texturizers Welfare Association, Surat	Shri Murari Sharaf (Shri Sumit Agrawal)
29	TXD 31	The Synthetic and Rayon Textiles Export Promotion Council, Mumbai	Shri S K Khandelia (Shri Praveen Kumar S Sadh)
30	TXD 31	Northern Indian Textiles Mills' Association, Chandigarh	Shri Sanjay Garg (Shri Sidhartha Khanna)
31	TXD 31	The Cotton Textile Export Promotion Council of India, Mumbai	Shri Siddartha Rajgopal
32	TXD 31	Gimatex Industries Pvt Ltd, Nagpur	Shri Atul Kumar Jain
33	TXD 32	Reliance Industries Limited, Mumbai	Shri Rahul Srivastava Shri Vijay Garg (Alternate)
34	TXD 32	NBC Equipment Wing, Ministry of Defence (DGQA), Pune	Shri BG Shinde Lt. Col RS Jhinkwan (Alternate)
35	TXD 32	MKU Limited, Kanpur	Shri Vaibhav Gupta Shri Rajib Pal (Alternate)
36	TXD 32	Ministry of Textiles, New Delhi	Dr Mukesh Kumar Sinha
37	TXD 32	Fire Retardant Association of India, Mumbai	Shri P V Murali Mohan
38	TXD 33	The Bombay Textile Research Association, Mumbai	Dr Prasanta Kumar Panda (Dr Sreekumar)
39	TXD 34	All India Flat Tape Manufacturers Association, New Delhi	Shri K S Arora
40	TXD 34	Business Co-ordination House Private Limited, New Delhi	Shri Samir Gupta
41	TXD 34	Building Material and Technology Promotion Council, New Delhi	Shri Shailesh Kumar Agrawal

42	TXD 34	Delkon Textiles Private Limited, Faridabad	Shri Vikas Singhal
43	TXD 34	Federation of Indian Chambers of Commerce and Industry, New Delhi	Shri Chetan Bijesure
44	TXD 35	Central Agricultural University, Imphal	Smt Mamoni Provha Bora
45	TXD 35	Central Institute of Plastics Engineering & Technology, Chennai	Dr Abdul Kader (Shri Rajiv Kumar Lilhare)
46	TXD 35	Federation of Indian Chamber of Commerce & Industry, New Delhi	Shri Birju N Bhojani (Shri Vivek Prabhu)
47	TXD 35	Horticulture Training Institute, Pune	Shri Ravindra Deshmukh (Shri Sampat Yadav)
48	TXD 35	Indian Institute of Packaging, Mumbai	Dr Tanweer Alam (Shri Mahadeb Chakravarty)
49	TXD 35	Indian Jute Mills Association, Kolkata	Shri Samir Kumar Chandra (Shri J K Behera)
50	TXD 35	Maha Seedsmen Association, Jalna	Shri Satyanarayan B Rathi (Shri Uddhav Manikrao Shirsath)
51	TXD 35	Maharashtra State Horticulture & Medicinal Plant Board, Pune	Director [Project Manager (PC & FP)]
52	TXD 35	Mahatma Phule Krishi Vidyapeeth, Rahuri Dist: Ahmednagar (Maharashtra)	Dr S D Gorantiwar (Dr M S Mane)
53	TXD 35	National Bank for Agriculture and Rural Development, Mumbai	Smt Vinita singh Shri Sandeep sharma (alternate)
54	TXD 35	National Jute Board, Kolkata	Shri M Dutta (alternate)
55	TXD 35	National Research Centre for Grapes, Pune	Dr. D. S. Yadav
56	TXD 35	Precision Farming Development Centre, Solan	Dr. Ranjit Singh Spehia
57	TXD 35	Shubham Sales, Valsad	Shri Sanjay Lohiya
58	TXD 35	The Bombay Textiles Research Association, Mumbai	Shri Prasanta Kumar Panda (Shri G R Mahajan)
59	TXD 36	Office of the Textile Commissioner, Mumbai	Shri Sivakumar S. (Shri Narottam Kumar)
60	TXD 36	The Bombay Textile Research Association, Mumbai	Mrs Aruna Apte
61	TXD 36	Govt. Medical College & ESI Hospital, Coimbatore	Dr. N. Tamilselven (Dr. K. Kulendaivelu)
62	TXD 36	Kovai Medical Center and Hospital, (KMCH), Coimbatore	Dr J. Jayalakshmi
63	TXD 40	Central Coir Research Institute, Kochi	Dr Anita Jacob (Smt Sumi Sebastian)

64	TXD 40	Grasim Industries Limited, Nagda	Dr Rohitasva Kumar
65	TXD 40	Saertex India Private Limited, Pune	Ms Deepa S.
66	TXD 40	Tata Advanced Materials Limited, Bengaluru	Shri Ravindra Singh
67	TXD 40	Veermata Jijabai Technological Institute, Mumbai	Shri S.P. Borkar

ANNEX 8*(Item 5.5)***MEMBERS TERMINATED BUT REQUESTED FOR CONTINUATION IN TECHNICAL COMMITTEES**

Sl. No.	Technical Committee	Organization	Members
1	TXD 07	Wool Research Association, Thane	Dr. Mrinal Choudhary
2	TXD 09	Azuka Synthetics LLP	Shri Sushant Gupta (Shri Devraj Thakur)
3	TXD 14	Confederation of Indian Textile Industry, New Delhi	Smt Chandrima Chatterjee (Shri Anmol Gupta)
4	TXD 31	Office of Textile Commissioner, New Delhi	Shri Sourabh Kulkarni (Shri Pranav Parashar)
5	TXD 31	Cotton Association of India, Mumbai	Atul S. Ganatra (Shri Vinay N. Kotak)
6	TXD 31	Textiles Committee, Mumbai	Shri J D Barman (Shri P N S Sivakumar)
7	TXD 31	AYM Syntex, Silvassa	Shri Arnab Samantha
8	TXD 34	Punjab Engineering College, Chandigarh	Dr. Pradeep Kumar Gupta
9	TXD 34	E.I. DuPont India Private Limited, Gurugram	Shri Atanu Acharya
10	TXD 34	Office of Textile Commissioner, Mumbai	Shri Narottam Kumar
11	TXD 35	Plastindia Foundation, Mumbai	Shri Surender Choudhary (Dr E Sundaresan)
12	TXD 35	ICAR - Central Institute for Research on Cotton Technology, Mumbai	Dr N Vigneshwaran (Dr P K Mandhyan)
13	TXD 35	Parry Enterprises India Limited, Bharuch	Shri Noble Deivanayagam (Shri Nikhil Jain)
14	TXD 36	Kovai Medical Center and Hospital, (KMCH), Coimbatore	Dr J. Jayalakshmi
15	TXD 36	Office of Textile Commissioner, Mumbai	Shri Sivakumar S. (Shri Narottam Kumar)
16	TXD 40	Ahmedabad Textile Industries Research Association, Ahmedabad	Shri Bhushan Choudhary (Shri Hitesh Solanki)

ANNEX 9

(Item 5.6)

TITLE, SCOPE, CHAIRPERSON AND COMPOSITION RECOMMENDED BY THE PANEL FOR THE NEW TECHNICAL ON 'SMART TEXTILE'

Technical Committee: Smart Textiles Sectional Committee, TXD 41

Scope:

To formulate Indian standards on terminology, test methods, specifications, and codes of practice for the application, performance evaluation, safety and sustainability of smart textiles.

Liaison: To liaise with the work of LITD 33, Wearable electronic devices and technologies sectional committee.

Composition:

- 1) Dr. Manjeet Jassal (Retiring shortly)/Dr. Bhanu Nandan, Indian Institute of Technology, New Delhi
(**Chairperson**)
- 2) BTRA, Mumbai (Smt. Smita Deogaonkar)
- 3) Dr. A. N. Desai, SITRA Council
- 4) Dr Anup Rakshit, ITTA, Mumbai
- 5) PSG Tech, Coimbtore
- 6) Welspun India Ltd., Mumbai
- 7) IIT, Ropar – Prof. Sarang Gumfekar
- 8) Mr. Rajiv Sajdeh, Indo German Yarn and Fibre LLP
- 9) AiQ Smart Clothing Inc.
- 10) MesoMat (Conductive textile startup)
- 11) Nyoka Technologies (Soft Electronic Circuits) – Indian startup
- 12) Clim8 (Intelligent Thermal Textile)
- 13) Wool Research Association, Thane
- 14) Arvind Ltd., Gujarat
- 15) Textiles Committee, Mumbai
- 16) E-Tex Healthcare Pvt. Ltd.
- 17) Troop Comforts Limited (TCL) (a Government of India enterprise, to develop Smart Protective Clothing for the Indian security forces)
- 18) IIFT, Bangalore
- 19) DRDO/DRDE/CRPF, DEBEL, BSF

Other suggested members:

- 20) Dr. Nandan Kumar, High Performance Textiles Pvt. Ltd.
- 21) Mr. Amit Jain, Shingora Textiles (P) Ltd.
- 22) Mr. Pranaya Sabat, TexPort Syndicate Ltd.
- 23) Mr. Kapil Baheti, Shubh Swasan India Pvt. Ltd.

- 24) Navin Gupta, Star Safety Hub, Faridabad
 25) Technosolutions
 26) Avient Corporation, Pune

ANNEX 10 a)

(Item 6.1)

TRANSFER OF INDIAN STANDARDS FROM OTHER TECHNICAL DIVISIONS

Sl No.	IS No./Doc. No.	Title	Reasons for Transfer
1.	-	NIL	-

ANNEX 10 b)

(Item 6.1)

TRANSFER OF INDIAN STANDARDS TO OTHER TECHNICAL DIVISIONS

Sl. no.	IS no.	Title	Reasons for Transfer
	-	NIL	-

ANNEX 10 c)

(Item 6.1)

TRANSFER OF INDIAN STANDARDS/SUBJECTS WITHIN TXDC

Sl. no.	IS no.	Title	Tansfer from/to	Reasons for Transfer
1	IS 9481 : 1980	Specification for pillows, air	TXD 33 to TXD 20	Recommended by the sectional committee, the product fall under the domain of TXD 20
2	IS 9491 : 1980	Specification for mattress, air	-do-	-do-

ANNEX 11

(Item 6.2)

WITHDRAWAL OF INDIAN STANDARDS

Sl. no.	IS no.	Title	Reasons for Withdrawal
1	IS 5874 : 1970	Specification for grading of viscose rayon cut staple fibres (regular)	To avoid duplication of standards and confusion among the stakeholders regarding IS 17266:2019 and IS 5874:1970.
2	IS 10466 : 1983	Guide for care and maintenance of carpets	Similar ISO Standard is to be adopted by the Technical Committee.
3	IS 12174 : 1987	Textiles — Jute synthetic union bags for packing cement — Specification (first revision of IS 12174)	The product is neither being manufactured in jute industry nor being used by user, the standard shall be withdrawn. It was also decided to withdraw Doc TXD 03 (21284).
4	IS 13649 : 1993	Textiles — Polyethylene lined jute bags for packing tea — specification	The product is neither being manufactured in jute industry nor being used by user, the standard shall be withdrawn.
5	IS 2874 : 1993	Textiles – Heavy cee jute bags – Specification (first revision)	The product is neither being manufactured in jute industry nor being used by user, the standard shall be withdrawn.
6	IS 3751 : 1993	Textiles – Heavy cee jute cloth – Specification (first revision)	The product is neither being manufactured in jute industry nor being used by user, the standard shall be withdrawn.
7	IS 7406 (Part 1) : 1984	Specification for jute bags for packing fertilizers – Part 1 Laminated bags manufactured from 407 g/m ² ; 85 x 39 tarpaulin fabric (first revision)	The product is neither being manufactured in jute industry nor being used by user, the standard shall be withdrawn.
8	IS 981 : 1988	Method for determination of colour fastness of textile materials to acid milling (first revision)	Similar standard exist ISO 105-E14:1994

			Textiles — Tests for colour fastness — Part E14: Colour fastness to acid-felting: Mild
9	IS 4637 : 1988	Method for determination of colour fastness of textile materials to steam under pressure first revision Based on ISO 105 P02 : 1978	Similar standard exist IS 15433: 2003, Textiles — Method for Determination of Colour Fastness to Pleating — Steam Pleating Which is technical equivalent to ISO 105 P02 : 2002
10	IS 13036 : 1991	Textiles — Apparatus for testing colour fastness of textile materials to washing, laundering and dry-cleaning — Specification	Apparatus has been given in the respective test method of colorfastness like IS/ISO 105-C06 : 2010, IS/ISO 105-C08 : 2010, IS/ISO 105-D01 : 2010 etc..
11	IS 13042 : 1991	Textiles — Determination of colour fastness to perspiration — Apparatus	Apparatus has been given in the respective test method of IS/ISO 105-E04 : 2013, Textiles—Tests for Colour Fastness Part E04 Colour Fastness to Perspiration (<i>First Revision</i>)
12	IS 13563 : 1992 ISO 7506 : 1984	Textile Machinery and Accessories — Numbering of Harnesses for Drawing-In on Jacquard Machines	Due to withdrawal of ISO standards on the subject and not fit to the current industrial practices.
13	IS 7951 : 2003 ISO 8116-7 : 1995	Textile machinery and Accessories — Beams for Winding — Beams for Dyeing Slivers, Rovings and Yarns (<i>second revision</i>)	Due to withdrawal of ISO standards on the subject and not fit to the current industrial practices.
14	IS/ISO 366-1 : 1988 ISO 366-1 : 2008	Textile machinery and accessories — Reeds Part 1 Pitch bound reeds — Dimensions	Due to withdrawal of ISO standards on the subject and not fit to the current industrial practices.
15	IS 1097 : 1979	Specification For Handloom Cotton Mosquito Netting (First Revision)	The product is neither being manufactured nor being used.

ANNEX 12
(Item 7.1)

**GUIDELINES FOR RESEARCH & DEVELOPMENT PROJECTS
FOR FORMULATION AND REVIEW OF STANDARDS**
(First Revision)

1 INTRODUCTION

Bureau of Indian Standards (BIS), as the National Standards Body of India is responsible for formulating Indian Standards for products, processes and services. In the pursuit of this endeavour, it has so far developed more than 22000 Indian Standards. Action Research and Research & Development Projects have always been part of the standardization process. However, there has been a growing realisation in the context of the increasing diversification, innovation and complexities in the manufacturing sector and evolution of services and also due to the fast pace of changes in the manufacturing and services landscapes, research & development projects have to be made an integral part of the standardization process. The idea is that in principle no standard should be developed without intensive and insightful research work, which is not confined only to the review of the existing literature and focus group discussions on the subject chosen for standardization, but also covers the detailed field level study of the existing processes and practices in product manufacturing and service delivery. This requires a large network of domain area experts to carry out the research & development work. The existing network encompasses only a small segment of experts, who are either associated with technical committees as members or belong to some R&D organizations. The Memorandum of Understanding with the premier educational institutions imparting technical and professional education opens the window to the opportunities to expand this network substantially by utilizing the intellectual capital that resides with the faculty and the research scholars in these institutions. This association is conceived not only as a way to promote research & development work necessary for standards formulation but also to enrich the research ecosystem in these educational institutions.

2 OBJECTIVES

Objectives of this Scheme are to:

2.1 support and commission research & development projects to generate knowledge, empirical data and insights that would help in formulating new standards and updating & upgrading the existing Indian standards;

2.2 expand the network of domain area experts to carryout research & development projects in the areas related to standardization and conformity assessment; and

2.3 enrich the research ecosystem in the educational institutions imparting technical and professional education.

3 RESEARCH & DEVELOPMENT PROJECTS

3.1 Research & development projects under these guidelines are described as follows:

A project aimed at comprehensive, in depth and incisive study of a product, process or service or all taken together in respect of a subject under standardization, encompassing literature review, analysis of the data from secondary sources, collection and analysis of data from primary sources and stakeholder consultations.

3.2 The duration of a project shall not exceed six months counted from the date of release of the first instalment of the funds to acceptance of the final report by the Sectional Committee concerned, provided that the Sectional Committee must not take more than one month to give its decision on the final report. Further provided that the time taken by the Sectional Committee for giving its decision shall not be counted. The Sectional Committee may extend the duration but for not more than 2 months in special circumstances, the reasons for which shall be recorded in the minutes of meeting of the Sectional Committee.

3.3 The upper limit for expenditure for a project shall be Rs 10 lakhs (including taxes) only.

3.4 BIS will publish a list of research & development projects along with Terms of Reference (ToR) on Standardization portal or any other suitable digital platform.

3.5 If any organization or an expert on behalf of an institute wants to propose a research & development project on any new and emerging area in which they have expertise, they can do so through the same platform for the consideration of the Sectional Committee.

4 TERMS OF REFERENCE (ToR)

4.1 The ToR of Research& development project shall be prepared by the Sectional Committee concerned, and shall contain:

- a) Title, background and objectives of the study;
- b) Expected research methodology (brief information, for example, survey, testing, industry visits, etc.);
- c) Scope of study;
- d) Outline of the tasks and final deliverables expected from the Proposers;
- e) Methods of review, schedule for submitting the 1st draft report and project completion report;
- f) Any support or inputs to be provided to the Proposer; and
- g) Maximum duration of project and timelines for submission of proposal.

4.2 While preparing the Terms of Reference (ToR) the sectional committee may consider the following points as a research & development project may include one or mix of the following:

- a) Secondary research based on internet or published information including authentic data sources;
- b) Survey based research (including industry visits) to ascertain prevailing market conditions and practices, standards in use, industry and consumer preferences, availability of infrastructure, technical capabilities, comparative trends, economic trends;
- c) Ascertaining compliance to existing and proposed standards through testing, review of past test reports, other validation and verification checks; and
- d) Basic and innovative research to establish normative criteria. Criteria may include performance, health, safety, environmental impact.

5 APPROVAL OF COMMISSIONING OF THE RESEARCH AND DEVELOPMENT PROJECTS

5.1 There shall be a Review Committee for approving the projects recommended by the Sectional Committee. The composition of Review Committee shall be as follows:

DDG (SCMD)	: Chairperson
DDG (Standardization) concerned	: Member
DDG (Certification)	: Member
DDG (Labs)	: Member
Officer in-charge for research works in SCMD	: Member Secretary

5.2 The Head of Technical Department concerned and Member Secretary of the Sectional Committee shall apprise the review committee about the project and explain the rationale behind the proposed research & development project.

6 ELIGIBILITY CRITERIA

6.1 The following shall be eligible for carrying out research & development projects under the Scheme:

- a) Academic institutions & universities having MoU with BIS and faculties and research scholars thereof;
- b) Member(s) of Technical Committees of BIS.
- c) Government research laboratories of repute like CSIR, DRDO, ICAR etc.

6.2 Faculties and research scholars shall submit proposals through their institute. Members of technical committees belonging to any association/organization shall submit the proposals through their association/organization. Members of technical committees in personal capacity can submit their proposals directly to BIS, however if carrying out a research & development project requires collaboration with any institution/organization, concurrence of the same shall also be submitted.

7 PROCEDURE FOR APPLICATION

7.1 Submission of Proposal

7.1.1 Applications for undertaking research & development projects shall be submitted in the manner prescribed by the Bureau and within the prescribed timelines,

7.1.2 Proposer(s) shall submit their proposal in a “single stage - two envelope bid system” consisting of separately sealed “Technical and Financial proposals”. The Technical Proposal shall be submitted as per format prescribed in Annex A and the Financial Proposal shall be submitted in the format prescribed as per Annex B, clearly specifying expected expenditure against each element such as manpower, equipment (shall not include standalone desktops/laptops/printers etc), travelling, testing, consumables, stationery, overheads, etc.

7.2 The proposals shall inter-alia consist of the following:

7.2.1 In respect of the research & development projects put up by the Bureau:

- a) Details of the Project team along with the organization/institution associated with;
- b) The CV of the Project leader and expert/expert(s) to be associated with the project and a letter from organization authorizing Project Leader and expert/expert(s) to undertake the research as proposed.
- c) A write up on the understanding of the scope and objectives of the project.
- d) Methodology (sampling size, if applicable) to be adopted for the proposed study with a clear road map and time plan for completion of the project;
- e) Stage wise timelines for completion of the project.

7.2.2 In respect of research & development projects proposed by any expert/organization:

- a) Details of the Project team along with the organization/institution associated with;
- b) The CV of the Project leader and expert/expert(s) to be associated with the projects and a letter from organization authorizing Project Leader and expert/expert(s) to undertake the study as proposed.
- c) Objective that will be achieved and scope of the project clearly highlighting the need of such study and what would be the final deliverable;
- d) Methodology (sampling size if applicable) to be adopted for the proposed study with a clear road map and time plan for completion of the project;
- e) Details of infrastructure facilities available for the project, in the institution and additional facilities required (if any) for carrying out research.
- f) Stage wise timelines for the completion of the project

7.3 The Head of the concerned institution while forwarding the application and nominating the project leader shall certify that:

- a) the core facilities (land, buildings, laboratory, manpower and other infrastructure etc.) are available and will be provided to the Project Leader to work on the proposed project,
- b) the organization will discharge all its obligations, particularly in respect of management of the financial assistance given, and
- c) no other funding is being received/sought for the project proposed to be sanctioned by BIS.

8 PROCEDURE FOR APPROVAL WITHIN BIS

8.1 There shall be a Research Evaluation Committee (REC) to evaluate the proposals received, the composition of which shall be as follows:

- DDG (PRT) : Chairperson
- Head (CMD) concerned : Member
- Head (LPPD) : Member
- Head of the Technical Department concerned : Member
- Director Finance : Member
- Two Experts from the Sectional Committee concerned : Members
- Head (SCMD) : Member Secretary

*The experts shall be nominated by the Sectional Committee and the nominated members shall give a declaration to the effect that there is no conflict of interest with respect to the project.

8.2 The evaluation and selection will be as per Quality and Cost Based Selection (QCBS) method (Rule 192, GFR 2017) which is explained in Annex C.

8.3 The criteria for evaluation of technical proposal shall be as under:

SI No.	Criteria	Max. Marks	Score by REC
1	Profile of key individual/individuals to be associated with the research project	10	
2	Experience of the individual/organisation in conducting research projects in the relevant discipline	20	
3	Understanding of Scope, Objectives and deliverables	15	
4	Methodology	30	
5	Work plan/Execution strategy	15	
6	Chapterisation, contents and lay out of the proposed report	10	

	Total	100	
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Note: REC may call for a presentation by the proposers if deemed necessary.

8.4 The minimum qualifying marks shall be 70. All the proposals with marks below 70 shall be considered rejected.

8.5 REC may refer back, advise changes for reconsideration or reject any proposal.

8.6 REC shall open the financial proposals (bids) within 7 days from completion of technical evaluation.

8.7 A final score sheet of all the proposers shall be made as detailed in Annex C and the proposer getting the highest combined score shall be selected for awarding the project.

8.8 The member secretary (REC) shall send the selected proposals to DG/DDG Standardization concerned, as per their delegated powers, for consideration and approval for sanction of the project.

8.9 After the approval of project, the member secretary (REC) shall inform the concerned technical department and the proposer regarding the decision.

9 AWARD OF PROJECT

9.1 After the approval of project, the member secretary (REC) shall inform the concerned technical department and the proposer regarding the decision along with the format of the Consent Letter (Annex D) to be signed by the proposer.

9.2 After receipt of duly signed consent letter from the proposer, the first instalment of the total approved project cost shall be released. The project would be considered to have commenced from the date the first instalment is released.

9.3 In case the proposer to whom the project is awarded declines to take up the project, the Research project shall be awarded to the proposer getting the next highest combined score among the qualified proposers.

10 FUNDING

10.1 The mode of payment for Research & development projects shall be as follows:

a) First instalment of 30 percent of the total approved project cost would be released after approval of the project.

b) Second instalment to the extent of 50 percent of the approved estimated cost would be released on the submission of progress report along with the report on utilization of the 75 percent of the fund and acceptance of the same by the Sectional Committee.

c) The balance amount shall be released after submission of the final project report along with utilization certificate for the fund released and its acceptance by the Sectional Committee.

10.2 Release of each instalment is subject to satisfactory progress, required stage - wise deliverables and submission of the Utilization Certificate (UC) as per Form GFR12-A of GFR 2017 along with the statement of expenditure (SoE) issued by the Competent Authority.

11 PROGRESS REPORT AND MONITORING OF PROJECT

11.1 The relevant Sectional Committees of BIS will monitor the progress of project to ensure that the project is progressing as per the planned arrangement. However, member secretary of the concerned Sectional Committee under overall coordination of HoD would be the controlling/link officer for Research & Development projects and would constantly monitor the progress of the project every 30-45 days. Any delay in implementation of project should be duly justified by the Project leader and shall be put up to the sectional committee for approval.

11.2 The Sectional Committee shall review and give its acceptance of the progress reports submitted, within 3 weeks.

12 SUBMISSION OF FINAL PROJECT REPORT (FPR)

12.1 The FPR must be detailed and should include information about:

- a) the original objective(s) of the project,
- b) how far these objective(s) have been achieved, and
- c) how the results will benefit the development of the national standard(s) and
- d) a copy of final working draft of the concerned standard(s) (wherever applicable)
- e) include clear inferences, recommendations regarding their use in the proposed standards,
- f) all references used, raw data of surveys, sampling, testing and experiments,
- g) undertaking that all the information presented is authentic.

12.2 FPR received in BIS would be put up to the concerned Sectional Committee, which will take necessary action for preparation/revision of standard appropriately. The Project leader shall assist in the disposal of comments received on the research project, draft standard and for the preparation of the finalized draft, as may be desired by the Sectional Committee.

12.3 The proposer shall submit the Project Completion Report (PCR), within one month of completion of project along with the Utilization Certificate of the fund released as per Form GFR 12-A of GFR 2017 and the statement of expenditure (issued by the Competent Authority -in case of Govt. organization / Chartered Accountant in case of private organization).

13 RESULTS OF RESEARCH & DEVELOPMENT

13.1 Project Leader(s) would be encouraged to publish the results of research & development. While doing so, acknowledgement to the effect that financial assistance was received from BIS should be made in the research paper(s) published. BIS should be acknowledged in similar type of other published work/press reports.

13.2 One re-print of each research paper(s) published as a result of the work done under the BIS funds shall be sent to BIS as and when published.

14 INTELLECTUAL PROPERTY RIGHTS

14.1 Ownership of any intellectual property, including but not limited to confidential information, know-how, patents, copyrights, design rights, rights relating to computer software, and any other industrial or intellectual property rights, developed solely by Proposer shall be vested with that Party.

14.2 Ownership of any intellectual property, including but not limited to confidential information, know-how, patents, copyrights, design rights, rights relating to computer software, and any other industrial or intellectual property rights, developed solely by the Bureau shall be vested with that Party.

14.3 The Intellectual Property arising out as an outcome of research project undertaken under these guidelines shall be vested with Bureau.

14.4 The proposer shall indemnify BIS from any legal and/or financial encumbrance arising out of any infringement of IPR/licensing of IPR/technology transfer/commercialization.

15 OPERATION OF FUNDS

15.1 The utilization certificate of the funds received in previous instalment (if any) to BIS should be annexed with the Statement of all equipment, books, etc purchased out of the funds certified by the Head of the organization. The name, description of the equipment, cost in rupees, date of purchase, and the name of the supplier to be given in the list. The main purpose/function of the equipment may also be mentioned against each item.

15.2 Any unspent balance lying with the organization should be refunded to BIS after the finalization of the draft immediately, by means of demand draft or online transfer.

15.3 The Head of the concerned standardization department of BIS shall ensure that the project leader submits the utilization certificate in the manner prescribed in Form GFR 12-A of GFR 2017.

15.4 Head of the Standardization department shall also ensure that the operation of funds is monitored strictly as specified in Annex E. Further the Project Leader is also fully aware and shall adhere to the obligations of his/her as given in this procedure.

16 OTHER REQUIREMENTS

16.1 Organizations receiving financial assistance for research & development projects from BIS would have to maintain separate accounts for each research project.

16.2 In the event of a Project Leader's absence from his normal place of duty for two months at a stretch, the Head of the organization would need to immediately nominate an Alternate Project Leader(s) to supervise the implementation of the project and such a name has to be approved in advance by BIS. In any event, a Project Leader shall give prior notice to BIS of his intention to stay away from the project.

16.3 Items of equipment, etc should be purchased on the basis of the established rules and procedures of the entity/organization.

16.4 Stock register of all equipment, books, etc purchased out of the funds shall be maintained.

16.5 Any capital-intensive equipment/devices purchased using financial assistance from BIS for research & development projects shall be allowed to be retained by the proposer for their research activity etc.

16.6 The organization shall have to ensure that expenditure with respect to TA/DA are made only as per their own norms but under no circumstances the executive/business class air travel or stay in a five-star hotel is made. The overhead expenses should not be more than 20 percent of the cost of the project.

16.7 The Project Leader must ensure that the concerned organization's newsletter would carry information on the activities and accomplishments of the various projects funded by the BIS.

17 TERMINATION OF PROJECT

The research & development project can be terminated in case of any of the following:

- a) the approval of research & development project may be treated as withdrawn, if the sanctioned research & development project does not commence within one month from the date of receipt of the sanction letter, unless otherwise authorized by BIS;
- b) A Proposer may request for the withdrawal of a research & development project even after commencement of the project. In such case the entire fund given till that date shall be refunded to the Bureau; and
- c) if the Proposer fails to submit Progress report/Final Project report within the prescribed timelines.

The REC shall take decision on all cases of termination.

18 RESOLUTION OF DISPUTES

Dispute Resolution: In case of any dispute that cannot be resolved amicably, it shall be referred to Sole Arbitrator appointed by the Director General of the Bureau of Indian standards, whose decision shall be final and binding upon both the parties. The provisions of the Arbitration and Conciliation Act, 1996, as amended from time to time, shall be applicable.

ANNEX A

TECHNICAL PROPOSAL

1. Name of the Proposer and Organization	
2. Project title	

3. Project leader

a) Title: Prof/Dr/Mr/Ms	Sex
b) Name:	M/F
c) Full official address	
Mobile/Telephone Fax E-mail	
d) Designation	
e) Date of Birth	

f) Academic qualifications along with year of completion	
g) Experience	

4. Other members of the research team (give name, address, experience and academic qualifications for each member)

1. Name	Designation: Address: Experience: Academic Qualifications:
1. Name	Designation: Address: Experience: Academic Qualifications:

5. Research support availed/being availed/applied for by the Project leader from different sources, including BIS, during the last 5 years:

Funding agency	Title of the project and reference number	Duration (from mm/yyyy to mm/yyyy)	Percentage of time devoted/ being devoted / to be devoted, in man months	Amount in lakh Rs.

6. Details of facilities available with the institute/organization w.r.t. the research & development project

Facilities	Relevance to project
1.	

7. Aims and significance of the project

(Include the current status of work in area, both in India and abroad, with appropriate reference list at the end; identify lacunae, define question to be investigated; list briefly specific objectives of investigation. ethical clearance be enclosed where necessary).

8. The CV of the Project leader and expert/expert(s) to be associated with the projects and a letter from organization authorizing Project leader and expert/expert(s) to undertake the study as proposed.

9. Objective that will be achieved and scope of the project clearly highlighting the need of such study and what would be the final deliverable.

10. Methodology (sampling size if applicable) to be adopted for the proposed study.

11. Road map (Stage wise timelines for the completion of the project) and time table for completion of the project
12. Plan of work, methods and techniques to be used.
13. List of awards and honours conferred on the Project leader with dates.
14. Deliverables
15. Declaration and attestation:

I certify that all the details declared here are correct and complete.	Date:
Signature of Project leader	

12. Certificate of the institution:

<p>This is to certify that</p> <p>a) we have read the terms and conditions of the BIS Research & Development Guidelines necessary for the compliance of the same.</p> <p>b) the necessary institutional facilities are available and will be provided for the implementation of this research proposal being submitted to the BIS for funding.</p> <p>c) Full account of expenditure will be rendered by the institution.</p>
<p>Name of the head: of the institution Signature with date: Seal:</p>

ANNEX B
FINANCIAL PROPOSAL FORMAT
[To be submitted on letterhead wherever applicable]

To:
Bureau of Indian Standards
Manak Bhavan, 9 Bahadur Shah Zafar Marg
New Delhi – 110002, India

Sub: Financial Proposal for Research & development Project on (Title: _____) for Bureau of Indian Standards (Research guidelines document no. _____ dated: ____-____-____).

Dear Sir,

We are pleased to submit our Financial Proposal for Research & Development Project on (Title: _____) for Bureau of Indian Standards as per the terms and conditions of the Research & Development guidelines document (Ref No.: _____ dated: ____ - ____ - ____).

1. We hereby declare that our financial proposal is unconditional in all respects.
2. Our financial proposal is as follows:

3. Cost of the Project:

Sl no.	Budget items	Amount
1	Manpower cost	
2	Consumables [Chemicals, samples, testing glassware, stationery, books etc, information search (from databases)]	
3	Equipment	
4	Travel	
5	Any other/ Overhead expenses	
	Total project cost	

*Please write NA in case any item is not applicable

- a) The prices should be quoted in Indian Rupees above by the proposer.
- b) The quoted price should be inclusive of all applicable taxes and charges.
- c) Fund shall be released after deducting TDS as per applicable provisions of GST and income tax.
- d) Justification of cost (for each item of equipment, consumables and travel. Quotation(s) for equipment should also be enclosed).

Yours faithfully,

Date: (Signature of the Project leader)

Place: (Name and Designation of the proposer)

Name and Signature of the head of the institution

(Rubber seal of the proposer/institution/organization, as applicable)

ANNEX C

Stage 1: Evaluation of Technical Proposal:

- a) The proposal will be evaluated against the criteria defined at clause 8.3 in these Guidelines. The proposer may be required to provide additional details as deemed necessary by the REC.
- b) Upon technical evaluation of each proposal, “Technical marks” out of 100 marks will be assigned to every proposal.
- c) The proposals with score 70 or more marks in technical evaluation, will qualify for the evaluation of the financial proposal.
- d) The proposer with the highest marks in technical proposal will be awarded 100 “Technical Score” and subsequently other proposers will also be awarded “Technical Score” relative to the highest technical marks

for the final composite score calculation purpose e.g., if the highest technical marks is 90 then “Technical Score” is $(90/90) \times 100 = 100$, hence the proposer with highest technical marks will score 100 “Technical Score”. Similarly, another proposer who scored 80 marks, will get $(80/90) \times 100 = 88.88$ “Technical Score”. Following formula will be used for the “Technical Score” (TS) calculation:

$$\text{Technical Score (TS)} = \left\{ \frac{\text{Proposer's Technical Marks}}{\text{Highest Technical Marks}} \right\} \times 100$$

Stage-2 Evaluation of Financial Proposal

- a) The evaluation will be carried out if financial proposals are complete and computationally correct.
- b) Upon financial evaluation of each proposal, the lowest financial proposal will be awarded 100 “Financial score”. The “Financial Score” of other proposer(s) will be computed by measuring the financial proposal against the lowest financial proposal. Following formula will be used for calculating “Financial Score”:

$$\text{Financial Score (FS)} = \left\{ \frac{\text{Lowest Financial proposal}}{\text{Proposer's Financial Proposal}} \right\} \times 100$$

Stage-3 Computation of Combined Score

The “Combines Score” is a weighted average of the Technical and Financial Scores. The ratio of Technical and Financial Scores is 70:30 respectively. The Combined Score will be derived using the following formula:

$$\text{Combined Score} = [(\text{TS} \times 0.70) + (\text{FS} \times 0.30)]$$

The responsive proposers(s) will be ranked in descending order according to the Combined Score, which is calculated based on the above formula. The highest-ranking proposer as per the Combined Score will be selected for award of Research Project.

ANNEX D

CONSENT LETTER

This has reference to award of the following R&D Project in favour of the undersigned.

Project Code	Project Title	Proposer	Financial Proposal (in lakh Rs)

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I/We hereby give consent to the execution of the above project, which shall be governed by the following:

- i) Terms of Reference (ToR) of the project mentioned above;
- ii) Guidelines for R&D Projects (SCMD/R&D Guidelines/20240522);
- iii) Proposal submitted by us.

I/we understand that the first instalment (30 percent of the approved financial proposal) shall be released after submission of this consent by us. The amount may please be transferred to the following account:

- a) Name of the Account Holder
- b) Account No.
- c) IFS Code
- d) Name & branch of the Bank.

Thanking you,

To be signed by
(Proposer/Project Leader)

Name and Signature of the head of the institution
(Rubber seal of the proposer/institution/organization, as applicable)

ANNEX E

OPERATION OF FUNDS AND PROGRESS REPORT

1. Title of the project:	Project number:
2. Name & Address of Project Leader:	Date of Commencement: Dd/mm/yyyy

3. Details of Equipment Purchased (if any):

Name of equipment	Cost	Supplier	Date of purchase/ placing order for each item of equipment

NOTE - The equipment fund once fixed cannot be enhanced. Project leaders are advised to give authenticated estimates of the cost of equipment. Equipment should invariably be purchased within 1 month from the date of receipt of the fund and/or sanction letter.

4. Fund received_____.

5. Expenditure made in Rupees: (Please provide the details)

Expenditure	Amount	Taxes (as applicable)	Total
Manpower cost			
Consumables			
Equipment			
Travel			
Others			
Grand Total			

6. Amount saved (if any) from the last instalment: Rs_____.

7. Date on which scheme will complete its normal tenure of months _____.

8. Whether extension beyond normal tenure has been requested. Yes /No.

If yes, justification for extension and programme of work to be completed. Also mention as to why the work could not be completed as per the original plan.

{Extension beyond normal tenure should be requested at the Project Monitoring Session before end of tenure (as given in ToR)}.

9. Constraints (if any) faced in the progress of work and suggestions to overcome them.

10. Any deviation from original plan with its nature and cause.

11. List of publication giving full bibliographic details accrued from this project (copies of the paper (s) should be enclosed).

12. Summary of work done (200 words).

13. Proposed programme of work for the next month (1000 words).

14. Detailed Progress Report enlisting the objectives in beginning briefly (up to five pages maximum).

Signature of Project leader

Date:

Note: No column should be left blank; write not applicable (NA), wherever applicable.

ANNEX 13*(Item 7.1)***STATUS OF R&D PROJECTS UNDER TXDC**

Sl. No.	Project Code	Title of the Project	Technical Committee	Status
1	TXD 0174	Study of construction and performance requirements of 1 kg, 2 kg and 5 kg leno woven sacks.	TXD23	R&D project has been awarded to Dr. Anil Kumar Lalchand Yadav, NIT Jalandhar
2	TXD 0172	To study the packaging practices of jute and jute products for internal and exports trades.	TXD03	R&D project has been awarded to Ms. Soumita Chowdhury, IJIRA, Kolkata
3	TXD 0171	Study of constructional and performance requirement of synthetic tarpaulins (heavy duty protective covers) made from nylon or polyester coated fabrics.	TXD33	R&D project has been awarded to Dr. Manisha Mathur, SASMIRA, Mumbai
4	TXD 0170	Study of safety and performance requirements of fire hoods for firefighter.	TXD32	R&D project has been awarded to Dr. Shweta Saxena, NITRA, Ghaziabad
5	TXD 0169	Study construction, performance and safety requirements of prevailing varieties of Woven Ground Covers for Horticulture Application.	TXD35	R&D project has been awarded to Smt. Ashwini A. Sudam SASMIRA, Mumbai
6	TXD 0125	Development and validation of test method for determination of index ingredient from plant-based indigo and textiles dyed with plant-based indigo by using Carbon-14 (C-14) analysis.	TXD07	R&D project has been awarded to Dr. Sujata Saxena, ICAR-CIRCOT, Mumbai
7	TXD 0083	Study of constructional and performance requirements for handmade wool blended carpet used in floor covering applications and packaging practices of carpets.	TXD04	R&D project has been awarded to Dr. Betty Das Gupta, ICT, Bhadohi

8	TXD 0065	Development and validation of test method for determination of Chlorinated Organic Carriers in textiles and textile products.	TXD05	R&D project has been awarded to Smt. M. P. Sathianarayana, The Bombay Textile Research Association, Mumbai
9	TXD 0037	Study of quality, performance and constructional parameters of 'Headliners for Automobiles'.	TXD38	R&D project has been awarded to Dr. Neha Kapil NITRA, Ghaziabad
10	TXD 0031	A comprehensive study of the constructional and performance requirements of scaffolding nets used in construction activities for high rise buildings/structures.	TXD34	R&D project has been awarded to Dr. Palaniswamy N. K., NIT Jalandhar
11	TXD 0066	Development and validation of test method for determination of Polycyclic Aromatic Hydrocarbons (PAHs) in textiles and textile product.	TXD05	Received proposal did not qualify after scrutiny by Research Evaluation Committee. To be re-floated on BIS portal.
12	TXD 0175	Study for determining the cutoff grade and sampling plan for Mulberry Raw Silk.	TXD 28	Received proposal did not qualify after scrutiny by Research Evaluation Committee. To be re-floated on BIS portal.
13	TXD 0126	Development and validation of test method for determination of index ingredient of textiles dyed with tectona grandis, terminalia arjuna, canna indica, impatiens balsamina.	TXD 07	R&D project approved by screening committee. Proposals Received. To be scrutinized by REC.
14	TXD 0035	Study of safety, performance and constructional requirement for surgical sutures (absorbable and non-absorbable).	TXD 36	R&D project approved by screening committee. Proposals Received. To be scrutinized by REC.
15	TXD 0173	Study of fibre characteristics requirement for grading of uncut Indian Mesta and uncut Indian Bimli by hand and eye method; and instrumental method.	TXD 03	R&D project approved by screening committee. Proposals Received. To be scrutinized by REC.
16	To be allotted	Study of the constructional and performance requirements for jute geotextiles used in rainwater erosion	TXD 30	R&D project approved by screening committee. To

		control in road and railway embankment and hill slopes.		be floated on BIS portal for receipt of proposals.
17	To be allotted	Study of Constructional particulars and performance requirements for scoured cotton khadi Mazri.	TXD 08	R&D project approved by screening committee. To be floated on BIS portal for receipt of proposals.
18	To be allotted	Study on effect of constructional parameters on performance of cotton tapes for Aeronautical Applications.	TXD 13	R&D project approved by screening committee. To be floated on BIS portal for receipt of proposals.
19	To be allotted	Study to develop a standard test method for determination of lint and trash content of cotton.	TXD 01	R&D project approved by screening committee. To be floated on BIS portal for receipt of proposals.
20	To be allotted	Study of Constructional particulars and performance requirements for handloom cotton voile.	TXD 08	R&D project approved by screening committee. To be floated on BIS portal for receipt of proposals.
21	To be allotted	Study construction, performance and safety requirements of prevailing varieties of Elastic Narrow Tapes.	TXD 39	R&D project approved by screening committee. To be floated on BIS portal for receipt of proposals.
22	TXD 0055	Study the requirements of Baxter Flyer and Heart Cam for slip draft spinning frame for use in jute mill	TXD 14	R&D Project floated on BIS Portal. No proposal has been received till date.

ANNEX 14

(Item 8.1.2)

SECTIONAL COMMITTEE MEETINGS HELD (01-05-2023 to 25-05-2024)

- 1) 26th Meeting of Man-made Fibres, Cotton and their Products Sectional Committee, **TXD 31** on **15 May 2023** through video conferencing.
- 2) 24th Meeting of Cordage Sectional Committee, **TXD 09** on **23 May 2023** through video conferencing.
- 3) 17th Meeting of Textiles Protective Clothing Sectional Committee, **TXD 32** on **29 May 2023** through video conferencing.
- 4) 22nd Meeting of Technical Textiles for Medtech Application Sectional Committee, **TXD 36** on **09 June 2023** through video conferencing.
- 5) 27th Meeting of Man-made Fibres, Cotton and their Products Sectional Committee, **TXD 31** on **14 June 2023** through video conferencing.
- 6) 6th Meeting of High Performance Fibres, Fibrous Structure and Textile Components of composites Sectional Committee, **TXD 40** on **27 June 2023** through video conferencing.
- 7) 15th Meeting of Silk and Silk Products Sectional Committee, **TXD 28** on **27 June 2023** through video conferencing.
- 8) 31st Meeting of Chemical Methods of Tests, Sectional Committee **TXD 05** on **27 June 2023** through video conferencing.
- 9) 16th Meeting of Textile Materials for Aeronautical and Related Products Sectional Committee, **TXD 13** on **11 July 2023** through video conferencing.
- 10) 17th Meeting of Handloom and Khadi Sectional Committee, **TXD 08** on **17 July 2023** through video conferencing.
- 11) 18th Meeting of Industrial Fabrics Sectional Committee, **TXD 33** on **18 July 2023** through video conferencing.
- 12) 29th Meeting of Geosynthetics Sectional Committee, **TXD 30** on **20 July 2023** through video conferencing.
- 13) 23rd Meeting of Technical Textiles for Medtech Application Sectional Committee, **TXD 36** on **04 August 2023** through video conferencing.

- 14) 20th Meeting of Textile Machinery and Accessories Sectional Committee, **TXD 14** on **7 August 2023** through video conferencing.
- 15) 33rd Meeting of Textile Materials Made from Polyolefins Sectional Committee, **TXD 23** on **10 August 2023** through video conferencing.
- 16) 28th Meeting of Man-made Fibres, Cotton and their Products Sectional Committee, **TXD 31** on **17 August 2023** through video conferencing.
- 17) 7th Meeting of Technical Textiles for Mobiltech Applications Sectional Committee, **TXD 38** on **22 August 2023** through video conferencing.
- 18) 7th Meeting of Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids Sectional Committee, **TXD 39** on **24 August 2023** through video conferencing.
- 19) 9th Meeting of Technical Textiles for Buildtech Applications Sectional Committee, **TXD 34** on **28 August 2023** through video conferencing.
- 20) 39th Meeting of Jute & Jute Products Sectional Committee, **TXD 03** on **01 September 2023** through video conferencing.
- 21) 19th Meeting of Textile Materials for Marine/Fishing Purposes Sectional Committee, **TXD 18** on **6 September 2023** through video conferencing.
- 22) 16th Meeting of Coir and Coir Products Sectional Committee, **TXD 25** on **15 September 2023** through video conferencing.
- 23) 19th Meeting of Textile Speciality Chemicals and Dyestuffs Sectional Committee, **TXD 07** on **20 September 2023** through video conferencing.
- 24) 15th Meeting of Hosiery Sectional Committee, **TXD 10** on **22 September 2023** through video conferencing.
- 25) 25th Meeting of Cordage Sectional Committee, **TXD 09** on **22 September 2023** through video conferencing.
- 26) 32nd Meeting of Chemical Methods of Tests, Sectional Committee, **TXD 05** on **29 September 2023** through video conferencing.
- 27) 25th Meeting of Physical Methods of Test Sectional Committee, **TXD 01** on **04 October 2023** through video conferencing.
- 28) 29th Meeting of Man-made Fibres, Cotton and their Products Sectional Committee, **TXD 31** on **11 October 2023** through video conferencing.

- 29) 7th Meeting of Technical Textiles for Sportech Applications Sectional Committee, **TXD 37** on **27 October 2023** through video conferencing.
- 30) 26th Meeting of Wool, Wool Products and Textiles Floor Coverings Sectional Committee, **TXD 04** on **27 October 2023** through video conferencing.
- 31) 10th Meeting of Technical Textiles for Buildtech Applications Sectional Committee, **TXD 34** on **06 November 2023** through video conferencing.
- 32) 24th Meeting of Technical Textiles for Medtech Application Sectional Committee, **TXD 36** on **07 November 2023** through video conferencing.
- 33) 33rd Meeting of Chemical Methods of Tests, Sectional Committee, **TXD 05** on **09 November 2023** through video conferencing.
- 34) 30th Meeting of Man-made Fibres, Cotton and their Products Sectional Committee, **TXD 31** on **09 November 2023** through video conferencing.
- 35) 20th Meeting of Technical Textiles for Agrotech Applications Sectional Committee, **TXD 35** on **10 November 2023** through video conferencing.
- 36) 21st Meeting of Textile Machinery and Accessories Sectional Committee, **TXD 14** on **10 November 2023** through video conferencing.
- 37) 16th Meeting of Silk and Silk Products Sectional Committee, **TXD 28** on **14 November 2023** through video conferencing.
- 38) 8th Meeting of Technical Textiles for Mobiltech Applications Sectional Committee, **TXD 38** on **16 November 2023** through video conferencing.
- 39) 20th Meeting of Textile Speciality Chemicals and Dyestuffs Sectional Committee, **TXD 07** on **17 November 2023** through video conferencing.
- 40) 8th Meeting Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids Sectional Committee, **TXD 39** on **22 November 2023** through video conferencing.
- 41) 19th Meeting of Industrial Fabrics Sectional Committee, **TXD 33** on **22 November 2023** through video conferencing.
- 42) 26th Meeting of Physical Methods of Test Sectional Committee, **TXD 01** on **23 November 2023** through video conferencing.
- 43) 18th Meeting of Handloom and Khadi Sectional Committee, **TXD 08** on **29 November 2023** through video conferencing.

- 44) 34th Meeting of Textile Materials Made from Polyolefins Sectional Committee, **TXD 23** on **30 November 2023** through video conferencing.
- 45) 7th Meeting of High Performance Fibres, Fibrous Structure and Textile Components of composites Sectional Committee, **TXD 40** on **1st December 2023** through video conferencing.
- 46) 18th Meeting of Textiles Protective Clothing Sectional Committee, **TXD 32** on **19 December 2023** through video conferencing.
- 47) 30th Meeting of Geosynthetics Sectional Committee, **TXD 30** on **28 December 2023** through video conferencing.
- 48) 17th Meeting of Textile Materials for Aeronautical and Related Products Sectional Committee, **TXD 13** on **03 January 2024** through video conferencing.
- 49) 25th Meeting of Technical Textiles for Medtech Application Sectional Committee, **TXD 36** on **05 January 2024** through video conferencing.
- 50) 27th Meeting of Wool, Wool Products and Textiles Floor Coverings Sectional Committee, **TXD 04** on **12 January 2024** through video conferencing.
- 51) 31st Meeting of Man-made Fibres, Cotton and their Products Sectional Committee, **TXD 31** on **9 February 2024** through video conferencing.
- 52) 34th Meeting of Chemical Methods of Tests, Sectional Committee, **TXD 05** on **13 February 2024** through video conferencing.
- 53) 40th Meeting of Jute & Jute Products Sectional Committee, **TXD 03** on **12 March 2024** through video conferencing.
- 54) 20th Meeting of Industrial Fabrics Sectional Committee, **TXD 33** on **15 March 2024** through video conferencing.
- 55) 27th Meeting of Physical Methods of Test Sectional Committee, **TXD 01** on **10 April 2024** through video conferencing.
- 56) 26th Meeting of Technical Textiles for Medtech Application Sectional Committee, **TXD 36** on **15 April 2024** through video conferencing.
- 57) 25th Meeting of Made-up Textiles (Including Ready-made Garments) Sectional Committee, **TXD 20** on **19 April 2024** through video conferencing.
- 58) 32nd Meeting of Man-made Fibres, Cotton and their Products Sectional Committee, **TXD 31** on **23 April 2024** through video conferencing.

- 59) 28th Meeting of Wool, Wool Products and Textiles Floor Coverings Sectional Committee, **TXD 04** on **25 April 2023** through video conferencing.
- 60) 22nd Meeting of Textile Machinery and Accessories Sectional Committee, **TXD 14** on **30 April 2024** through video conferencing.
- 61) 21th Meeting of Technical Textiles for Agrotech Applications Sectional Committee, **TXD 35** on **03 May 2024** through video conferencing.
- 62) 26th Meeting of Cordage Sectional Committee, **TXD 09** on **14 May 2024** through video conferencing.
- 63) 19th meeting of Textiles Protective Clothing Sectional Committee, **TXD 32** held on **21 May 2024** through Video Conferencing
- 64) 9th Meeting of Technical Textiles for Mobiltech Applications Sectional Committee, **TXD 38** on **22 May 2024** through video conferencing.

ANNEX 15*(Item 8.2)***P – DRAFTS CIRCULATED**

Sl. No.	Doc No.	Title	Date of Issue
1.	TXD/14/22421	Textiles — Weft Pirns for Shuttles for Pirn-Changing Automatic Cotton Woollen and Worsted Looms — Specification (<i>Second Revision</i>)	01-05-2023
2.	TXD/14/22422	Textiles — Metal Heald Frames for Flat Steel Healds — Specification (<i>Second Revision</i>)	01-05-2023
3.	TXD/14/22423	Textiles — Accessories for Use in Shuttles for Plain Calico Loom — Specification (<i>First Revision</i>)	01-05-2023
4.	TXD/14/22455	Textiles — Bobbin Rail for Jute Spinning Frame — Specification (<i>First Revision</i>)	05-05-2023
5.	TXD/14/22461	Textiles — Faller Bars for Jute Drawing Frame — Specification (<i>First Revision</i>)	06-05-2023
6.	TXD/14/22460	Textiles — Heart Cam for Jute Spinning Frame — Specification (<i>First Revision</i>)	06-05-2023
7.	TXD/14/22462	Textiles — Boards blanks for Sley Bottom Race Cap and Box Back of Cotton Looms — Specification (<i>First Revision</i>)	07-05-2023
8.	TXD/10/20558	Textiles — Fabric Cotton Interlock Knitted — Specification.	08-05-2023
9.	TXD/13/22121	Textiles — Braided Nylon Cords for Aerospace Purposes — Specification	08-05-2023
10.	TXD/14/22495	Textiles — Bare Cloth Take-Up Rollers for Plain Cotton Looms — Specification (<i>First Revision</i>)	11-05-2023
11.	TXD/14/22492	Textiles — Inset Mail Wire Healds for Jute Weaving — Specification (<i>Third Revision</i>)	11-05-2023
12.	TXD/14/22491	Textiles — Perforated Strips for Take-up Rollers — Specification (<i>First Revision</i>)	11-05-2023
13.	TXD/14/22493	Code of Practice for Storage and Use of Textile Mill Leather Accessories Part 1 Pickers (<i>First Revision</i>)	11-05-2023
14.	TXD/14/22500	Textiles — Picking Sticks for Automatic and Under pick Looms — Specification (<i>Second Revision</i>)	12-05-2023
15.	TXD/18/22501	Textiles — Fishing Gear — Guide Part 22 Datasheets for Troll Line (<i>First Revision</i>)	14-05-2023
16.	TXD/18/22502	Textiles — Fishing Gear — Guide Part 23 26.8 Metre Two Seam Trawl (<i>First Revision</i>)	14-05-2023

17.	TXD/18/22503	Textiles — Fishing Gear — Guide Part 24 37.1 Metre Butterfly Trawl (<i>First Revision</i>)	14-05-2023
18.	TXD/18/22504	Textiles — Fishing Gear Materials — Methods of Test Part 8 Determination of Sinking Speed (<i>First Revision</i>)	14-05-2023
19.	TXD/18/22505	Textiles — Fishing Gear Materials — Methods of Test Part 9 Determination of Weathering Resistance (<i>First Revision</i>)	14-05-2023
20.	TXD/18/22506	Fishing Nets — Method for Determination of Taper Ratio and Cutting Rate (<i>Second Revision</i>)	14-05-2023
21.	TXD/14/22509	Textiles — Harness Dobby and Jacquard — Specification (<i>Second Revision</i>)	15-05-2023
22.	TXD/14/22511	Textiles — Cloth Rollers for Plain Calico Looms — Specification (<i>First Revision</i>)	15-05-2023
23.	TXD/14/22512	Textiles — Card and Gill Pins for Use in Jute Industry — Specification (<i>Second Revision</i>)	15-05-2023
24.	TXD/14/22513	Textiles — Springs for Plain Calico Looms — Specification (<i>First Revision</i>)	15-05-2023
25.	TXD/05/22467	Textiles — Quantitative Chemical Analysis — Part 4: Mixtures of Certain Protein Fibres With Certain Other Fibres (method using hypochlorite)	16-05-2023
26.	TXD/05/22468	Textiles — Quantitative Chemical Analysis — Part 5: Mixtures of Viscose, Cupro or Modal and Cotton Fibres (Method Using Sodium Zincate)	16-05-2023
27.	TXD/05/22469	Textiles — Quantitative Chemical Analysis — Part 7: Mixtures of Polyamide with Certain Other Fibres (Method Using Formic Acid)	16-05-2023
28.	TXD/05/22470	Textiles — Quantitative Chemical Analysis — Part 8: Mixtures of Acetate and Triacetate Fibres (Method Using Acetone)	16-05-2023
29.	TXD/05/22471	Textiles — Quantitative Chemical Analysis — Part 10: Mixtures of Triacetate or Polylactide with Certain Other Fibres (Method Using Dichloromethane)	16-05-2023
30.	TXD/05/22472	Textiles — Quantitative Chemical Analysis — Part 9: Mixtures of Acetate with Certain Other Fibres (Method Using Benzyl Alcohol)	16-05-2023
31.	TXD/05/22477	Textiles — Quantitative chemical analysis — Part 6: Mixtures of viscose, certain types of cupro, modal or lyocell with certain other fibres (method using formic acid and zinc chloride)	16-05-2023

32.	TXD/05/22478	Textiles — Quantitative Chemical Analysis — Part 11: Mixtures of Certain Cellulose Fibres with Certain Other Fibres (Method Using Sulfuric Acid)	16-05-2023
33.	TXD/05/22479	Textiles — Quantitative Chemical Analysis — Part 12: Mixtures of Acrylic, Certain Modacrylics, Certain Chlorofibres, Certain Elastane Fibres with Certain Other Fibres (Method Using Dimethylformamide)	16-05-2023
34.	TXD/05/22480	Textiles — Quantitative Chemical Analysis — Part 13: Mixtures of Certain Chlorofibres with Certain Other Fibres (Method Using Carbon Disulfide/Acetone)	16-05-2023
35.	TXD/05/22481	Textiles — Quantitative Chemical Analysis — Part 14: Mixtures of Acetate with Certain Other Fibres (Method Using Glacial Acetic Acid)	16-05-2023
36.	TXD/14/22526	Textiles — Side Weft Forks and Grates for Non-Automatic Looms — Specification (<i>First revision</i>)	16-05-2023
37.	TXD/14/22514	Textiles — Wooden Shuttle Blocks for Non-Automatic Looms — Specification (<i>First Revision</i>)	16-05-2023
38.	TXD/14/22516	Textiles — Wooden Shuttle Blocks for Pirn-Changing Automatic Looms — Specification (<i>First Revision</i>)	16-05-2023
39.	TXD/14/22525	Textiles — Accessories for Use in Shuttles for Pirn-Changing Automatic Cotton Looms — Specification (<i>First Revision</i>)	16-05-2023
40.	TXD/14/22524	Textiles — Spindles with Bolsters for Charkhas — Specification (<i>First Revision</i>)	16-05-2023
41.	TXD/38/19571	Textiles — Car Body Covers — Specification	29-05-2023
42.	TXD/09/22565	Textiles — Sisal Ropes — Specification Part 2 Tarred Varieties (<i>Third Revision</i>)	01-06-2023
43.	TXD/09/22566	Textiles — Braided Cotton Cord — Specification (<i>Third Revision</i>)	01-06-2023
44.	TXD/09/22567	Textiles — Code for Handling of Fibre Ropes (<i>Third Revision</i>)	01-06-2023
45.	TXD/09/22568	Textiles — Polyamide Cord — Specification (<i>Second Revision</i>)	01-06-2023
46.	TXD/09/22581	Textiles — High Density Polyethylene (HDPE) Monofilament Twine Door Nets — Specification (<i>First Revision</i>)	01-06-2023
47.	TXD/09/20259	Textiles — Netting and Fibre Rope for Load Restraint Systems in Surface Transport — Specification (<i>First Revision</i>)	01-06-2023

48.	TXD/09/22582	Textiles — Polypropylene Sutli — Specification (<i>First Revision</i>)	01-06-2023
49.	TXD/07/22712	Textiles — Determination of Index Ingredient from Coloured Textile (Part 2) Turmeric .	14-06-2023
50.	TXD/30/22876	Geosynthetics — Geotextile Tubes for Coastal and Waterways Protection —Specification	03-07-2023
51.	TXD/36/22466	Guidelines for Reprocessing of Multiple Use Healthcare Textiles	05-07-2023
52.	TXD/36/22151	Textiles — Determination of Antibacterial Activity of Textile Products (<i>First Revision</i> of IS/ISO 20743)	05-07-2023
53.	TXD/01/22893	Textiles — Cotton Fibres — Evaluation of Maturity — Microscopic Method (<i>Second Revision</i>)	05-07-2023
54.	TXD/01/22997	Textiles — Fabrics — Determination of Width and Length (<i>Third Revision</i>)	14-07-2023
55.	TXD/01/22999	Textiles — Determination of the Recovery from Creasing of a Folded Specimen of Fabric by Measuring the Angle of Recovery Part 1 Method of the Horizontally Folded Specimen (<i>Second Revision</i>)	14-07-2023
56.	TXD/05/22482	Textiles — Quantitative chemical analysis — Part 15: Mixtures of jute with certain animal fibres (method by determining nitrogen content)	24-07-2023
57.	TXD/05/22483	Textiles — Quantitative chemical analysis — Part 16: Mixtures of polypropylene fibres with certain other fibres (method using xylene)	24-07-2023
58.	TXD/05/22711	Textile Fabrics — Determination Of Resistance To Surface Wetting (Spray Test) (<i>Second Revision</i> Of IS 390)	24-07-2023
59.	TXD/05/23047	Textiles — Quantitative Chemical Analysis — Part 17: Mixtures of Cellulose Fibres and Certain Fibres with Chlorofibres and Certain Other Fibres.	24-07-2023
60.	TXD/05/23048	Textiles — Quantitative Chemical Analysis — Part 18: Mixtures of Silk with Wool or Other Animal Hair (Method Using Sulfuric Acid)	24-07-2023
61.	TXD/05/23051	Textiles — Quantitative Chemical Analysis — Part 19: Mixtures of Cellulose Fibres and Asbestos (Method By Heating)	24-07-2023
62.	TXD/05/23052	Textiles — Quantitative Chemical Analysis — Part 21: Mixtures of Chlorofibres, Certain Modacrylics, Certain	24-07-2023

		Elastanes, Acetates, Triacetates with Certain Other Fibres (Method Using Cyclohexanone)	
63.	TXD/05/23097	Textiles — Quantitative Chemical Analysis — Part 22: Mixtures of Viscose or Certain Types of Cupro or Modal or Lyocell with Flax Fibres (Method Using Formic Acid and Zinc Chloride)	24-07-2023
64.	TXD/05/23053	Textiles — Quantitative Chemical Analysis — Part 24: Mixtures of Polyester and Certain Other Fibres (Method Using Phenol and Tetrachloroethane)	24-07-2023
65.	TXD/05/23054	Textiles — Quantitative Chemical Analysis — Part 25: Mixtures of Polyester with Certain Other Fibres (Method Using Trichloroacetic Acid And Chloroform)	24-07-2023
66.	TXD/05/23055	Textiles — Quantitative Chemical Analysis — Part 26: Mixtures of Melamine with Certain Other Fibres (Method Using Hot Formic Acid)	24-07-2023
67.	TXD/05/23056	Textiles — Quantitative Chemical Analysis — Part 27: Mixtures of Cellulose Fibres with Certain Other Fibres (Method Using Aluminium Sulfate)	24-07-2023
68.	TXD/05/23057	Textiles — Quantitative Chemical Analysis — Part 28: Mixtures of Chitosan with Certain Other Fibres (Method Using Diluted Acetic Acid)	24-07-2023
69.	TXD/05/23058	Textiles — Quantitative Chemical Analysis — Part 29: Mixtures of Polyamide with Polypropylene/Polyamide Bicomponent (Method Using Sulfuric Acid)	24-07-2023
70.	TXD/25/20685	Coir Pith Block — Specification	28-07-2023
71.	TXD/39/23316	Textiles — Cotton Spindle Tapes — Specification	16-08-2023
72.	TXD/39/23319	Textiles — Cotton Stripping Tape for Electrical Purposes — Specification	16-08-2023
73.	TXD/39/23317	Textiles — Cotton Selvedge Tape for Electric Cables — Specification.	16-08-2023
74.	TXD/39/23321	Textiles — Cotton Webbing For Personal Web Equipment — Specification	16-08-2023
75.	TXD/39/23318	Textiles — Cotton Laces for Footwear — Specification	16-08-2023
76.	TXD/13/22872	Textiles — Nylon Sewing Threads for Aerospace Purposes — Specification	26-08-2023
77.	TXD/39/23557	Textiles — Cotton Webbing Special — Specification	05-09-2023
78.	TXD/38/23115	Textiles — Polyamide Tyre Cord Fabric for Automotive Tyres — Specification	05-09-2023

79.	TXD/39/23566	Textiles — Tapes for Wagon Sealing — Specification	07-09-2023
80.	TXD/39/23572	Textiles — Polyester Fibreglass Tapes — Specification	07-09-2023
81.	TXD/39/23673	Textiles — Glossary of Terms Relating to Narrow Fabrics	20-09-2023
82.	TXD/38/23234	Textiles — Dipped Polyamide Tyre Cord Fabric for Automotive Tyres — Specification	20-09-2023
83.	TXD/05/23585	Textiles — Method for Determination of Colour Fastness of Textile Materials to Washing in The Presence of Sodium Hypochlorite (<i>Second Revision Of IS 984</i>)	26-09-2023
84.	TXD/05/23588	Textiles — Methods for Determination of Colour Fastness of Textile Materials to Sublimation (<i>Second Revision of IS 975</i>)	26-09-2023
85.	TXD/05/23590	Textiles — Method for Determination of Colour Fastness of Disperse Dyes on Polyester Fabrics to Carbonization (<i>Second Revision of IS 11220</i>)	26-09-2023
86.	TXD/05/23592	Textiles — Methods for Testing Cotton Cordages for Resistance to Attack by Micro-Organisms (<i>Second Revision of IS 1386</i>)	26-09-2023
87.	TXD/05/23593	Textiles — Method for Estimation of Carboxylic Acid Groups in Cellulosic Textile Materials Part 1 Lodomeric Method (<i>Second Revision of IS 1560 Part 1</i>)	26-09-2023
88.	TXD/05/23594	Textiles — Method for Estimation of Carboxylic Acid Groups in Cellulosic Textile, Materials Part 2 Sodium Chloride - Sodium Bicarbonate Method (<i>Second Revision of IS 1560 part 2</i>)	26-09-2023
89.	TXD/05/23596	Textiles — Method of Test for Evaluation of Insect Proofness of Woollen Textiles (<i>Second Revision of IS 7250</i>)	26-09-2023
90.	TXD/05/23597	Textiles — Testing of Jute Fabrics for Resistance to Attack by Micro - Organisms (<i>Third Revision of IS 1623</i>)	26-09-2023
91.	TXD/05/23598	Textiles — Method for Testing Jute Cordages for Resistance to Attack by Micro-Organisms (<i>Second Revision of IS 1633</i>)	26-09-2023
92.	TXD/34/23882	Textiles — Poly Vinyl Chloride Pvc Coated Tensile Fabric Architectural Membranes — Specification.	13-10-2023
93.	TXD/25/20683	Raw Coir Pith — Specification (<i>First Revision</i>)	14-10-2023

94.	TXD/39/24012	Textiles — Nylon Laces for Shoes and Boots — Specification	30-10-2023
95.	TXD/39/24007	Textiles — High Density Polyethylene Monofilament Newar — Specification	30-10-2023
96.	TXD/05/24259	Textiles and Textile Products — Test Method for Determination of Volatile Organic Compound — Head-Space and Automatic Liquid Sampler (ALS) Gas Chromatographic Method	27-11-2023
97.	TXD/13/22617	Specification For Cotton Webbing for Parachutes (<i>Second Revision</i>)	27-11-2023
98.	TXD/33/24348	Nonwovens — Test Methods — Part 1 Determination of mass per unit area (<i>First Revision</i>)	04-12-2023
99.	TXD/33/24350	Nonwovens — Test Methods — Part 3 Determination of Tensile Strength and Elongation at Break Using The Strip Method (<i>First Revision</i>)	04-12-2023
100.	TXD/33/24362	Nonwovens — Test Methods — Part 4 Determination of Tear Resistance by The Trapezoid Procedure (<i>First Revision</i>)	04-12-2023
101.	TXD/33/24363	Nonwovens — Test Methods — Part 13 Repeated Liquid Strike-Through Time (Simulated Urine) (<i>First Revision</i>)	04-12-2023
102.	TXD/33/24364	Nonwovens — Test Methods — Part 14 Coverstock Wetback (Simulated Urine) (<i>First Revision</i>)	04-12-2023
103.	TXD/33/24366	Nonwovens — Test Methods — Part 18 Determination of Tensile Strength and Elongation at Break Using The Grab Tensile Test (<i>First Revision</i>)	04-12-2023
104.	TXD/33/23148	Methods of Test for Coated and Treated Fabrics Part 14 Rubber- or Plastics-Coated Fabrics Low Temperature Impact Test (<i>Second Revision</i> of IS 7016)	04-12-2023
105.	TXD/39/24422	Textiles — Flat Cotton Wicks — Specification.	06-12-2023
106.	TXD/09/24437	Fibre Ropes High Modulus Polyethylene 8-Strand Braided Ropes 12-Strand Braided Ropes And Covered Ropes	13-12-2023
107.	TXD/08/24029	Textiles — Handloom Cotton Lungies — Specification (<i>Second Revision</i>)	02-01-2024
108.	TXD/08/24032	Textiles — Handloom Wool Blankets Natural Grey Brown — Specification (<i>Third Revision</i>)	02-01-2024
109.	TXD/08/23996	Textiles — Handloom Cotton Coating — Specification (<i>Second Revision</i>)	07-01-2024

110.	TXD/10/24648	Textiles — Cotton Socks — Specification.	07-01-2024
111.	TXD/08/23995	Textiles — Handloom Cotton Shirting — Specification (<i>Second Revision</i>)	09-01-2024
112.	TXD/08/23978	Textiles — Handloom Buckram Cloth — Specification (<i>Second Revision</i>)	09-01-2024
113.	TXD/08/23976	Textiles — Handloom Cotton Holland Cloth, Unscoured — Specification (<i>Second Revision</i>)	09-01-2024
114.	TXD/10/24660	Textiles — Inland Packaging of Cotton Hosiery Yarn And Goods — Code Of Practice.	09-01-2024
115.	TXD/08/23977	Textiles — Handloom Cotton Crepe — Specification (<i>Second Revision</i>)	12-01-2024
116.	TXD/08/24659	Textiles — Handloom Cotton Angavastram — Specification (<i>First Revision</i>)	12-01-2024
117.	TXD/14/24689	Textiles — Double Flanged Bobbins used in Woollen And Worsted Mills — Specification (<i>First Revision</i>)	18-01-2024
118.	TXD/14/24690	Textiles — Accessories For Use in Shuttles for Jute Looms — Specification (<i>First Revision</i>)	18-01-2024
119.	TXD/10/24705	Textile — Rib Knitted Cotton Stockings for Gents — Specification. (<i>Second Revision</i>).	18-01-2024
120.	TXD/14/24702	Textiles — Bottom Rollers for Drafting Systems — Specification (<i>Fourth Revision</i>)	23-01-2024
121.	TXD/14/24696	Textiles — Card Gauges — Specification (<i>Second Revision</i>)	23-01-2024
122.	TXD/14/24703	Textiles — Shuttles for Jute Broad Looms — Specification (<i>Second Revision</i>)	23-01-2024
123.	TXD/14/24697	Textiles — Cots for Top Rollers — Specification (<i>First Revision</i>)	23-01-2024
124.	TXD/10/24739	Textile — Wool Hose Tops — Specification.	23-01-2024
125.	TXD/32/24727	Wildland Firefighting Personal Protective Equipment Requirements And Test Methods Part 4 : Gloves	23-01-2024
126.	TXD/32/24728	Wildland Firefighting Personal Protective Equipment Requirements And Test Methods Part 3 : Clothing	23-01-2024
127.	TXD/32/24726	Cleaning Inspection and Repair of Firefighters Personal Protective Equipment PPE	23-01-2024
128.	TXD/13/24731	Specification For Tape, Nylon, Tubular for Aerospace Applications (<i>First Revision</i>)	23-01-2024
129.	TXD/10/24781	Textiles — Cotton Singlets - White With Blue Welting — Specification.	30-01-2024
130.	TXD/10/24774	Textiles — Glossary of Terms Relating to Hosiery.	30-01-2024

131.	TXD/13/24777	Textiles — Linen Flax Sewing Thread for Aerospace Purposes — Specification	30-01-2024
132.	TXD/14/24786	Textiles — Nose Bars for Speed and Ring Spinning Frames — Specification (<i>Second Revision</i>)	31-01-2024
133.	TXD/14/24789	Textiles — Drum Pulleys/Tr Pulleys Used in Ring Spinning and Doubling Frames — Specification (<i>First Revision</i>)	31-01-2024
134.	TXD/14/24790	Textiles — Ear-Shaped Nylon Travellers for Ring Doubling and Twisting — Specification (<i>First Revision</i>)	31-01-2024
135.	TXD/14/24785	Textiles — Contact Wire Healds for Jute Weaving — Specification (<i>Second Revision</i>)	31-01-2024
136.	TXD/04/24805	Textiles — Wool/Polypropylene and Wool/Nylon Blended Blankets — Specification.	31-01-2024
137.	TXD/28/24792	Muga Raw Silk Grading and Test Methods	02-02-2024
138.	TXD/10/24860	Textiles — Seaworthy Packaging of Cotton Hosiery Yarn And Goods — Code of Practice.	07-02-2024
139.	TXD/08/23994	Textiles — Handloom Cotton Calico Bleached or Dyed — Specification (<i>Second Revision</i>)	08-02-2024
140.	TXD/08/23997	Textiles — Handloom Cotton Curtain Cloth — Specification (<i>Second Revision</i>)	08-02-2024
141.	TXD/08/23974	Textiles — Handloom Cotton Gada Cloth — Specification (<i>Second Revision</i>)	08-02-2024
142.	TXD/08/24028	Textiles — Handloom Cotton Dungri Cloth — Specification (<i>Second Revision</i>)	08-02-2024
143.	TXD/10/24861	Textiles — Inland Packing of Wool Hosiery Yarn and Goods — Code of Practice.	08-02-2024
144.	TXD/10/24863	Textiles — Seaworthy Packaging of Wool Hosiery Yarn And Goods — Code of Practice.	08-02-2024
145.	TXD/31/24914	Textiles — Continuous Filament Polyamide Nylon Yarn — Specification (<i>Second Revision</i> of IS 7867)	15-02-2024
146.	TXD/31/24913	Textiles — Bedsheets Pillow Cover And Blanket Cover — Specifications.	15-02-2024
147.	TXD/31/21853	Cotton Towelling And Towels Specification.	15-02-2024
148.	TXD/08/24019	Textiles — Handloom Worsted Rafal Shawls And Lohis — Specification (<i>Second Revision</i>)	16-02-2024
149.	TXD/08/23969	Textiles — Handloom Cotton Madras Handkerchiefs — Specification (<i>Second Revision</i>)	16-02-2024
150.	TXD/08/24018	Textiles — Handloom Cotton Madras Check — Specification (<i>Second Revision</i>)	16-02-2024

151.	TXD/08/24030	Textiles — Handloom Cotton Table Cloth And Napkins — Specification (<i>Second Revision</i>)	17-02-2024
152.	TXD/08/24922	Textiles — Handloom Cotton Bleeding Madras — Specification (<i>Second Revision</i>)	20-02-2024
153.	TXD/08/24921	Textiles — Handloom Cotton Twills — Specification (<i>Second Revision</i>)	21-02-2024
154.	TXD/08/24929	Textiles — Handloom Cotton Dusters — Specification (<i>Second Revision</i>)	21-02-2024
155.	TXD/08/24942	Textiles — Handloom Cotton Fabric For School Uniforms — Specification (<i>First Revision</i>)	25-02-2024
156.	TXD/08/24927	Textiles — Handloom Viscose Staple Fibre Lungies — Specification (<i>Second Revision</i>)	04-03-2024
157.	TXD/08/24923	Textiles — Handloom Cotton Handkerchiefs — Specification (<i>Second Revision</i>)	05-03-2024
158.	TXD/08/24943	Textiles — Polyester Cotton Blended Khadi Polyvastra Suitings for Uniform — Specification (<i>First Revision</i>)	08-03-2024
159.	TXD/40/24842	Textiles — Glass Staple Fibres or Filaments Determination of Average Diameter (<i>First Revision</i>)	08-03-2024
160.	TXD/40/24843	Textiles — Glass Yarns Designation (<i>First Revision</i>)	08-03-2024
161.	TXD/40/24844	Carbon Fibre Determination of Density (<i>First Revision</i>)	08-03-2024
162.	TXD/01/24993	Textiles — Biaxial Tensile Properties of Woven Fabric Determination of Maximum Force and Elongation at Maximum Force Using the Grab Method	08-03-2024
163.	TXD/01/25027	Textiles — Method for Determination of Seam Strength of Jute Fabrics Including Their Laminates (<i>First Revision</i>)	08-03-2024
164.	TXD/14/24787	Textiles — Bobbins and Pirns — Specification Part 3 Plastic Flyer Bobbins (<i>First Revision</i>)	11-03-2024
165.	TXD/30/25076	Geosynthetics — Geotextiles for Drainage, Separation, Filtration, Erosion Control and Stabilization Applications — Specification.	12-03-2024
166.	TXD/01/25026	Textiles — Physical Methods of Test for Uncut Indian Jute Mestabimli	19-03-2024
167.	TXD/30/25136	Geotextiles — Methods of Test (Part 2) Determination of Resistance to the Exposure of Ultraviolet Light, Moisture and Heat (Xenon-Arc Type Apparatus)	24-03-2024
168.	TXD/30/25137	Geosynthetics — Method for Determination of Trapezoid Tearing Strength	24-03-2024

169.	TXD/30/25138	Geosynthetics — Method for Determination of Apparent Opening Size by Dry Sieving Technique	24-03-2024
170.	TXD/30/25139	Geotextiles — Determination of Abrasion Resistance	24-03-2024
171.	TXD/30/25140	Geosynthetics — Sampling and Preparation of Test Specimens	24-03-2024
172.	TXD/30/25141	Geotextiles and Geotextile-Related Products — Determination of Water Permeability Characteristics Normal to the Plane, Without Load	24-03-2024
173.	TXD/30/25142	Geosynthetics — Determination of Friction Characteristics Part 1: Direct Shear Test	24-03-2024
174.	TXD/30/25143	Geosynthetics — Dynamic Perforation Test (Cone Drop Test)	24-03-2024
175.	TXD/32/25486	Textiles — High Density Polyethylene (Hdpe) Monofilament Mosquito Netting Round Mesh — Specification (<i>First Revision</i>)	25-04-2024
176.	TXD/32/25487	Textiles — Determination of Flammability by Oxygen Index	25-04-2024
177.	TXD/32/25492	Textile Floor Coverings — Determination of Flame Resistance by Tablet Test	25-04-2024
178.	TXD/31/25547	Textiles — Continuous Filament Polypropylene Yarns — Specification	26-04-2024
179.	TXD/01/25573	Textiles — Synthetic Filament Yarns Electrostatic Propensity Evaluation by Measuring Electrical Resistance	01-05-2024
180.	TXD/01/25579	Textiles — Synthetic Filament Yarns Test Methods for Crimp Properties of Textured Yarns	01-05-2024

ANNEX 16*(Item 8.2)***DRAFT STANDARDS ISSUED IN WIDE CIRCULATION**

Sl No.	Doc. No.	Title	Date of Issue
1.	TXD/14/22376	Textiles — Picking Nose Boss and Shell for Looms — Specification (<i>First Revision</i>)	01-05-2023
2.	TXD/14/22381	Textiles — Spindle for Jute Cop Winding Machine — Specification (<i>First Revision</i>)	01-05-2023
3.	TXD/14/22382	Textiles — Faller Screws for Jute Drawing Frames — Specification (<i>First revision</i>)	01-05-2023
4.	TXD/14/22385	Textiles — 4B Plastic Pickers — Specification (<i>First Revision</i>)	01-05-2023
5.	TXD/14/22384	Textiles — Pressing Roller Assembly for Jute Drawing Frame — Specification (<i>First Revision</i>)	01-05-2023
6.	TXD/14/22379	Textiles — Cams Faller Screw for Screw Gill Jute Drawing Frame — Specification (<i>First Revision</i>)	01-05-2023
7.	TXD/14/22388	Textiles — Picking Cone and Bolt for Looms — Specification (<i>First Revision</i>)	02-05-2023
8.	TXD/14/22389	Textiles — Looms Pickers — Specification (<i>First Revision</i>)	02-05-2023
9.	TXD/14/22390	Textiles — Shedding Tappets for Plain Calico Looms — Specification (<i>First Revision</i>)	02-05-2023
10.	TXD/14/22421	Textiles — Weft Pirns for Shuttles for Pirn-Changing Automatic Cotton Woollen and Worsted Looms — Specification (<i>Second Revision</i>)	08-05-2023
11.	TXD/14/22422	Textiles — Metal Heald Frames for Flat Steel Healds — Specification (<i>Second Revision</i>)	08-05-2023
12.	TXD/14/22423	Textiles — Accessories for Use in Shuttles for Plain Calico Loom — Specification (<i>First Revision</i>)	08-05-2023
13.	TXD/14/22455	Textiles — Bobbin Rail for Jute Spinning Frame — Specification (<i>First Revision</i>)	12-05-2023
14.	TXD/14/22461	Textiles — Faller Bars for Jute Drawing Frame — Specification (<i>First Revision</i>)	13-05-2023
15.	TXD/14/22460	Textiles — Heart Cam for Jute Spinning Frame — Specification (<i>First Revision</i>)	13-05-2023

16.	TXD/14/22462	Textiles — Boards blanks for Sley Bottom Race Cap and Box Back of Cotton Looms — Specification (<i>First Revision</i>)	14-05-2023
17.	TXD/10/20558	Textiles — Fabric Cotton Interlock Knitted — Specification.	15-05-2023
18.	TXD/13/22121	Textiles — Braided Nylon Cords for Aerospace Purposes — Specification	15-05-2023
19.	TXD/14/22495	Textiles — Bare Cloth Take-Up Rollers for Plain Cotton Looms — Specification (<i>First Revision</i>)	18-05-2023
20.	TXD/14/22492	Textiles — Inset Mail Wire Healds for Jute Weaving — Specification (<i>Third Revision</i>)	18-05-2023
21.	TXD/14/22491	Textiles — Perforated Strips for Take-up Rollers — Specification (<i>First Revision</i>)	18-05-2023
22.	TXD/14/22493	Code of Practice for Storage and Use of Textile Mill Leather Accessories Part 1 Pickers (<i>First Revision</i>)	18-05-2023
23.	TXD/14/22500	Textiles — Picking Sticks for Automatic and Under pick Looms — Specification (<i>Second Revision</i>)	19-05-2023
24.	TXD/18/22501	Textiles — Fishing Gear — Guide Part 22 Datasheets for Troll Line (<i>First Revision</i>)	21-05-2023
25.	TXD/18/22502	Textiles — Fishing Gear — Guide Part 23 26.8 Metre Two Seam Trawl (<i>First Revision</i>)	21-05-2023
26.	TXD/18/22503	Textiles — Fishing Gear — Guide Part 24 37.1 Metre Butterfly Trawl (<i>First Revision</i>)	21-05-2023
27.	TXD/18/22504	Textiles — Fishing Gear Materials — Methods of Test Part 8 Determination of Sinking Speed (<i>First Revision</i>)	21-05-2023
28.	TXD/18/22505	Textiles — Fishing Gear Materials — Methods of Test Part 9 Determination of Weathering Resistance (<i>First Revision</i>)	21-05-2023
29.	TXD/18/22506	Fishing Nets — Method for Determination of Taper Ratio and Cutting Rate (<i>Second Revision</i>)	21-05-2023
30.	TXD/14/22509	Textiles — Harness Dobby and Jacquard — Specification (<i>Second Revision</i>)	22-05-2023
31.	TXD/14/22511	Textiles — Cloth Rollers for Plain Calico Looms — Specification (<i>First Revision</i>)	22-05-2023
32.	TXD/14/22512	Textiles — Card and Gill Pins for Use in Jute Industry — Specification (<i>Second Revision</i>)	22-05-2023
33.	TXD/14/22513	Textiles — Springs for Plain Calico Looms — Specification (<i>First Revision</i>)	22-05-2023

34.	TXD/05/22467	Textiles — Quantitative Chemical Analysis — Part 4: Mixtures of Certain Protein Fibres with Certain Other Fibres (Method Using Hypochlorite)	23-05-2023
35.	TXD/05/22468	Textiles — Quantitative Chemical Analysis — Part 5: Mixtures of Viscose, Cupro or Modal and Cotton Fibres (Method Using Sodium Zincate)	23-05-2023
36.	TXD/05/22469	Textiles — Quantitative Chemical Analysis — Part 7: Mixtures of Polyamide with Certain Other Fibres (Method Using Formic Acid)	23-05-2023
37.	TXD/05/22470	Textiles — Quantitative Chemical Analysis — Part 8: Mixtures of Acetate and Triacetate Fibres (Method Using Acetone)	23-05-2023
38.	TXD/05/22471	Textiles — Quantitative Chemical Analysis — Part 10: Mixtures of Triacetate or Polylactide with Certain Other Fibres (Method Using Dichloromethane)	23-05-2023
39.	TXD/05/22472	Textiles — Quantitative Chemical Analysis — Part 9: Mixtures of Acetate with Certain Other Fibres (Method Using Benzyl Alcohol)	23-05-2023
40.	TXD/05/22477	Textiles — Quantitative Chemical Analysis — Part 6: Mixtures of Viscose, Certain Types of Cupro, Modal or Lyocell with Certain Other Fibres (Method Using Formic Acid and Zinc Chloride)	23-05-2023
41.	TXD/05/22478	Textiles — Quantitative Chemical Analysis — Part 11: Mixtures of Certain Cellulose Fibres with Certain Other Fibres (Method Using Sulfuric Acid)	23-05-2023
42.	TXD/05/22479	Textiles — Quantitative Chemical Analysis — Part 12: Mixtures of Acrylic, Certain Modacrylics, Certain Chlorofibres, Certain Elastane Fibres with Certain Other Fibres (Method Using Dimethylformamide)	23-05-2023
43.	TXD/05/22480	Textiles — Quantitative Chemical Analysis — Part 13: Mixtures of Certain Chlorofibres with Certain Other Fibres (Method Using Carbon Disulfide/Acetone)	23-05-2023
44.	TXD/05/22481	Textiles — Quantitative Chemical Analysis — Part 14: Mixtures of Acetate With Certain Other Fibres (Method Using Glacial Acetic Acid)	23-05-2023
45.	TXD/14/22526	Textiles — Side Weft Forks and Grates for Non-Automatic Looms — Specification (<i>First revision</i>)	23-05-2023
46.	TXD/14/22514	Textiles — Wooden Shuttle Blocks for Non-Automatic Looms — Specification (<i>First Revision</i>)	23-05-2023

47.	TXD/14/22516	Textiles — Wooden Shuttle Blocks for Pirn-Changing Automatic Looms — Specification (<i>First Revision</i>)	23-05-2023
48.	TXD/14/22525	Textiles — Accessories for Use in Shuttles for Pirn-Changing Automatic Cotton Looms — Specification (<i>First Revision</i>)	23-05-2023
49.	TXD/14/22524	Textiles — Spindles with Bolsters for Charkhas — Specification (<i>First Revision</i>)	23-05-2023
50.	TXD/38/19571	Textiles — Car Body Covers — Specification	05-06-2023
51.	TXD/09/22565	Textiles — Sisal Ropes — Specification Part 2 Tarred Varieties (<i>Third Revision</i>)	08-06-2023
52.	TXD/09/22566	Textiles — Braided Cotton Cord — Specification (<i>Third Revision</i>)	08-06-2023
53.	TXD/09/22567	Textiles — Code for Handling of Fibre Ropes (<i>Third Revision</i>)	08-06-2023
54.	TXD/09/22568	Textiles — Polyamide Cord — Specification (<i>Second Revision</i>)	08-06-2023
55.	TXD/09/22581	Textiles — High Density Polyethylene (HDPE) Monofilament Twine Door Nets — Specification (<i>First Revision</i>)	08-06-2023
56.	TXD/09/20259	Textiles — Netting and Fibre Rope for Load Restraint Systems in Surface Transport — Specification (<i>First Revision</i>)	08-06-2023
57.	TXD/09/22582	Textiles — Polypropylene Sutli — Specification (<i>First Revision</i>)	08-06-2023
58.	TXD/07/22712	Textiles — Determination of Index Ingredient from Coloured Textile (Part 2) Turmeric .	21-06-2023
59.	TXD/30/22876	Geosynthetics — Geotextile Tubes for Coastal and Waterways Protection — Specification	10-07-2023
60.	TXD/36/22466	Guidelines for Reprocessing of Multiple Use Healthcare Textiles	12-07-2023
61.	TXD/36/22151	Textiles — Determination of Antibacterial Activity of Textile Products (<i>First Revision</i> of IS/ISO 20743)	12-07-2023
62.	TXD/01/22893	Textiles — Cotton Fibres — Evaluation of Maturity — Microscopic Method (<i>Second Revision</i>)	12-07-2023
63.	TXD/01/22997	Textiles — Fabrics — Determination of Width and Length (<i>Third Revision</i>)	21-07-2023
64.	TXD/01/22999	Textiles — Determination of the Recovery from Creasing of a Folded Specimen of Fabric by Measuring	21-07-2023

		the Angle of Recovery Part 1 Method of the Horizontally Folded Specimen (<i>Second Revision</i>)	
65.	TXD/05/22482	Textiles — Quantitative Chemical Analysis — Part 15: Mixtures of Jute With Certain Animal Fibres (Method By Determining Nitrogen Content)	31-07-2023
66.	TXD/05/22483	Textiles — Quantitative Chemical Analysis — Part 16: Mixtures of Polypropylene Fibres With Certain Other Fibres (Method Using Xylene)	31-07-2023
67.	TXD/05/22711	Textile Fabrics — Determination of Resistance to Surface Wetting (Spray Test) (<i>Second Revision</i> Of IS 390)	31-07-2023
68.	TXD/05/23047	Textiles — Quantitative Chemical Analysis — Part 17: Mixtures of Cellulose Fibres and Certain Fibres With Chlorofibres and Certain Other Fibres.	31-07-2023
69.	TXD/05/23048	Textiles — Quantitative Chemical Analysis — Part 18: Mixtures of Silk With Wool or Other Animal Hair (Method Using Sulfuric Acid)	31-07-2023
70.	TXD/05/23051	Textiles — Quantitative Chemical Analysis — Part 19: Mixtures of Cellulose Fibres and Asbestos (Method By Heating)	31-07-2023
71.	TXD/05/23052	Textiles — Quantitative Chemical Analysis — Part 21: Mixtures of Chlorofibres, Certain Modacrylics, Certain Elastanes, Acetates, Triacetates With Certain Other Fibres (Method Using Cyclohexanone)	31-07-2023
72.	TXD/05/23097	Textiles — Quantitative Chemical Analysis — Part 22: Mixtures of Viscose or Certain Types of Cupro or Modal or Lyocell With Flax Fibres (Method Using Formic Acid And Zinc Chloride)	31-07-2023
73.	TXD/05/23053	Textiles — Quantitative Chemical Analysis — Part 24: Mixtures of Polyester and Certain Other Fibres (Method Using Phenol and Tetrachloroethane)	31-07-2023
74.	TXD/05/23054	Textiles — Quantitative Chemical Analysis — Part 25: Mixtures of Polyester With Certain Other Fibres (Method Using Trichloroacetic Acid and Chloroform)	31-07-2023
75.	TXD/05/23055	Textiles — Quantitative Chemical Analysis — Part 26: Mixtures of Melamine With Certain Other Fibres (Method Using Hot Formic Acid)	31-07-2023

76.	TXD/05/23056	Textiles — Quantitative Chemical Analysis — Part 27: Mixtures of Cellulose Fibres With Certain Other Fibres (Method Using Aluminium Sulfate)	31-07-2023
77.	TXD/05/23057	Textiles — Quantitative Chemical Analysis — Part 28: Mixtures of Chitosan With Certain Other Fibres (Method Using Diluted Acetic Acid)	31-07-2023
78.	TXD/05/23058	Textiles — Quantitative Chemical Analysis — Part 29: Mixtures of Polyamide With Polypropylene/Polyamide Bicomponent (Method Using Sulfuric Acid)	31-07-2023
79.	TXD/25/20685	Coir Pith Block — Specification	04-08-2023
80.	TXD/39/23316	Textiles — Cotton Spindle Tapes — Specification	23-08-2023
81.	TXD/39/23319	Textiles — Cotton Stripping Tape for Electrical Purposes — Specification	23-08-2023
82.	TXD/39/23317	Textiles — Cotton Selvedge Tape for Electric Cables — Specification.	23-08-2023
83.	TXD/39/23321	Textiles — Cotton Webbing For Personal Web Equipment — Specification	23-08-2023
84.	TXD/39/23318	Textiles — Cotton Laces For Footwear — Specification	23-08-2023
85.	TXD/13/22872	Textiles — Nylon Sewing Threads for Aerospace Purposes — Specification	02-09-2023
86.	TXD/39/23557	Textiles — Cotton Webbing Special — Specification	12-09-2023
87.	TXD/38/23115	Textiles — Polyamide Tyre Cord Fabric for Automotive Tyres — Specification	12-09-2023
88.	TXD/39/23566	Textiles — Tapes for Wagon Sealing — Specification	14-09-2023
89.	TXD/39/23572	Textiles — Polyester Fibreglass Tapes — Specification	14-09-2023
90.	TXD/39/23673	Textiles — Glossary of Terms Relating to Narrow Fabrics	27-09-2023
91.	TXD/38/23234	Textiles — Dipped Polyamide Tyre Cord Fabric for Automotive Tyres — Specification	27-09-2023
92.	TXD/05/23585	Textiles — Method For Determination of Colour Fastness of Textile Materials to Washing in the Presence of Sodium Hypochlorite (<i>Second Revision</i> of IS 984)	03-10-2023
93.	TXD/05/23588	Textiles — Methods for Determination of Colour Fastness of Textile Materials to Sublimation (<i>Second Revision</i> of IS 975)	03-10-2023
94.	TXD/05/23590	Textiles — Method for Determination of Colour Fastness of Disperse Dyes on Polyester Fabrics to Carbonization (<i>Second Revision</i> of IS 11220)	03-10-2023

95.	TXD/05/23592	Textiles — Methods for Testing Cotton Cordages for Resistance to Attack by Micro-Organisms (<i>Second Revision</i> of IS 1386)	03-10-2023
96.	TXD/05/23593	Textiles — Method for Estimation of Carboxylic Acid Groups in Cellulosic Textile Materials Part 1 Lodomeric Method (<i>Second Revision</i> of IS 1560 Part 1)	03-10-2023
97.	TXD/05/23594	Textiles — Method for Estimation of Carboxylic Acid Groups in Cellulosic Textile, Materials Part 2 Sodium Chloride - Sodium Bicarbonate Method (<i>Second Revision</i> of IS 1560 part 2)	03-10-2023
98.	TXD/05/23596	Textiles — Method of Test for Evaluation of Insect Proofness of Woollen Textiles (<i>Second Revision</i> of IS 7250)	03-10-2023
99.	TXD/05/23597	Textiles — Testing of Jute Fabrics for Resistance to Attack by Micro - Organisms (<i>Third Revision</i> of IS 1623)	03-10-2023
100.	TXD/05/23598	Textiles — Method for Testing Jute Cordages for Resistance to Attack by Micro-Organisms (<i>Second Revision</i> of IS 1633)	03-10-2023
101.	TXD/34/23882	Textiles — Poly Vinyl Chloride Pvc Coated Tensile Fabric Architectural Membranes — Specification.	20-10-2023
102.	TXD/25/20683	Raw Coir Pith — Specification (<i>First Revision</i>)	21-10-2023
103.	TXD/39/24012	Textiles — Nylon Laces for Shoes and Boots — Specification	06-11-2023
104.	TXD/39/24007	Textiles — High Density Polyethyle Monofilament Newar — Specification	06-11-2023
105.	TXD/05/24259	Textiles and Textile Products — Test Method for Determination of Volatile Organic Compound — Head-Space and Automatic Liquid Sampler (ALS) Gas Chromatographic Method	04-12-2023
106.	TXD/13/22617	Specification For Cotton Webbing for Parachutes (<i>Second Revision</i>)	04-12-2023
107.	TXD/33/24348	Nonwovens — Test Methods — Part 1 Determination of Mass per Unit Area (<i>First Revision</i>)	11-12-2023
108.	TXD/33/24350	Nonwovens — Test Methods — Part 3 Determination of Tensile Strength and Elongation at Break Using the Strip Method (<i>First Revision</i>)	11-12-2023

109.	TXD/33/24362	Nonwovens — Test Methods — Part 4 Determination of Tear Resistance by the Trapezoid Procedure (<i>First Revision</i>)	11-12-2023
110.	TXD/33/24363	Nonwovens — Test Methods — Part 13 Repeated Liquid Strike-Through Time (Simulated Urine) (<i>First Revision</i>)	11-12-2023
111.	TXD/33/24364	Nonwovens — Test Methods — Part 14 Coverstock Wetback (Simulated Urine) (<i>First Revision</i>)	11-12-2023
112.	TXD/33/24366	Nonwovens — Test Methods — Part 18 Determination of Tensile Strength and Elongation at Break Using the Grab Tensile Test (<i>First Revision</i>)	11-12-2023
113.	TXD/33/23148	Methods of Test for Coated and Treated Fabrics Part 14 Rubber or Plastics-Coated Fabrics Low Temperature Impact Test (<i>Second Revision</i> of IS 7016)	11-12-2023
114.	TXD/39/24422	Textiles — Flat Cotton Wicks — Specification.	13-12-2023
115.	TXD/09/24437	Fibre Ropes High Modulus Polyethylene 8-Strand Braided Ropes 12-Strand Braided Ropes and Covered Ropes	20-12-2023
116.	TXD/08/24029	Textiles — Handloom Cotton Lungies — Specification (<i>Second Revision</i>)	09-01-2024
117.	TXD/08/24032	Textiles — Handloom Wool Blankets Natural Grey Brown — Specification (<i>Third Revision</i>)	09-01-2024
118.	TXD/08/23996	Textiles — Handloom Cotton Coating — Specification (<i>Second Revision</i>)	14-01-2024
119.	TXD/10/24648	Textiles — Cotton Socks — Specification.	14-01-2024
120.	TXD/08/23995	Textiles — Handloom Cotton Shirting — Specification (<i>Second Revision</i>)	16-01-2024
121.	TXD/08/23978	Textiles — Handloom Buckram Cloth — Specification (<i>Second Revision</i>)	16-01-2024
122.	TXD/08/23976	Textiles — Handloom Cotton Holland Cloth, Unscoured — Specification (<i>Second Revision</i>)	16-01-2024
123.	TXD/10/24660	Textiles — Inland Packaging of Cotton Hosiery Yarn and Goods — Code of Practice.	16-01-2024
124.	TXD/08/23977	Textiles — Handloom Cotton Crepe — Specification (<i>Second Revision</i>)	19-01-2024
125.	TXD/08/24659	Textiles — Handloom Cotton Angavastram — Specification (<i>First Revision</i>)	19-01-2024
126.	TXD/14/24689	Textiles — Double Flanged Bobbins used in Woollen and Worsted Mills — Specification (<i>First Revision</i>)	25-01-2024

127.	TXD/14/24690	Textiles — Accessories for use in Shuttles for Jute Looms — Specification (<i>First Revision</i>)	25-01-2024
128.	TXD/10/24705	Textile — Rib Knitted Cotton Stockings for Gents — Specification. (<i>Second Revision</i>).	25-01-2024
129.	TXD/14/24702	Textiles — Bottom Rollers for Drafting Systems — Specification (<i>Fourth Revision</i>)	30-01-2024
130.	TXD/14/24696	Textiles — Card Gauges — Specification (<i>Second Revision</i>)	30-01-2024
131.	TXD/14/24703	Textiles — Shuttles for Jute Broad Looms — Specification (<i>Second Revision</i>)	30-01-2024
132.	TXD/14/24697	Textiles — Cots for Top Rollers — Specification (<i>First Revision</i>)	30-01-2024
133.	TXD/10/24739	Textile — Wool Hose Tops — Specification.	30-01-2024
134.	TXD/32/24727	Wildland Firefighting Personal Protective Equipment Requirements and Test Methods Part 4 : Gloves	30-01-2024
135.	TXD/32/24728	Wildland Firefighting Personal Protective Equipment Requirements and Test Methods Part 3 : Clothing	30-01-2024
136.	TXD/32/24726	Cleaning Inspection and Repair of Firefighters Personal Protective Equipment PPE	30-01-2024
137.	TXD/13/24731	Specification For Tape, Nylon, Tubular for Aerospace Applications (<i>First Revision</i>)	30-01-2024
138.	TXD/10/24781	Textiles — Cotton Singlets - White with Blue Welting — Specification.	06-02-2024
139.	TXD/10/24774	Textiles — Glossary of Terms Relating to Hosiery.	06-02-2024
140.	TXD/13/24777	Textiles — Linen Flax Sewing Thread for Aerospace Purposes — Specification	06-02-2024
141.	TXD/14/24786	Textiles — Nose Bars for Speed and Ring Spinning Frames — Specification (<i>Second Revision</i>)	07-02-2024
142.	TXD/14/24789	Textiles — Drum Pulleys/Tr Pulleys Used in Ring Spinning and Doubling Frames — Specification (<i>First Revision</i>)	07-02-2024
143.	TXD/14/24790	Textiles — Ear-Shaped Nylon Travellers for Ring Doubling and Twisting — Specification (<i>First Revision</i>)	07-02-2024
144.	TXD/14/24785	Textiles — Contact Wire Healds for Jute Weaving — Specification (<i>Second Revision</i>)	07-02-2024
145.	TXD/04/24805	Textiles — Wool/Polypropylene and Wool/Nylon Blended Blankets — Specification.	07-02-2024
146.	TXD/28/24792	Muga Raw Silk Grading and Test Methods	09-02-2024

147.	TXD/10/24860	Textiles — Seaworthy Packaging of Cotton Hosiery Yarn and Goods — Code of Practice.	14-02-2024
148.	TXD/08/23994	Textiles — Handloom Cotton Calico Bleached or Dyed — Specification (<i>Second Revision</i>)	15-02-2024
149.	TXD/08/23997	Textiles — Handloom Cotton Curtain Cloth — Specification (<i>Second Revision</i>)	15-02-2024
150.	TXD/08/23974	Textiles — Handloom Cotton Gada Cloth — Specification (<i>Second Revision</i>)	15-02-2024
151.	TXD/08/24028	Textiles — Handloom Cotton Dungri Cloth — Specification (<i>Second Revision</i>)	15-02-2024
152.	TXD/10/24861	Textiles — Inland Packing of Wool Hosiery Yarn and Goods — Code of Practice.	15-02-2024
153.	TXD/10/24863	Textiles — Seaworthy Packaging of Wool Hosiery Yarn and Goods — Code of Practice.	15-02-2024
154.	TXD/31/24914	Textiles — Continuous Filament Polyamide Nylon Yarn — Specification (<i>Second Revision</i> of IS 7867)	22-02-2024
155.	TXD/31/24913	Textiles — Bedsheets Pillow cover and Blanket Cover — Specifications.	22-02-2024
156.	TXD/31/21853	Cotton Towelling and Towels Specification.	22-02-2024
157.	TXD/08/24019	Textiles — Handloom Worsted Rafal Shawls and Lohis — Specification (<i>Second Revision</i>)	23-02-2024
158.	TXD/08/23969	Textiles — Handloom Cotton Madras Handkerchiefs — Specification (<i>Second Revision</i>)	23-02-2024
159.	TXD/08/24018	Textiles — Handloom Cotton Madras Check — Specification (<i>Second Revision</i>)	23-02-2024
160.	TXD/08/24030	Textiles — Handloom Cotton Table Cloth and Napkins — Specification (<i>Second Revision</i>)	24-02-2024
161.	TXD/08/24922	Textiles — Handloom Cotton Bleeding Madras — Specification (<i>Second Revision</i>)	27-02-2024
162.	TXD/08/24921	Textiles — Handloom Cotton Twills — Specification (<i>Second Revision</i>)	28-02-2024
163.	TXD/08/24929	Textiles — Handloom Cotton Dusters — Specification (<i>Second Revision</i>)	28-02-2024
164.	TXD/08/24942	Textiles — Handloom Cotton Fabric for School Uniforms — Specification (<i>First Revision</i>)	03-03-2024
165.	TXD/08/24927	Textiles — Handloom Viscose Staple Fibre Lungies — Specification (<i>Second Revision</i>)	11-03-2024
166.	TXD/08/24923	Textiles — Handloom Cotton Handkerchiefs — Specification (<i>Second Revision</i>)	12-03-2024

167.	TXD/08/24943	Textiles — Polyester Cotton Blended Khadi Polyvastra Suitings for Uniform — Specification (<i>First Revision</i>)	15-03-2024
168.	TXD/40/24842	Textiles — Glass Staple Fibres or Filaments Determination of Average Diameter (<i>First Revision</i>)	15-03-2024
169.	TXD/40/24843	Textiles — Glass Yarns Designation (<i>First Revision</i>)	15-03-2024
170.	TXD/40/24844	Carbon Fibre Determination of Density (<i>First Revision</i>)	15-03-2024
171.	TXD/01/24993	Textiles — Biaxial Tensile Properties of Woven Fabric Determination of Maximum Force and Elongation at Maximum Force Using The Grab Method	15-03-2024
172.	TXD/01/25027	Textiles — Method for Determination of Seam Strength of Jute Fabrics Including Their Laminates (<i>First Revision</i>)	15-03-2024
173.	TXD/14/24787	Textiles — Bobbins and Pirns — Specification Part 3 Plastic Flyer Bobbins (<i>First Revision</i>)	18-03-2024
174.	TXD/30/25076	Geosynthetics — Geotextiles for Drainage, Separation, Filtration, Erosion Control and Stabilization Applications — Specification.	19-03-2024
175.	TXD/01/25026	Textiles — Physical Methods of Test for Uncut Indian Jute Mestabimli	26-03-2024
176.	TXD/30/25136	Geotextiles — Methods of Test (Part 2) Determination of Resistance to the Exposure of Ultraviolet Light, Moisture and Heat (Xenon-Arc Type Apparatus)	31-03-2024
177.	TXD/30/25137	Geosynthetics — Method for Determination of Trapezoid Tearing Strength	31-03-2024
178.	TXD/30/25138	Geosynthetics — Method for Determination of Apparent Opening Size by Dry Sieving Technique	31-03-2024
179.	TXD/30/25139	Geotextiles — Determination of Abrasion Resistance	31-03-2024
180.	TXD/30/25140	Geosynthetics — Sampling and Preparation of Test Specimens	31-03-2024
181.	TXD/30/25141	Geotextiles and Geotextile-Related Products — Determination of Water Permeability Characteristics Normal to the Plane, Without Load	31-03-2024
182.	TXD/30/25142	Geosynthetics — Determination of Friction Characteristics Part 1: Direct Shear Test	31-03-2024
183.	TXD/30/25143	Geosynthetics — Dynamic Perforation Test (Cone Drop Test)	31-03-2024
184.	TXD/32/25486	Textiles — High Density Polyethylene (HDPE) Monofilament Mosquito Netting Round Mesh — Specification (<i>First Revision</i>)	02-05-2024

185.	TXD/32/25487	Textiles — Determination of Flammability by Oxygen Index	02-05-2024
186.	TXD/32/25492	Textile Floor Coverings — Determination of Flame Resistance by Tablet Test	02-05-2024
187.	TXD/31/25547	Textiles — Continuous Filament Polypropylene Yarns — Specification	03-05-2024
188.	TXD/01/25573	Textiles — Synthetic Filament Yarns Electrostatic Propensity Evaluation by Measuring Electrical Resistance	08-05-2024
189.	TXD/01/25579	Textiles — Synthetic Filament Yarns Test Methods for Crimp Properties of Textured Yarns	08-05-2024
190.	TXD 09/25724	Textiles — Fibre Ropes for Offshore Stationkeeping — Part 4 : Polyarylate	22-05-2024
191.	TXD 09/25725	Textiles — Fibre Ropes for Offshore Stationkeeping — Part 5: Aramid	22-05-2024

ANNEX 17*(Item 8.2)***DRAFT STANDARDS FINALIZED**

Sl. No	Doc No.	Title
1	TXD/01/22893	Textiles — Cotton Fibres — Evaluation of Maturity — Microscopic Method (<i>Second Revision</i> of IS 236)
2	TXD/01/22997	Textiles — Fabrics — Determination of Width and Length (<i>Third Revision</i> of IS 1954)
3	TXD/01/22999	Textiles — Determination of the Recovery from Creasing of A Folded Specimen of Fabric by Measuring the Angle of Recovery Part 1 Method of the Horizontally Folded Specimen (<i>Second Revision</i> of IS 4681 Part 1)
4	TXD/01/23000	Textiles — Determination of the Recovery from Creasing of A Folded Specimen of Fabric by Measuring the Angle of Recovery Part 2 Method of the Vertically Folded Specimen (<i>Second Revision</i> of IS 4681 Part 2)
5	TXD/01/24585	Textiles — Methods for Determination of Universal Count of Jute Yarn (<i>Second Revision</i> of IS 570)
6	TXD/01/24586	Textile — Methods for Determination of Mass of Jute Fabrics (<i>Second Revision</i> of IS 2387)
7	TXD/01/24587	Textiles — Jute and Jute-Based Bags — Method for Drop Test (<i>First Revision</i> of IS 13035)
8	TXD/03/21242	Textiles — Jute and Polypropylene Union Bags for Packing 50 Kg Food Grains — Specification
9	TXD/04/21417	Textile Floor Coverings — Guidelines for Installation and Use on Stairs
10	TXD/04/21418	Textile Floor Coverings — Installation Practices — General
11	TXD/04/21419	Textile Floor Coverings — Water Impermeability Test
12	TXD/04/21420	Laminate Floor Coverings — Determination of Abrasion Resistance (<i>First Revision</i> of IS 17473)
13	TXD/04/24805	Textiles — Wool/Polypropylene and Wool/Nylon Blended Blankets — Specification (<i>First Revision</i> of IS 12848)
14	TXD/05/22093	Methods for Identification of Dope Dyed Polyester Textile Material
15	TXD/05/22094	Textiles — Domestic Washing and Drying Procedures for Textile Testing (<i>Second Revision</i> of IS 15370)

16	TXD/05/22095	Textiles — Determination of the Phthalate Content — Tetrahydrofuran Method (<i>First Revision</i> of IS 17529)
17	TXD/05/22096	Textiles — Determination of Short-Chain Chlorinated Paraffins (SCCP) and Middle-Chain Chlorinated Paraffins (MCCP) in Textile Products Out of Different Matrices by Use of Gas Chromatography Negative Ion Chemical Ionization Mass Spectrometry
18	TXD/05/22097	Method for Determination of Dimensional Changes on Washing of Knitted Goods Containing Wool (<i>Second Revision</i> of IS 1313)
19	TXD/05/22098	Methods for Determination of Wool Fibre Content of Raw Wool (<i>Second Revision</i> of IS 1349)
20	TXD/05/22099	Methods for Determination of Scouring Loss in Grey and Finished Cotton Textile Materials (<i>Second Revision</i> of IS 1383)
21	TXD/05/22100	Method for Determination of Barium Activity Number of Cotton Textile Materials (<i>Second Revision</i> of IS 1689)
22	TXD/05/22101	Method for Detection and Estimation of Damage in Cotton Yarn and Cordage Due to Micro-Organisms (<i>Second Revision</i> of IS 1815)
23	TXD/05/22467	Textiles — Quantitative Chemical Analysis — Part 4: Mixtures of Certain Protein Fibres With Certain Other Fibres (Method Using Hypochlorite)
24	TXD/05/22468	Textiles — Quantitative Chemical Analysis — Part 5: Mixtures of Viscose, Cupro or Modal and Cotton Fibres (Method Using Sodium Zincate)
25	TXD/05/22469	Textiles — Quantitative Chemical Analysis — Part 7: Mixtures of Polyamide With Certain Other Fibres (Method Using Formic Acid)
26	TXD/05/22470	Textiles — Quantitative Chemical Analysis — Part 8: Mixtures of Acetate and Triacetate Fibres (Method Using Acetone)
27	TXD/05/22472	Textiles — Quantitative Chemical Analysis — Part 9: Mixtures of Acetate With Certain Other Fibres (Method Using Benzyl Alcohol)
28	TXD/05/22471	Textiles — Quantitative Chemical Analysis — Part 10: Mixtures of Triacetate or Polylactide With Certain Other Fibres (Method Using Dichloromethane)
29	TXD/05/22477	Textiles — Quantitative Chemical Analysis — Part 6: Mixtures of Viscose, Certain Types of Cupro, Modal or Lyocell With Certain Other Fibres (Method Using Formic Acid and Zinc Chloride)
30	TXD/05/22478	Textiles — Quantitative Chemical Analysis — Part 11: Mixtures of Certain Cellulose Fibres With Certain Other Fibres (Method Using Sulfuric Acid)
31	TXD/05/22479	Textiles — Quantitative Chemical Analysis — Part 12: Mixtures of Acrylic, Certain Modacrylics, Certain Chlorofibres, Certain Elastane

		Fibres With Certain Other Fibres (Method Using Dimethylformamide)
32	TXD/05/22480	Textiles — Quantitative Chemical Analysis — Part 13: Mixtures of Certain Chlorofibres With Certain Other Fibres (Method Using Carbon Disulfide/Acetone)
33	TXD/05/22481	Textiles — Quantitative Chemical Analysis — Part 14: Mixtures of Acetate With Certain Other Fibres (Method Using Glacial Acetic Acid)
34	TXD/05/22711	Textile Fabrics — Determination of Resistance to Surface Wetting (Spray Test) (<i>Second Revision</i> of IS 390)
35	TXD/05/22482	Textiles — Quantitative Chemical Analysis — Part 15: Mixtures of Jute With Certain Animal Fibres (Method by Determining Nitrogen Content)
36	TXD/05/22483	Textiles — Quantitative Chemical Analysis — Part 16: Mixtures of Polypropylene Fibres With Certain Other Fibres (Method Using Xylene)
37	TXD/05/23047	Textiles — Quantitative Chemical Analysis — Part 17: Mixtures of Cellulose Fibres and Certain Fibres With Chlorofibres and Certain Other Fibres
38	TXD/05/23048	Textiles — Quantitative Chemical Analysis — Part 18: Mixtures of Silk With Wool or Other Animal Hair (Method Using Sulfuric Acid)
39	TXD/05/23051	Textiles — Quantitative Chemical Analysis — Part 19: Mixtures of Cellulose Fibres and Asbestos (Method by Heating)
40	TXD/05/23052	Textiles — Quantitative Chemical Analysis — Part 21: Mixtures of Chlorofibres, Certain Modacrylics, Certain Elastanes, Acetates, Triacetates With Certain Other Fibres (Method Using Cyclohexanone)
41	TXD/05/23097	Textiles — Quantitative Chemical Analysis — Part 22: Mixtures of Viscose or Certain Types of Cupro or Modal or Lyocell With Flax Fibres (Method Using Formic Acid and Zinc Chloride)
42	TXD/05/23053	Textiles — Quantitative Chemical Analysis — Part 24: Mixtures of Polyester and Certain Other Fibres (Method Using Phenol and Tetrachloroethane)
43	TXD/05/23054	Textiles — Quantitative Chemical Analysis — Part 25: Mixtures of Polyester With Certain Other Fibres (Method Using Trichloroacetic Acid and Chloroform)
44	TXD/05/23055	Textiles — Quantitative Chemical Analysis — Part 26: Mixtures of Melamine With Certain Other Fibres (Method Using Hot Formic Acid)

45	TXD/05/23056	Textiles — Quantitative Chemical Analysis — Part 27: Mixtures of Cellulose Fibres With Certain Other Fibres (Method Using Aluminium Sulfate)
46	TXD/05/23057	Textiles — Quantitative Chemical Analysis — Part 28: Mixtures of Chitosan With Certain Other Fibres (Method Using Diluted Acetic Acid)
47	TXD/05/23058	Textiles — Quantitative Chemical Analysis — Part 29: Mixtures of Polyamide With Polypropylene/Polyamide Bicomponent (Method Using Sulfuric Acid)
48	TXD/05/24259	Textiles and Textile Products — Test Method for Determination of Volatile Organic Compound — Head-Space and Automatic Liquid Sampler (ALS) Gas Chromatographic Method
49	TXD/05/23585	Textiles — Method for Determination of Colour Fastness of Textile Materials to Washing in the Presence of Sodium Hypochlorite (<i>Second Revision of IS 984</i>)
50	TXD/05/23588	Textiles — Methods for Determination of Colour Fastness of Textile Materials to Sublimation (<i>Second Revision of IS 975</i>)
51	TXD/05/23590	Textiles — Method for Determination of Colour Fastness of Disperse Dyes on Polyester Fabrics to Carbonization (<i>Second Revision of IS 11220</i>)
52	TXD/05/23592	Textiles — Methods for Testing Cotton Cordages for Resistance to Attack by Micro-Organisms (<i>Second Revision of IS 1386</i>)
53	TXD/05/23593	Textiles — Method for Estimation of Carboxylic Acid Groups in Cellulosic Textile Materials Part 1 Lodomeric Method (<i>Second Revision of IS 1560 Part 1</i>)
54	TXD/05/23594	Textiles — Method for Estimation of Carboxylic Acid Groups in Cellulosic Textile, Materials Part 2 Sodium Chloride — Sodium Bicarbonate Method (<i>Second Revision of IS 1560 Part 2</i>)
55	TXD/05/23596	Textiles — Method of Test for Evaluation of Insect Proofness of Woollen Textiles (<i>Second Revision of IS 7250</i>)
56	TXD/05/23597	Textiles — Testing of Jute Fabrics for Resistance to Attack by Micro — Organisms (<i>Third Revision of IS 1623</i>)
57	TXD/05/23598	Textiles — Method for Testing Jute Cordages for Resistance to Attack by Micro Organisms (<i>Second Revision of IS 1633</i>)
58	TXD/07/22712	Textiles — Determination of Index Ingredient from Coloured Textile (Part 2) : Turmeric
59	TXD/08/21105	Textiles — Handloom Cotton Mazri Cloth Loomstate — Specification (<i>Second Revision of IS 751</i>)

60	TXD/08/21106	Textiles — Handloom Cotton Muslin Bleached — Specification (<i>Second Revision</i> of IS 752)
61	TXD/08/22107	Textiles — Handloom Cotton Malmal — Specification (<i>Second Revision</i> of IS 755)
62	TXD/08/21118	Textiles — Handloom Cotton Dosuti and Ded-Suti Grey Scoured Bleached or Dyed — Specification (<i>Second Revision</i> of IS 756)
63	TXD/08/21108	Textiles — Handloom Cotton Ticking Cloth — Specification (<i>Second Revision</i> of IS 862)
64	TXD/08/21104	Textiles — Handloom Cotton Light Sheeting — Specification (<i>Second Revision</i> of IS 864)
65	TXD/08/21109	Textiles — Handloom Worsted Bunting Cloth — Specification (<i>Second Revision</i> of IS 889)
66	TXD/08/21110	Textiles — Handloom Worsted Shirting — Specification (<i>Second Revision</i> of IS 891)
67	TXD/08/21103	Textiles — Handloom Woollen Blankets Plain or Checked — Specification (<i>Second Revision</i> of IS 893)
68	TXD/08/20897	Textiles — Handloom Wool Blankets Brick Red — Specification (<i>Second Revision</i> Of IS 894)
69	TXD/08/20899	Textiles — Handloom Woollen Blanketing Cloth — Specification (<i>Second Revision</i> of IS 895)
70	TXD/08/20901	Textiles — Handloom Woollen Kamblies Loomstate — Specification (<i>Second Revision</i> of IS 896)
71	TXD/08/20808	Textiles — Handloom Cotton Dress Material Bleached Dyed Printed Striped or Checked — Specification (<i>Second Revision</i> of IS 1095)
72	TXD/08/21139	Textiles — Handloom Cotton Lining Cloth Dyed — Specification (<i>Second Revision</i> of IS 1099)
73	TXD/08/21140	Textiles — Handloom Cotton Long Cloth — Specification (<i>Second Revision</i> of IS 1244)
74	TXD/08/20788	Textiles — Handloom Cotton Pyjama Cloth Grey — Specification (<i>Second Revision</i> of IS 1245)
75	TXD/08/19822	Textiles — Handloom Woolen Tweed — Specification (<i>Second Revision</i> of IS 1265)
76	TXD/08/20790	Textiles — Handloom Serge — Specification (<i>Second Revision</i> of IS 1266)
77	TXD/08/20789	Textiles — Handloom Cotton Durries — Specification (<i>Third Revision</i> of IS 1450)
78	TXD/08/20785	Textiles — Handloom Cotton Mootus Striped or Checked — Specification (<i>Second Revision</i> of IS 1814)

79	TXD/08/21143	Textiles — Handloom Shoddy Woollen Blankets — Specification (<i>Second Revision</i> of IS 2157)
80	TXD/08/21141	Textile — Handloom Viscose Staple Fibre Shirting — Specification (<i>Second Revision</i> of IS 2159)
81	TXD/08/20784	Textiles — Handloom Viscose Staple Fibre Coating — Specification (<i>Second Revision</i> of IS 2160)
82	TXD/08/20791	Textiles — Handloom Filament Rayon Saris — Specification (<i>Second Revision</i> of IS 2172)
83	TXD/08/21111	Textiles — Handloom Shoddy Melton Cloth — Specification (<i>Second Revision</i> of IS 2173)
84	TXD/08/21112	Textiles — Handloom Pile Fabric — Specification (<i>Second Revision</i> of IS 2714)
85	TXD/08/21116	Textiles — Handloom Woollen Collar Cloth White — Specification (<i>Second Revision</i> of IS 2715)
86	TXD/08/20794	Textiles — Handloom Cotton Mix Saris — Specification (<i>Second</i> <i>Revision</i> of IS 8039)
87	TXD/08/20803	Textiles — Handloom Polyester Viscose Cotton Blended Woven Suitings for Uniforms — Specification (<i>First Revision</i> of IS 16673)
88	TXD/08/21144	Textiles — Blankets Wool Khadi and Woolpolyamide Blended Khadi — Specification (<i>Second Revision</i> of IS 4629)
89	TXD/09/20259	Textiles — Netting and Fibre Rope for Load Restraint Systems in Surface Transport — Specification (<i>First Revision</i> of IS 11927)
90	TXD/09/22565	Textiles — Sisal Ropes — Specification Part 2 Tarred Varieties (<i>Third Revision</i> of IS 1321 Part 2)
91	TXD/09/22566	Textiles — Braided Cotton Cord — Specification (<i>Third Revision</i> of IS 2819)
92	TXD/09/22567	Textiles — Code for Handling of Fibre Ropes (<i>Third Revision</i> of IS 4575)
93	TXD/09/22568	Textiles — Polyamide Cord — Specification (<i>Second Revision</i> of IS 9536)
94	TXD/09/22581	Textiles — HDPE Monofilament Twine Door Nets — Specification (<i>First Revision</i> of IS 11199)
95	TXD/09/22582	Textiles — Polypropylene Sutli — Specification (<i>Second Revision</i> of IS 13959)
96	TXD/13/21136	Textiles — Braided Cotton Cord for Aerospace Purposes — Specification (<i>Second Revision</i> of IS 1402)
97	TXD/13/21155	Textiles — Scoured or Dyed Cotton Tapes for Aerospace Purposes — Specification (<i>Second Revision</i> of IS 3255)

98	TXD/13/22872	Textiles — Nylon Sewing Threads for Aerospace Purposes — Specification (<i>Third Revision</i> of IS 4229)
99	TXD/13/22121	Textiles — Braided Nylon Cords for Aerospace Purposes — Specification (<i>Third Revision</i> of IS 4227)
100	TXD/14/22320	Textiles Machinery — Reed — Guide for Selection (<i>First Revision</i> of IS 12910)
101	TXD/14/22376	Textiles — Picking Nose Boss and Shell for Looms — Specification (<i>First Revision</i> of IS 8138)
102	TXD/14/22379	Textiles — Cams Faller Screw for Screw Gill Jute Drawing Frame — Specification (<i>First Revision</i> of IS 13221)
103	TXD/14/22381	Textiles — Spindle for Jute Cop Winding Machine — Specification (<i>First Revision</i> of IS 11510)
104	TXD/14/22382	Textiles — Faller Screws for Jute Drawing Frames — Specification (<i>First Revision</i> of IS 11512)
105	TXD/14/22384	Textiles — Pressing Roller Assembly for Jute Drawing Frame Specification (<i>First Revision</i> of IS 12885)
106	TXD/14/22385	Textiles — 4B Plastic Pickers — Specification (<i>First Revision</i> of IS 11933)
107	TXD/14/22388	Textiles — Picking Cone and Bolt for Looms — Specification (<i>First Revision</i> of IS 8139)
108	TXD/14/22389	Textiles — Loom Pickers — Specification (<i>First Revision</i> of IS 8545)
109	TXD/14/22390	Textiles — Shedding Tappets for Plain Calico Looms — Specification (<i>First Revision</i> of IS 8875)
110	TXD/14/22421	Textiles — Weft Pirns for Shuttles for Pirn-Changing Automatic Cotton Woollen and Worsted Looms — Specification (<i>Second Revision</i> of IS 4417)
111	TXD/14/22422	Textiles — Metal Heald Frames for Flat Steel Healds — Specification (<i>Third Revision</i> of IS 4465)
112	TXD/14/22423	Textiles — Accessories for Use in Shuttles for Plain Calico Loom — Specification (<i>First Revision</i> of IS 6268)
113	TXD/14/22455	Textiles — Bobbin Rail for Jute Spinning Frames — Specification (<i>First Revision</i> of IS 12890)
114	TXD/14/22460	Textiles — Heart Cam for Jute Spinning Frame — Specification (<i>First Revision</i> of IS 12886)
115	TXD/14/22461	Textiles — Faller Bars for Jute Drawing Frames — Specification (<i>First Revision</i> of IS 11508)
116	TXD/14/22462	Textiles — Boardsblanks for Sley Bottom Race Cap and Box Back of Cotton Looms — Specification (<i>First Revision</i> of IS 9794)

117	TXD/14/22491	Textiles — Perforated Strips for Take-Up Rollers — Specification (<i>First Revision</i> of IS 4438)
118	TXD/14/22492	Textiles — Inset Mail Wire Healds for Jute Weaving — Specification (<i>Third Revision</i> of IS 3825)
119	TXD/14/22493	Storage and Use of Textile Mill Leather Accessories — Code of Practice Part 1 Pickers (<i>First Revision</i> of IS 9244 Part 1)
120	TXD/14/22495	Textiles — Bare Cloth Take-Up Rollers for Plain Cotton Looms — Specification (<i>First Revision</i> of IS 3789)
121	TXD/14/22500	Textiles — Picking Sticks for Automatic and Underpick Looms — Specification (<i>Second Revision</i> of IS 4775)
122	TXD/14/22509	Textiles — Harness Dobby and Jacquard — Specification (<i>Second Revision</i> of IS 3340)
123	TXD/14/22511	Textiles — Cloth Rollers for Plain Calico Looms — Specification (<i>First Revision</i> of IS 3627)
124	TXD/14/22512	Textiles — Card and Gill Pins for Use in Jute Industry — Specification (<i>Second Revision</i> of IS 4909)
125	TXD/14/22513	Textiles — Springs for Plain Calico Looms — Specification (<i>First Revision</i> of IS 8137)
126	TXD/14/22514	Textiles — Wooden Shuttle Blocks for Non-Automatic Looms — Specification (<i>First Revision</i> of IS 9280)
127	TXD/14/22516	Textiles — Wooden Shuttle Blocks for Pirn-Changing Automatic Looms — Specification (<i>First Revision</i> of IS 9287)
128	TXD/14/22524	Textiles — Spindles With Bolsters for Charkhas — Specification (<i>First Revision</i> of IS 14677)
129	TXD/14/22525	Textiles — Accessories for Use in Shuttles for Pirn-Changing Automatic Cotton Looms — Specification (<i>First Revision</i> of IS 10795)
130	TXD/14/22526	Textiles — Side Weft Forks and Grates for Non-Automatic Looms — Specification (<i>First Revision</i> of IS 6254)
131	TXD/14/24702	Textiles — Bottom Rollers for Drafting Systems — Specification (<i>Fourth Revision</i> of IS 2510)
132	TXD/14/24703	Textiles — Shuttles for Jute Broad Looms — Specification (<i>Second Revision</i> of IS 2910)
133	TXD/14/24785	Textiles — Contact Wire Healds for Jute Weaving — Specification (<i>Second Revision</i> of IS 4462)
134	TXD/14/24689	Textiles — Double Flanged Bobbins Used in Woollen and Worsted Mills — Specification (<i>First Revision</i> of IS 5473)
135	TXD/14/24690	Textiles — Accessories for Use in Shuttles for Jute Looms — Specification (<i>First Revision</i> of IS 5944)
136	TXD/14/24786	Textiles — Nose Bars for Speed and Ring Spinning Frames — Specification (<i>Second Revision</i> of IS 6686)
137	TXD/14/24696	Textiles — Card Gauges — Specification (<i>Second Revision</i> of IS 6786)

138	TXD/14/24697	Textiles — Cots for Top Rollers — Specification (<i>First Revision</i> of IS 7175)
139	TXD/14/24789	Textiles — Drum Pulleys TR Pulleys Used in Ring Spinning and Doubling Frames — Specification (<i>First Revision</i> of IS 13560)
140	TXD/14/24790	Textiles — Ear-Shaped Nylon Travellers for Ring Doubling and Twisting — Specification (<i>First Revision</i> of IS 13561)
141	TXD/18/22501	Textiles — Guide for Fishing Gear Part 22 Datasheets for Troll Line (<i>First Revision</i> of IS 5508 Part 22)
142	TXD/18/22502	Textiles — Guide for Fishing Gear Part 23 26.8 M Two Seam Trawl (<i>First Revision</i> Of IS 5508 Part 23)
143	TXD/18/22503	Textiles — Guide for Fishing Gear Part 24 37.1 M Butterfly Trawl (<i>First Revision</i> of IS 5508 Part 24)
144	TXD/18/22504	Textiles — Fishing Gear Materials — Methods of Test Part 8 Determination of Sinking Speed (<i>First Revision</i> of IS 5815 Part 8)
145	TXD/18/22505	Textiles — Fishing Gear Materials — Methods of Test Part 9 Determination of Weathering Resistance (<i>First Revision</i> of IS 5815 Part 9)
146	TXD/18/22506	Fishing Nets — Method for Determination of Taper Ratio and Cutting Rate (<i>Second Revision</i> of IS 9945)
147	TXD/23/21629	Textiles — Monoaxially Oriented High Density Polyethylene (HDPE) and Polypropylene (PP) Tapes — Specification (<i>Third Revision</i> of IS 6192)
148	TXD/23/21922	Textiles — High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing Pesticides — Specification (<i>Third Revision</i> of IS 8069)
149	TXD/23/21923	Textiles — High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Fabrics — Specification (<i>Third Revision</i> of IS 6899)
150	TXD/23/22258	Textiles — Sandwich Extrusion Laminated Polypropylene (PP) Woven Sacks for Packaging Bulk Commodities — Specification
151	TXD/28/21156	Silk Fabrics — Dimensional Changes on Washing — Method for Determination (<i>Second Revision</i> of IS 3561)
152	TXD/30/22876	Geosynthetics — Geotextile Tubes for Coastal and Waterways Protection — Specification
153	TXD/31/21856	Women's and Girl's Woven Dress Fabrics Made of Man-Made Fibres And Their Blends — Specification (<i>First Revision</i> of IS 13297)
154	TXD/31/21912	Textiles — Cotton Sewing Thread — Specification (<i>Third Revision</i> of IS 1720)

155	TXD/31/21853	Textiles — Cotton Towelling and Towels — Specification (<i>Second Revision</i> of IS 7056)
156	TXD/31/23424	Textiles — Viscose Rayon Cut Staple Spun Yarn — Specification (<i>Second Revision</i> of IS 3566)
157	TXD/31/23953	Textiles — Elastomeric Yarn — Specification
158	TXD/31/24914	Textiles — Continuous Filament Polyamide (Nylon 6) Yarn — Specification (<i>Second Revision</i> of IS 7867)
159	TXD/31/24913	Textiles Bedsheets Pillow cover and Blanket Cover Specification
160	TXD 31 (23440).	Cotton Bales — Specification (Fourth Revision)
161	TXD/32/24728	ISO 16073-3:2019 Wildland firefighting personal protective equipment Requirements and test methods part 3: Clothing
162	TXD/32/24727	ISO 16073-4 : 2019 Wildland firefighting personal protective equipment Requirements and test methods Part 4: Gloves
163	TXD/32/24726	ISO 23616 : 2022 Cleaning Inspection and Repair of Firefighters Personal Protective Equipment PPE
164	TXD/32/22344	Textiles — Workwear for Cement Workwear — Specification
165	TXD/33/24348	Nonwovens — Test Methods — Part 1 Determination of Mass Per Unit Area (<i>First Revision</i> of IS 15891 Part 1)
166	TXD/33/24350	Nonwovens — Test Methods — Part 3 Determination of Tensile Strength and Elongation at Break Using the Strip Method (<i>First Revision</i> of IS 15891 Part 3)
167	TXD/33/24362	Nonwovens — Test Methods — Part 4 Determination of Tear Resistance by the Trapezoid Procedure (<i>First Revision</i> of IS 15891 Part 4)
168	TXD/33/24363	Nonwovens — Test Methods — Part 13 Repeated Liquid Strike-Through Time (Simulated Urine) (<i>First Revision</i> of IS 15891 Part 13)
169	TXD/33/24364	Nonwovens — Test Methods — Part 14 Coverstock Wetback (Simulated Urine) (<i>First Revision</i> of IS 15891 Part 14)
170	TXD/33/24366	Nonwovens — Test Methods — Part 18 Determination of Tensile Strength and Elongation at Break Using the Grab Tensile Test (<i>First Revision</i> of IS 15891 Part 18)
171	TXD/33/23148	Methods of Test for Coated and Treated Fabrics Part 14 Rubber- or Plastics-Coated Fabrics — Low Temperature Impact Test (<i>Second Revision</i> of IS 7016)
172	TXD/36/22151	Textiles — Determination of Antibacterial Activity of Textile Products (<i>First Revision</i> of IS/ISO 20743)
173	TXD/36/22466	Guidelines for Processing of Multiple-Use Healthcare Textiles
174	TXD/38/19260	Textiles — Cotton Tyre Cord and Tyre Cord Fabric for Cycle and Rickshaw — Specification
175	TXD/38/19235	Tyre Yarns, Cords and Tyre Cord Fabrics Made from Man-Made Fibres — Methods of Test Part 13 Static Adhesion of Textile Tyre Cord to Vulcanized Rubber (<i>First Revision</i> of IS 4910 Part 13)
176	TXD/38/21865	Textiles — Polyamide Yarn for Cycle and Rickshaw Tyres Specification

177	TXD/38/19571	Textiles — Car Body Covers — Specification
178	TXD/38/23115	Textiles - Polyamide Tyre Cord Fabric for Automotive Tyres Specification
179	TXD/38/23234	Textiles Dipped Polyamide Tyre Cord Fabric for Automotive Tyres Specification
180	TXD/40/20310	Textile — Glass Chopped-Strand Mats for Reinforcement of Plastics — Determination of Time of Dissolution of the Binder in Styrene
181	TXD/40/20311	Textile Glass — Mats (Made from Chopped or Continuous Strands) — Designation and Basis for Specifications
182	TXD/40/20314	Carbon Fibre — Determination of Tensile Properties of Resin-Impregnated Yarn
183	TXD/40/20315	Plastics — Reinforcement Fibres — Chopped Strands — Determination of Bulk Density
184	TXD/40/20316	Plastics — Glass-Fibre-Reinforced Products — Determination of Fibre Length
185	TXD/40/22321	Woven Roving Fabrics of ‘E’ Glass Fibre
186	TXD/40/22322	Textiles — Glass Fibre Rovings for the Reinforcement of Polyester, Phenolic, Vinyl Ester and of Epoxide Thermoset Resin Systems — Specification (<i>Second Revision</i> of IS 11320)
187	TXD/40/22326	Textiles — Glass Fibre Chopped Strand Mat for the Reinforcement of Epoxy, Vinyl Ester, Phenolic and Polyester Thermoset Resin Systems — Specification (Second Revision of IS 11551)
188	TXD/09/24437	Fibre Ropes High Modulus Polyethylene 8-Strand Braided Ropes 12-Strand Braided Ropes and Covered Ropes

ANNEX 18*(Item 8.2)***DRAFT STANDARDS SENT TO PRINTING**

Sl. No.	Doc No.	Title	Date of sending
1.	TXD/01/20637	Textile Fibres — Determination of Breaking Force and Elongation at Break of Individual Fibres (<i>third revision of IS 235</i>)	25-05-2023
2.	TXD/03/21281	Textiles — D.W. Tarpaulin Jute Bags for Packing (Mint) Coins — Specification (<i>first revision of IS 3344</i>)	25-05-2023
3.	TXD/03/21282	Textiles — D.W. Flour Jute Cloth — Specification (<i>first revision of IS 3966</i>)	25-05-2023
4.	TXD/03/21283	Textiles — Jute Canvas Postal Bags — Specification (<i>first revision of IS 11193</i>)	25-05-2023
5.	TXD/03/21285	Jute — Glossary of Terms (<i>second revision of IS 5476</i>)	25-05-2023
6.	TXD/36/21299	Medical Textiles — Grey, Hospital Flannel — Specification (<i>fourth revision of IS 674</i>)	25-05-2023
7.	TXD/36/21300	Medical Textiles — Absorbent Cotton Gauze — Specification (<i>fifth revision of IS 758</i>)	25-05-2023
8.	TXD/36/21301	Medical Textiles — Cotton Bandage Cloth — Specification (<i>third revision of IS 863</i>)	25-05-2023
9.	TXD/36/21302	Medical Textiles — Zinc Oxide Elastic Adhesive Bandage — Specification (<i>second revision of IS 4739</i>)	25-05-2023
10.	TXD/36/21303	Medical Textiles — Bandage Suspensory — Specification (<i>first revision of IS 9751</i>)	25-05-2023
11.	TXD/20/21318	Textiles — Care Labelling Code Using Symbols (<i>second revision of IS 14452</i>)	08-06-2023
12.	TXD/20/21414	Performance Evaluation Protocol for Digital fitting Systems Part 1 Accuracy of virtual Human Body Representation	08-06-2023
13.	TXD/20/21416	Performance Evaluation Protocol for Digital fitting Systems Part 2 Virtual Garment	08-06-2023
14.	TXD/20/18199	Textiles — Nylon Orange Airmail Bags — Specification (<i>first revision of IS 11054</i>)	08-06-2023
15.	TXD/28/20628	Silk and Silk Processing Glossary of Terms	22-06-2023
16.	TXD/36/22151	Textiles — Determination of Antibacterial Activity of Textile Products (<i>first revision of IS/ISO 20743</i>)	26-06-2023
17.	TXD/30/19403	Geosynthetics — Prefabricated Vertical Drains for quick Consolidation of very Soft Plastic soil — Specification	26-06-2023
18.	TXD/30/20465	Geosynthetics — Reinforced Soil Structures — Code of Practice	16-07-2023

19.	TXD/05/22096	Textiles — Determination of Short-Chain Chlorinated Paraffins (SCCP) and Middle-Chain Chlorinated Paraffins (MCCP) in Textile Products Out of Different Matrices by Use of Gas Chromatography Negative Ion Chemical Ionization Mass Spectrometry (GC-NCI-MS)	23-07-2023
20.	TXD/05/22130	Textiles — Quantitative Chemicals Analysis — Ternary Fibre Mixtures (<i>second revision</i> of IS 6503)	23-07-2023
21.	TXD/05/22131	Textiles — Quantitative Chemical Analysis — Mixtures of Acetate with Certain other Fibres (Method Using Acetone) (<i>second revision</i> of IS 2176)	23-07-2023
22.	TXD/05/22094	Textiles — Domestic Washing and Drying Procedures for Textile Testing (<i>second revision</i> of IS 15370)	24-07-2023
23.	TXD/05/22095	Textiles — Determination of the Phthalate Content — Tetrahydrofuran Method (<i>first revision</i> of IS 17529)	24-07-2023
24.	TXD/28/20889	Handloom Silk Dhoti and Printed Sari — Specification (<i>second revision</i> of IS 1583)	01-08-2023
25.	TXD/38/19155	Tyre Yarns, Cords and Tyre Cord Fabrics Made from Man-Made Fibres — Methods of Test Part 11 Commercial Mass (<i>second revision</i> of IS 4910 (Part 11))	11-08-2023
26.	TXD/08/20803	Textiles — Handloom Polyester Viscose/Cotton Blended Woven Suitings for Uniforms — Specification (<i>first revision</i> of IS 16673)	16-08-2023
27.	TXD/08/20789	Textiles — Handloom Cotton Durries — Specification (<i>third revision</i> of IS 1450)	16-08-2023
28.	TXD/08/20784	Textiles — Handloom Viscose Staple Fibre Coating — Specification (<i>second revision</i> of IS 2160)	16-08-2023
29.	TXD/08/20785	Textiles — Handloom Cotton Mootus, Striped or Checked — Specification (<i>second revision</i> of IS 1814)	16-08-2023
30.	TXD/08/21107	Textiles — Handloom Cotton Malmal — Specification (<i>second revision</i> of IS 755)	16-08-2023
31.	TXD/08/21109	Textiles — Handloom Worsted Bunting Cloth — Specification (<i>second revision</i> of IS 889)	16-08-2023
32.	TXD/08/21118	Textiles — Handloom Cotton Dosuti and Ded-Suti, Grey, Scoured, Bleached or Dyed — Specification (<i>second revision</i> of IS 756)	16-08-2023
33.	TXD/08/21141	Textiles — Handloom Viscose Staple Fibre Shirting — Specification (<i>second revision</i> of IS 2159)	16-08-2023
34.	TXD/08/21143	Textiles — Handloom Shoddy Woollen Blankets — Specification (<i>second revision</i> of IS 2157)	16-08-2023
35.	TXD/08/20808	Textiles — Handloom Cotton Dress Material, Bleached, Dyed, Printed, Striped or Checked — Specification (<i>second revision</i> of IS 1095)	21-08-2023

36.	TXD/08/20899	Textiles — Handloom Woollen Blanketing Cloth — Specification (<i>second revision</i> of IS 895)	21-08-2023
37.	TXD/08/20790	Textiles — Handloom Serge — Specification (<i>second revision</i> of IS 1266)	21-08-2023
38.	TXD/08/20791	Textiles — Handloom Filament Rayon Saris — Specification (<i>second revision</i> of IS 2172)	21-08-2023
39.	TXD/08/20794	Textiles — Handloom Cotton Mix Saris — Specification (<i>second revision</i> of IS 8039)	21-08-2023
40.	TXD/08/20897	Textiles — Handloom Wool Blankets Brick Red — Specification (<i>second revision</i> of IS 894)	21-08-2023
41.	TXD/08/20901	Textiles — Handloom Woollen Kamblies (Loomstate) — Specification (<i>second revision</i> of IS 896)	21-08-2023
42.	TXD/08/21104	Textiles — Handloom Cotton Light Sheeting — Specification (<i>second revision</i> of IS 864)	21-08-2023
43.	TXD/08/21105	Textiles — Handloom Cotton Mazri Cloth (Loomstate) — Specification (<i>second revision</i> of IS 751)	21-08-2023
44.	TXD/08/21106	Textiles — Handloom Cotton Muslin, Bleached — Specification (<i>second revision</i> of IS 752)	21-08-2023
45.	TXD/08/21110	Textiles — Handloom Worsted Shirting — Specification (<i>second revision</i> of IS 891)	21-08-2023
46.	TXD/08/21111	Textiles — Handloom Shoddy Melton Cloth — Specification (<i>second revision</i> of IS 2173)	21-08-2023
47.	TXD/08/21112	Textiles — Handloom Pile Fabric — Specification (<i>second revision</i> of IS 2714)	21-08-2023
48.	TXD/08/21116	Textiles — Handloom Woollen Collar Cloth, White — Specification (<i>second revision</i> of IS 2715)	21-08-2023
49.	TXD/08/21139	Textiles — Handloom Cotton Lining Cloth, Dyed — Specification (<i>second revision</i> of IS 1099)	21-08-2023
50.	TXD/08/21144	Textiles — Blankets, Wool and Wool/Polyamide <i>Khadi</i> — Specification (<i>second revision</i> of IS 4629)	21-08-2023
51.	TXD/08/20788	Textiles — Handloom Cotton Pyjama Cloth, Grey — Specification (<i>second revision</i> of IS 1245)	23-08-2023
52.	TXD08/19822	Textile — Handloom Woollen Tweed — Specification (<i>second revision</i> of IS 1265)	23-08-2023
53.	TXD/08/21108	Textiles — Handloom Cotton Ticking Cloth — Specification (<i>second revision</i> of IS 862)	23-08-2023
54.	TXD/08/21140	Textiles — Handloom Cotton Long Cloth — Specification (<i>second revision</i> of IS 1244)	23-08-2023
55.	TXD/14/22509	Textiles — Harness (Dobby and Jacquard) — Specification (<i>second revision</i> of IS 3340)	23-08-2023

56.	TXD/08/21103	Textiles — Handloom Woollen Blankets, Plain or Checked — Specification (<i>second revision</i> of IS 893)	28-08-2023
57.	TXD/33/23193	Rubber or Plastics Coated Fabrics — Methods of Test Part 16 Determination of Abrasion Resistance Using Martindale Abrader	28-08-2023
58.	TXD/33/23195	Rubber or Plastics Coated Fabrics — Methods of Test Part 17 Determination of Resistance to Ozone Cracking Under Static Conditions	28-08-2023
59.	TXD/33/23196	Rubber or Plastics Coated Fabrics — Methods of Test Part 18 Determination of Resistance to Combined Shear Flexing and Rubbing	28-08-2023
60.	TXD/33/23197	Rubber or Plastics Coated Fabrics — Methods of Test Part 19 Determination of Resistance to Liquids	28-08-2023
61.	TXD/33/23198	Rubber or Plastics Coated Fabrics — Methods of Test Part 20 Determination of Fogging Characteristics of Trim Materials in the Interior of Automobiles	28-08-2023
62.	TXD/33/23199	Rubber or Plastics Coated Fabrics — Methods of Test Part 21 Measurement of Gas Permeability	28-08-2023
63.	TXD/33/23200	Rubber or Plastics Coated Fabrics — Methods of Test Part 22 Physical and Mechanical Test — Determination of Bending Force	28-08-2023
64.	TXD/33/23201	Rubber or Plastics Coated Fabrics — Methods of Test Part 23 Determination of Flex Resistance by the Flexometer Method	28-08-2023
65.	TXD/14/22385	Textiles — 4B Plastic Pickers — Specification (<i>first revision</i> of IS 11933)	28-08-2023
66.	TXD/14/22460	Textiles — Heart Cam for Jute Spinning Frame — Specification (<i>first revision</i> of IS 12886)	28-08-2023
67.	TXD/14/22461	Textiles — Faller Bars for Jute Drawing Frames — Specification (<i>first revision</i> of IS 11508)	28-08-2023
68.	TXD/14/22491	Textiles — Perforated Strips for Take-up Rollers — Specification (<i>first revision</i> of IS 4438)	28-08-2023
69.	TXD/14/22492	Textiles — Inset Mail Wire Healds for Jute Weaving — Specification (<i>third revision</i> of IS 3825)	28-08-2023
70.	TXD/14/22493	Storage and Use of Textile Mill Leather Accessories — Code of Practice Part 1 Pickers (<i>first revision</i> of IS 9244 Part 1)	28-08-2023
71.	TXD/14/22500	Textiles — Picking Sticks for Automatic and Under pick Looms — Specification (<i>second revision</i> of IS 4775)	28-08-2023
72.	TXD/14/22513	Textiles — Springs for Plain Calico Looms — Specification (<i>first revision</i> of IS 8137)	28-08-2023
73.	TXD/14/22524	Textiles — Spindles with Bolsters for Charkha — Specification (<i>first revision</i> of IS 14677)	28-08-2023

74.	TXD/14/22376	Textiles — Picking Nose, Boss and Shell for Looms — Specification (<i>first revision</i> of IS 8138)	30-08-2023
75.	TXD/14/22381	Textiles — Spindle for Jute Cop Winding Machine — Specification (<i>first revision</i> of IS 11510)	30-08-2023
76.	TXD/14/22384	Textiles — Pressing Roller Assembly for Jute Drawing Frame — Specification (<i>first revision</i> of IS 12885)	30-08-2023
77.	TXD/14/22388	Textiles — Picking Cone And Bolt for Looms — Specification (<i>first revision</i> of IS 8139)	30-08-2023
78.	TXD/14/22389	Textiles — Looms Pickers — Specification (<i>first revision</i> of IS 8545)	30-08-2023
79.	TXD/14/22390	Textiles — Shedding Tappets for Plain Calico Looms — Specification (<i>first revision</i> of IS 8875)	30-08-2023
80.	TXD/14/22455	Textiles — Bobbin Rail for Jute Spinning Frames — Specification (<i>first revision</i> of IS 12890)	30-08-2023
81.	TXD/14/22511	Textiles — Cloth Rollers for Plain Calico Looms — Specification (<i>first revision</i> of IS 3627)	30-08-2023
82.	TXD/14/22514	Textiles — Wooden Shuttle Blocks for Non-Automatic Looms — Specification (<i>first revision</i> of IS 9280)	30-08-2023
83.	TXD/14/22516	Textiles — Wooden Shuttle Blocks for Pirn-Changing Automatic Looms — Specification (<i>first revision</i> of IS 9287)	30-08-2023
84.	TXD/31/23440	Cotton Bales — Specification (<i>fourth revision</i> of IS 12171)	02-09-2023
85.	TXD/38/19157	Tyre Yarns, Cords and Tyre Cord Fabrics Made from Man-Made Fibres — Methods of Test Part 12 Sampling for Tyre Yarns, Cords and Tyre Cord Fabrics Made from Polyamide (<i>first revision</i> of IS 4910 (Part 12))	02-09-2023
86.	TXD/40/22321	Textiles — Woven Roving Fabrics of ‘E’ and ‘ECR’ Glass Fibre — Specification (<i>second revision</i> of IS 11273)	05-09-2023
87.	TXD/40/22322	Textiles — Glass Fibre Rovings for the Reinforcement of Polyester, Phenolic, Vinyl Ester and of Epoxide Thermoset Resin Systems — Specification (<i>second revision</i> of IS 11320)	05-09-2023
88.	TXD/40/22326	Textiles — Glass Fibre Chopped Strand Mat for the Reinforcement of Epoxy, Vinyl Ester, Phenolic and Polyester Thermoset Resin Systems — Specification (<i>second revision</i> of IS 11551)	05-09-2023
89.	TXD/14/22320	Textiles Machinery — Reed — Guide for Selection (<i>first revision</i> of IS 12910)	09-09-2023
90.	TXD/14/22379	Textiles — Cams, Faller Screw for Screw Gill Jute Drawing Frame — Specification (<i>first revision</i> of IS 13221)	09-09-2023
91.	TXD/40/20310	Textiles — Glass Chopped-Strand Mats for Reinforcement of Plastics — Determination of Time of Dissolution of the Binder in Styrene	11-09-2023

92.	TXD/40/20311	Textile Glass — Mats (Made from Chopped or Continuous Strands) Designation and Basis for Specification	11-09-2023
93.	TXD/40/20314	Carbon Fibre — Determination of Tensile Properties of Resin-Impregnated Yarn	11-09-2023
94.	TXD/40/20315	Plastics — Reinforcement Fibres — Chopped Strands — Determination of Bulk Density	11-09-2023
95.	TXD/40/20316	Plastics — Glass-Fibre-Reinforced Products — Determination of Fibre Length	11-09-2023
96.	TXD/31/21856	Women's and Girl's Woven Dress Fabrics Made of Man-made Fibres and their Blends — Specification (<i>first revision of IS 13297</i>)	11-09-2023
97.	TXD/14/22462	Textiles — Boards/Blanks for Sley Bottom, Race, Cap and Box Back of Cotton Looms — Specification (<i>first revision of IS 9794</i>)	11-09-2023
98.	TXD/05/22093	Textiles — Dope Dyed Polyester Material — Identification Method	11-09-2023
99.	TXD/05/22097	Method for Determination of Dimensional Changes on Washing of Knitted Goods Containing Wool (<i>second revision of IS 1313</i>)	11-09-2023
100.	TXD/05/22098	Methods for Determination of Wool Fibre Content of Raw Wool (<i>second revision of IS 1349</i>)	11-09-2023
101.	TXD/07/21065	Textile Dyestuffs — Method for Determination of Strength of Homogeneous Vat Dyestuffs (<i>second revision of IS 4394</i>)	14-09-2023
102.	TXD/07/21067	Textile Dyestuffs — Determination of Dispersibility of Disperse Dyes (<i>first revision of IS 13626</i>)	14-09-2023
103.	TXD/07/21066	Textile Dyestuffs — Method for Determination of Strength of Disperse Dyes for Polyester by Screen Printing (<i>first revision of IS 11635</i>)	14-09-2023
104.	TXD/07/21068	Textile Dystuffs — Method for Determination of Relative Colour Strength of Dyes in Solution (<i>first revision of IS 14444</i>)	14-09-2023
105.	TXD/07/21069	Textile Dyestuffs — Determination of Solution Stability of Relative Dyes in Presence of Electrolytes (<i>first revision of IS 14464</i>)	14-09-2023
106.	TXD/07/21070	Textile Auxiliaries — Urea Formaldehyde Resin — Specification (<i>first revision of IS 13948</i>)	14-09-2023
107.	TXD/07/21071	Textile Auxiliaries — Dimethylol Ethylene Urea (DMEU) Reactant — Specification (<i>first revision of IS 13950</i>)	14-09-2023
108.	TXD/07/21072	Textile Auxiliaries — Dimethylol Dihydroxy Ethylene Urea (DMDHEU) Reactant — Specification (<i>first revision of IS 13949</i>)	14-09-2023

109.	TXD/07/21073	Textile Auxiliaries — Detection and Estimation of Silicone Emulsions — Methods of Test (<i>first revision</i> of IS 14565)	14-09-2023
110.	TXD/07/21074	Textile Auxiliaries — Silicone Emulsion — Specification (<i>first revision</i> of 14742)	14-09-2023
111.	TXD/07/21075	Textile Dyestuffs — Methods for Determination of Strength of Basic Dyes (<i>first revision</i> of IS 12387)	14-09-2023
112.	TXD/07/21076	Textile Dyestuffs — Identification of Application Classes of Dyestuffs in Substance (<i>first revision</i> of IS 13361)	14-09-2023
113.	TXD/07/21079	Textile Dyestuffs — Determination of Solubility of Water-Soluble Dyes (<i>first revision</i> of IS 13627)	14-09-2023
114.	TXD/07/21080	Textile Dyestuffs — Evaluation of Disperse Dyes, Vat Dyes and Pigments Migration (<i>first revision</i> of IS 14465)	14-09-2023
115.	TXD/07/21081	Textile Auxiliaries — Polyvinyl Alcohol for Industry — Specification (<i>first revision</i> of IS 11840)	14-09-2023
116.	TXD/07/21082	Textile Auxiliaries — Thin Boiling Starch — Specification (<i>first revision</i> of IS 14952)	14-09-2023
117.	TXD/07/21083	Textile Auxiliaries — Trimethylol Mealmine Formaldehyde Resin for Textile Industry — Specification (<i>first revision</i> of IS 14699)	14-09-2023
118.	TXD/07/21123	Textile Auxiliaries — Dextrins for Textile Industry (Including British Gum) — Specification (<i>second revision</i> of IS 5448)	14-09-2023
119.	TXD/07/21124	Preservative Treatments of Textiles — Code of Practice (<i>first revision</i> of IS 11662)	14-09-2023
120.	TXD/07/21125	Textile Auxiliaries — Laundry Strach — Specification (<i>first revision</i> of IS 9906)	14-09-2023
121.	TXD/05/22099	Methods for Determination of Scouring Loss in Grey and Finished Cotton Textile Materials (<i>second revision</i> of IS 1383)	15-09-2023
122.	TXD/05/22100	Method for Determination of Barium Activity number of Cotton Textile Materials (<i>second revision</i> of IS 1689)	15-09-2023
123.	TXD/05/22107	Methods for Determining the Desizing Efficiency and the Relative Efficiency of Amylolytic Enzymes (<i>second revision</i> of IS 647)	15-09-2023
124.	TXD/14/22382	Textiles — Faller Screws for Jute Drawing Frames — Specification (<i>first revision</i> of IS 11512)	27-09-2023
125.	TXD/14/22512	Textiles — Card and Gill Pins for Use in Jute Industry — Specification (<i>second revision</i> of IS 4909)	27-09-2023
126.	TXD/14/22495	Textiles — Bare Cloth Take-up Rollers for Plain Cotton Looms — Specification (<i>first revision</i> of IS 3789)	02-10-2023
127.	TXD/05/22101	Method for Detection and Estimation of Damage in Cotton Yarn and Cordage Due to Micro-Organisms (<i>second revision</i> of IS 1815)	02-10-2023

128.	TXD/14/22423	Textiles — Accessories for Use in Shuttles for Plain Calico Loom — Specification (<i>first revision</i> of IS 6268)	06-10-2023
129.	TXD/14/22526	Textiles — Side Weft Forks and Grates for Non Automatic Looms — Specification (<i>first revision</i> of IS 6254)	06-10-2023
130.	TXD/23/21629	Textiles — Monoaxially Oriented High Density Polyethylene (HDPE)/Polypropylene (PP) Tapes — Specification (<i>third revision</i> of IS 6192)	13-10-2023
131.	TXD/23/21922	Textiles — High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packing Pesticides — Specification (<i>third revision</i> of IS 8069)	13-10-2023
132.	TXD/23/21923	Textile — High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Fabrics — Specification (<i>third revision</i> of IS 6899)	13-10-2023
133.	TXD/23/22258	Textiles — Sandwich Extrusion Laminated Polypropylene (PP) Woven Sacks for Packaging Bulk Commodities — Specification	13-10-2023
134.	TXD/31/23424	Textiles — Viscose Rayon Cut Staple (Spun) Yarn — Specification (<i>second revision</i> of IS 3566)	20-10-2023
135.	TXD/14/22525	Textiles — Accessories for Use in Shuttles for Pirn-Changing Automatic Cotton Looms — Specification (<i>first revision</i> of IS 10795)	20-10-2023
136.	TXD/05/22467	Textiles — Quantitative Chemical Analysis — Mixtures of Certain Protein Fibres with Certain Other Fibres (Method Using Hypochlorite) (<i>third revision</i> of IS 2006)	24-10-2023
137.	TXD/05/22468	Textiles — Quantitative Chemical Analysis — Mixtures of Viscose Cupro or Modal and Cotton Fibres Method Using Sodium Zincate (<i>second revision</i> of IS 1889 Part 1)	24-10-2023
138.	TXD/05/22469	Textiles — Quantitative Chemical Analysis — Mixtures of Polyamide with Certain Other Fibres (Method Using Formic Acid)(<i>second revision</i> of IS 2005)	24-10-2023
139.	TXD/05/22470	Textiles — Quantitative Chemical Analysis — Mixtures of Acetate and Triacetate Fibres (Method Using Acetone) (<i>second revision</i> of IS 2177)	24-10-2023
140.	TXD/05/22471	Textiles — Quantitative Chemical Analysis — Mixtures of Triacetate or Polylactide with Certain other Fibres (Method Using Dichloromethane) (<i>second revision</i> of IS 1564)	24-10-2023
141.	TXD/05/22472	Textiles — Quantitative Chemical Analysis — Mixtures of Acetate with Certain other Fibres Method Using Benzyl Alcohol	24-10-2023
142.	TXD/05/22477	Textiles — Quantitative Chemical Analysis — Mixtures of Viscose, Certain Types of Cupro, Modal or Lyocell with Certain Other Fibres Method Using Formic Acid and Zinc Chloride	24-10-2023

143.	TXD/05/22478	Textiles — Quantitative Chemical Analysis — Mixtures of Certain Cellulose Fibres with Certain other Fibres (Method Using Sulfuric Acid) (<i>third revision</i> of IS 3416)	24-10-2023
144.	TXD/05/22479	Textiles — Quantitative Chemical Analysis — Mixtures Of Certain Cellulose Fibres With Certain Other Fibres (Method Using Sulfuric Acid) (First Revision)	24-10-2023
145.	TXD/05/22480	Textiles — Quantitative Chemical Analysis — Mixtures of Certain Chlorofibres with Certain other Fibres Method Using Carbon Disulfide/Acetone	24-10-2023
146.	TXD/05/22481	Textiles — Quantitative Chemical Analysis — Mixtures of Acetate with Certain Other Fibres Method Using Glacial Acetic Acid	24-10-2023
147.	TXD/05/22711	Textile Fabrics — Determination of Resistance to Surface Wetting (Spray Test) (<i>second revision</i> of IS 390)	24-10-2023
148.	TXD/14/22421	Textiles — Weft Pirns for Shuttles for Pirn-Changing Automatic Cotton, Woollen and Worsted Looms — Specification (<i>second revision</i> of IS 4417)	24-10-2023
149.	TXD/14/22422	Textiles — Metal Heald Frames for Flat Steel Healds — Specification (<i>third revision</i> of IS 4465)	03-11-2023
150.	TXD/38/19235	Tyre Yarns Cords and Tyre Cord Fabrics Made from Man-Made Fibres Methods of Test Part 13 Static Adhesion of Textile Tyre Cord to Vulcanized Rubber	09-11-2023
151.	TXD/05/22482	Textiles — Quantitative Chemical Analysis — Mixtures of Jute with Certain Animal Fibres (Method by Determining Nitrogen Content) (<i>first revision</i> of IS 6570)	19-11-2023
152.	TXD/05/22483	Textiles — Quantitative Chemical Analysis — Mixtures of Polypropylene Fibres with Certain Other Fibres (Method Using Xylene) (<i>first revision</i> of IS 9896)	19-11-2023
153.	TXD/05/23047	Textiles — Quantitative Chemical Analysis — Mixtures of Cellulose Fibres and Certain Fibres with Chlorofibres and Certain other Fibres Method Using Concentrated Sulfuric Acid	19-11-2023
154.	TXD/05/23048	Textiles — Quantitative Chemical Analysis — Mixtures of Silk with Wool or Other Animal Hair (Method Using Sulphuric Acid) (<i>second revision</i> of IS 9889)	19-11-2023
155.	TXD/05/23051	Textiles — Quantitative Chemical Analysis — Mixtures of Cellulose Fibres and Asbestos Method by Heating	19-11-2023
156.	TXD/05/23052	Textiles — Quantitative Chemical Analysis — Mixtures of Chlorofibres, Certain Modacrylics, Certain Elastanes, Acetates, Triacetates with Certain other Fibres Method Using Cyclohexanone	19-11-2023
157.	TXD/05/23053	Textiles — Quantitative Chemical Analysis — Mixtures of Polyester and Certain other Fibres Method Using Phenol and Tetrachloroethane	19-11-2023

158.	TXD/05/23054	Textiles — Quantitative Chemical Analysis — Mixtures of Polyester with Certain other Fibres Method Using Trichloroacetic Acid and Chloroform	19-11-2023
159.	TXD/05/23055	Textiles — Quantitative Chemical Analysis — Mixtures of Melamine with Certain other Fibres Method Using Hot Formic Acid	19-11-2023
160.	TXD/05/23056	Textiles — Quantitative Chemical Analysis — Mixtures of Cellulose Fibres with Certain Other Fibres Method Using Aluminium Sulfate	19-11-2023
161.	TXD/05/23057	Textiles — Quantitative Chemical Analysis — Mixtures of Chitosan with Certain other Fibres Method Using Diluted Acetic Acid	19-11-2023
162.	TXD/05/23058	Textiles — Quantitative Chemical Analysis — Mixtures of Polyamide with Polypropylene/Polyamide Bicomponent Method Using Sulfuric Acid	19-11-2023
163.	TXD/05/23097	Textiles — Quantitative Chemical Analysis — Mixtures of Viscose or Certain Types of Cupro or Modal or Lyocell with Flax Fibres Method Using Formic Acid and Zinc Chloride	19-11-2023
164.	TXD/03/21242	Textiles — Jute and Polypropylene Blended Bags for Packing 50 Kg Food Grains — Specification	19-11-2023
165.	TXD/36/22466	Guidelines for Processing of Multiple-use Healthcare Textiles	19-11-2023
166.	TXD/09/20259	Textiles — Netting and Fibre Rope for Load Restraint Systems in Surface Transport — Specification (<i>third revision of IS 11927</i>)	21-11-2023
167.	TXD/09/22565	Textiles — Sisal Ropes — Specification Part 2 Tarred Varieties (<i>third revision of IS 1321 Part 2</i>)	21-11-2023
168.	TXD/09/22566	Textiles — Braided Cotton Cord — Specification (<i>third revision of IS 2819</i>)	21-11-2023
169.	TXD/09/22567	Textiles — Code for Handling of Fibre Ropes (<i>third revision of IS 4575</i>)	21-11-2023
170.	TXD/09/22568	Textiles — Polyamide Cord — Specification (<i>Second Revision of IS 9536</i>)	21-11-2023
171.	TXD/09/22581	Textiles — High Density Polyethylene (HDPE) Monofilament Twine Door Nets — Specification (<i>first revision of IS 11199</i>)	21-11-2023
172.	TXD/09/22582	Textiles — Polypropylene Sutli — Specification (<i>first revision of IS 13959</i>)	21-11-2023
173.	TXD/38/19260	Textiles — Cotton Tyre Cord and Tyre Cord Fabric for Cycle and Rickshaw — Specification (<i>second revision of IS 7133</i>)	04-12-2023
174.	TXD/04/21417	Textile Floor Coverings — Guidelines for Installation and Use on Stairs	05-12-2023

175.	TXD/04/21418	Textile Floor Coverings — Installation Practices — General	05-12-2023
176.	TXD/04/21419	Textile Floor Coverings — Water Impermeability Test	05-12-2023
177.	TXD/04/21420	Laminate Floor Coverings — Determination of Abrasion Resistance (<i>first revision</i> of IS 17473)	05-12-2023
178.	TXD/04/20292	Textile Floor Covering — Hand-Made Namdhas — Specification (<i>second revision</i> of IS 4392)	11-12-2023
179.	TXD/18/22501	Textiles — Fishing Gear — Guide Part 22 Datasheets for Troll Line (<i>first revision</i> of IS 5508 Part 22)	11-12-2023
180.	TXD/28/21156	Silk Fabrics — Dimensional Changes on Washing — Method for Determination (<i>second revision</i> of IS 3561)	17-12-2023
181.	TXD/18/22502	Textiles — Fishing Gear — Guide Part 23 26.8 Metre Two Seam Trawl (<i>first revision</i> of IS 5508 Part 23)	17-12-2023
182.	TXD/18/22503	Textiles — Fishing Gear — Guide Part 24 37.1 Metre Butterfly Trawl (<i>first revision</i> of IS 5508 Part 24)	17-12-2023
183.	TXD/18/22504	Textiles — Fishing Gear Materials — Methods of Test Part 8 Determination of Sinking Speed (<i>first revision</i> of IS 5815 Part 8)	17-12-2023
184.	TXD/18/22505	Textiles — Fishing Gear Materials — Methods of Test Part 9 Determination of Weathering Resistance (<i>first revision</i> of IS 5815 Part 9)	17-12-2023
185.	TXD/18/22506	Fishing Nets — Method for Determination of Taper Ratio and Cutting Rate (<i>second revision</i> of IS 9945)	17-12-2023
186.	TXD/01/22997	Textiles — Fabrics — Determination of Width and Length (<i>third revision</i> of IS 1954)	20-12-2023
187.	TXD/01/22999	Textiles — Determination of the Recovery from Creasing of a Folded Specimen of Fabric by Measuring the Angle of Recovery Part 1 Method of the Horizontally Folded Specimen (<i>second revision</i> of IS 4681 Part 1)	20-12-2023
188.	TXD/01/23000	Textiles — Determination of the Recovery from Creasing of a Folded Specimen of Fabric by Measuring the Angle of Recovery Part 2 Method of the Vertically Folded Specimen (<i>second revision</i> of IS 4681 Part 2)	20-12-2023
189.	TXD/01/22893	Textiles — Cotton Fibres — Evaluation of Maturity — Microscopic Method(<i>second revision</i> of IS 236)	09-01-2024
190.	TXD/31/23953	Textiles — Elastomeric Yarn — Specification	22-02-2024
191.	TXD/13/21155	Scoured or Dyed Cotton Tapes for Aerospace Purposes — Specification (<i>second revision</i> of IS 3255)	09-02-2024
192.	TXD/31/21912	Textiles — Cotton Sewing Thread — Specification (<i>second revision</i> of IS 1720)	19-03-2024
193.	TXD/13/22121	Textiles — Braided Nylon Cords for Aerospace Purposes — Specification (<i>third revision</i> of IS 4227)	19-03-2024
194.	TXD/33/23148	Rubber or Plastics Coated Fabrics — Methods of Test Part 14 — Low Temperature Impact Test (<i>second revision</i> of IS 7016 Part 14)	07-04-2024

195.	TXD/33/24348	Nonwovens — Test Methods — Part 1 Determination of mass per unit area (<i>first revision</i> of IS 15891 Part 1)	07-04-2024
196.	TXD/33/24350	Nonwovens — Test Methods — Part 3 Determination of tensile strength and elongation at break using the strip method (<i>first revision</i> of IS 15891 Part 3)	07-04-2024
197.	TXD/33/24363	Nonwovens — Test Methods — Part 13 Repeated liquid strike-through time (simulated urine) (<i>first revision</i> of IS 15891 Part 13)	07-04-2024
198.	TXD/33/24364	Nonwovens — Test Methods — Part 14 Coverstock wetback (simulated urine) (<i>first revision</i> of IS 15891 Part 14)	07-04-2024
199.	TXD/33/24366	Nonwovens — Test Methods — Part 18 Determination of tensile strength and elongation at break using the grab tensile test (<i>first revision</i> of IS 15891 Part 18)	07-04-2024
200.	TXD/05/24259	Textiles and Textile Products — Test Method for Determination of Volatile Organic Compound — Head-Space and Automatic Liquid Sampler (ALS) Gas Chromatographic Mass Selective Detector Method	12-04-2024
201.	TXD/13/22872	Textiles — Nylon Sewing Threads for Aerospace Purposes — Specification (<i>third revision</i> of IS 4229)	12-04-2024
202.	TXD/05/23588	Textiles — Methods for Determination of Colour Fastness of Textile Materials to Sublimation (<i>second revision</i> of IS 975)	17-04-2024
203.	TXD/05/23585	Textiles — Colour Fastness of Textile Materials to Washing in the Presence of Sodium Hypochlorite — Method for Determination (<i>second revision</i> of IS 984)	19-04-2024
204.	TXD/05/23590	Textiles — Colour Fastness of Disperse Dyes on Polyester Fabrics to Carbonization — Method for Determination (<i>second revision</i> of IS 11220)	19-04-2024
205.	TXD/05/23592	Textiles — Methods for testing cotton cordages for resistance to attack by micro-organisms (<i>second revision</i> of IS 1386)	19-04-2024
206.	TXD/05/23593	Textiles — Carboxylic Acid Groups in Cellulosic Textile Materials — Method for Estimation Part 1 Lodomeric Method (<i>second revision</i> of IS 1560 Part 1)	19-04-2024
207.	TXD/05/23594	Textiles — Method for Estimation of Carboxylic Acid Groups in Cellulosic Textile, Materials Part 2 Sodium Chloride - Sodium Bicarbonate Method (<i>second revision</i> of IS 1560 Part 2)	19-04-2024
208.	TXD/05/23596	Textiles — Method of Test for Evaluation of Insect Proofness of Woollen Textiles (<i>second revision</i> of IS 7250)	19-04-2024
209.	TXD/05/23598	Textiles — Method for Testing Jute Cordages for Resistance to Attack by Micro-Organisms (<i>second revision</i> of IS 1633)	19-04-2024

210.	TXD/31/24913	Textiles — Bedsheets Pillow cover and Blanket Cover — Specification	03-05-2024
211.	TXD/31/21853	Textiles — Cotton Towelling and Towels — Specification (<i>Second Revision</i>)	03-05-2024
212.	TXD/31/24914	Textiles — Continuous Filament Polyamide (Nylon 6) Yarn — Specification (<i>Second Revision</i>)	03-05-2024
213.	TXD/01/24587	Textiles — Jute and Jute Based Bags- Method for Drop Test (<i>First Revision</i>)	10-05-2024
214.	TXD/01/24585	Textiles — Methods for Determination of Universal Count of Jute Yarn (<i>Second Revision</i>)	10-05-2024
215.	TXD/01/24586	Textile — Methods for Determination of Mass of Jute Fabrics (<i>Second Revision</i>)	10-05-2024
216.	TXD/04/24805	Textiles — Woollen Blended Blankets — Specification	15-05-2024
217.	TXD/09/24437	Fibre Ropes High Modulus Polyethylene 8-Strand Braided Ropes 12-Strand Braided Ropes and Covered Ropes	23-05-2024

ANNEX 19*(Item 8.4)***NEW SUBJECTS TAKEN****Period - 01st May 2023 to 25th May 2024**

Sl. No	Committee No.	Subject/ Title
1	TXD 01	Textiles — Smoothness test for fabrics
2	TXD 01	Textiles — Biaxial Tensile Properties of Woven Fabric — Determination of maximum force and elongation at maximum force using the grab method
3	TXD 01	Textiles — Synthetic Filament Yarns — Electrostatic propensity evaluation by measuring electrical resistance
4	TXD 01	Textiles — Synthetic Filament Yarns — Test methods for crimp properties of textured yarns
5	TXD 03	Jute Shopping Bag
6	TXD 03	10 kg, 15 kg and 20 kg retail jute packing bag specification
7	TXD 04	Aircraft Carpets
8	TXD 04	Broadloom Wool Carpet
9	TXD 07	Textiles — Determination of index ingredient from coloured textiles — Part 2: Turmeric
10	TXD 07	Natural Dye and Natural Dyed Product Mark Protocol
11	TXD 05	Test Method for Determination of Volatile organic Compound
12	TXD 05	Textiles Determination of certain preservatives Part 2 Determination of triclosan residues method using LCMS MS
13	TXD 05	Test method for determination of Chlorinated Organic Carriers
14	TXD 05	Test method for determination of Polycyclic Aromatic Hydrocarbons
15	TXD 05	Textiles Test method for accelerated hydrolysis of textile materials and biodegradation under controlled composting conditions of the resulting hydrolysate
16	TXD 05	Textiles Determination of formaldehyde Part 3 Free and hydrolysed formaldehyde (extraction method) by liquid chromatography
17	TXD 05	Textiles Qualitative and quantitative analysis of some bast fibres (flax, hemp, ramie) and their blends Part 1: Fibre identification using microscopy methods
18	TXD 08	Textiles — Khadi Yarn — Specification
19	TXD 09	Textiles — Coir fenders -Specifications
20	TXD 09	Textiles — Line Coir — Specification

21	TXD 09	Textiles — Helideck Net Made from Sisal and Manila fibre - Specification
22	TXD 09	Fibre Ropes — High Modulus Polyethylene — 8-Strand Braided Ropes, 12-Strand Braided Ropes and Covered Ropes
23	TXD 09	Textiles — Fibre Ropes For Offshore Stationkeeping — Part 4 : Polyarylate
24	TXD 09	Textiles — Fibre Ropes For Offshore Stationkeeping — Part 5: Aramid
25	TXD 10	Knitted leggings
26	TXD 10	Knitted Tracksuits
27	TXD 10	Knitted shorts
28	TXD 10	Knitted pyjamas
29	TXD 10	Knitted Stockings
30	TXD 13	Specifications for nylon tapes for aircraft arrester barrier system
31	TXD 18	Fishing Net — Marine Fish Cage for Aquaculture Purpose
32	TXD 20	Textiles — Jacket — Specifications
33	TXD 20	Textiles — Requirements for pillow
34	TXD 20	Textiles — Rain coats- Specifications
35	TXD 20	Textiles — Woven trousers made of Man-made fiber and their blends.
36	TXD 25	Specifications for the Coir Garden Articles
37	TXD 25	Specifications for the Coir based Greenwall modules
38	TXD 30	Drainage composite
39	TXD 30	Geosynthetic Clay Liners
40	TXD 30	Textiles Fabric impregnated with cement for erosion control
41	TXD 30	Woven and knitted geotextiles for all subgrade stabilisation
42	TXD 30	Geocomposite strips
43	TXD 31	Elastomeric Yarn
44	TXD 31	Polypropylene continuous filament yarn
45	TXD 32	Aluminized Fire proximity suits
46	TXD 32	Standard for wildland firefighting clothing. ISO 16073 Part 3 Wildland firefighting personal protective equipment - clothing
47	TXD 32	Gloves for wildland firefighting clothing. ISO 16073 Part 4 Wildland firefighting personal protective equipment - gloves

48	TXD 32	Fire-fighting hoods
49	TXD 32	Cleaning, inspection and repair of firefighters' personal protective equipment (PPE).
50	TXD 33	Industrial Filter Fabric
51	TXD 33	Industrial Non-Woven Wipes
52	TXD 33	Woven air slide fabric
53	TXD 33	Woven press filter cloth bag
54	TXD 35	High Density Polyethylene (Hdpe) Woven Azolla Beds
55	TXD 35	High Density Polyethylene (Hdpe) Woven Grow Bags
56	TXD 35	High Density Polyethylene (Hdpe) Woven Bhusa Bag
57	TXD36	Reprocessing of Multiple-Use Healthcare Textiles
58	TXD 36	Nonwoven Gauze (Sterile and Non-Sterile)
59	TXD 36	Sterilization Wrap
60	TXD 36	Scrub Suit
61	TXD 36	Surgical Sutures
62	TXD 36	Chitosan Haemostatic Dressings
63	TXD 38	Polyester tyre Cords
64	TXD 38	Automotive Seat Belt Webbing
65	TXD 38	Textiles — Jute-Based Roofliner used in the automobile for acoustic purposes
66	TXD 40	Textiles – Carbon Fibres – Specification
67	TXD 40	Textiles — Glass Fibres - Specification
68	TXD 40	Textiles – Machine-made National Flag (Polyester Khadi) - Specification

ANNEX 20

(Item 8.5)

WITHDRAWAL OF SUBJECTS/DOCUMENTS

S. No.	Sectional Committee	Document/Subject	Reason
1	TXD 09	Recovery straps for motor	The Committee decided that there is no demand from users in India and no Industries are manufacturing it.
2	TXD 30	Rockfall protection net	The Committee decided that the metallic based products are prominently available/manufactured in the market which do not fall under the purview of the committee, TXD 30.
3	TXD 36	TXD 03 (21284), Textiles — Jute synthetic union bags for packing cement — Specification (<i>first revision</i> of IS 12174)	The product is neither being used nor being manufactured.
4	TXD 36	Dental Floss	Withdrawn due to already available standard IS 17702 : 2021/ISO 28158 : 2018, Dentistry — Integrated Dental Floss and Handles

ANNEX 21

(Item 8.5)

PARTICIPATION IN CONFERENCES/ SEMINARS/ MEETINGS

Sl. no.	Title of the Programme (Conference/ Workshop/ Seminar/ Meeting) & Organised by	Date & Place	Name of the officer(s), designation and dept.	Important outcomes/ discussion of the Programme
1.	Meeting to discuss the issue of low melt polyester staple fibre organized by Ministry of Textiles	09-05-2023 Video Conferencing	Shri J K Gupta, HTXD, Shri Aditya Das, Sc-D, CMD-I, Shri Mayur Katiyar, Sc-B, TXD	The following inputs were provided during the meeting: i) It was informed that the requirement of the low melt polyester fibre has already been included in IS 17263 : 2022. The issue of applicability of the IPA content and whiteness index for low melt fibre will be addressed in the forthcoming meeting of TXD 31 scheduled on 15 May 2023. ii) Inputs regarding the license holders for IS 17263 : 2022 were also provided during the meeting.
2.	Meeting to discuss the issues of cotton bales QCO organized by Ministry of textiles	15-05-2023 Udyog Bhawan, New Delhi	Shri J K Gupta, HTXD	A meeting was organized under the chairpersonship of Shri Rohit Kansal, Additional Secretary, Govt. of India to discuss on issues on IS 12171 : 2019 for cotton bales on 15 May 2023. Representatives from Haryana Cotton Ginners' Association and Punjab Cotton Ginners Association, Indian cotton Association, and Cotton Corporation of India attended the meeting. From BIS, Shri J K Gupta, HTXD attended the meeting. The following inputs were provided during

				<p>the meeting: i) The salient features of the various requirements as given in IS 12171 : 2019 were explained. ii) The process of grant of license as per scheme II of schedule II of BIS (Conformity Assessment) Regulation, 2018 was also briefed during the meeting. iii) During the meeting, Haryana Cotton Ginners' Association and Punjab Cotton Ginners Association, requested to modify the requirement of trash content for superior medium cotton from 3% to 4.5% and moisture content from 8% to 9.5 %. It was informed that the above will be discussed in the next meeting of TXD 31 scheduled shortly. iv) It was also decided that ministry of textiles along with BIS will conduct widespread consultations with all concerned stakeholders throughout the country on issues raised by Punjab/Haryana general association for implementation of the QCO. v) The information related to the availability of test facilities for IS 12171 : 2019 for cotton bales across the country was also provided. It was also informed that as soon as the QCO will be implemented, the private labs will also set up the required test facilities to compensate the demand supply gap.</p>
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3.	Meeting on Roadmap for HSN Mapping, Development organized by Ministry of Textiles	23-05-2023 Video Conferencing	Shri J K Gupta, HTXD	The following inputs were provided from BIS: i) Information regarding the available Indian Standards on Textile Floor Covering (IS 17479 : 2023 on carpet tile and IS 17478 : 2020 on Wall to Wall Carpets) on the identified HSN codes was provided. ii) It was also decided that standards on architectural membrane, glass fiber composites, turf protection nets, and smart textile/E-textiles shall be developed on priority.
4.	31st Meeting of the Standing Advisory Committee (SAC) for packaging for the Jute Year 2023-24 (July-June) organized by Ministry of textiles	26-05-2023 Udyog Bhawan, New Delhi	Shri J K Gupta, HTXD	During the meeting the following inputs were provided from BIS: a) It was informed that BIS has published Indian Standards for both HDPE/PP bags and Jute bags and the bags/sacks conforming to Indian standards shall only be procured/used to ensure their quality. b) Regarding the issue of moisture ingress in sugar bags, it was informed that Type C sugar bags specified under IS 15138:2010 has the provision of use of liner to address the moisture issue. It was also informed that BIS has published IS 14715 (Part 1 & 2) : 2016 on Jute Geotextiles for strengthening of sub-grade in roads and Control of bank erosion in rivers and waterways respectively and the same shall also be utilized to promote the use of jute diversified products.

5.	Meeting of Quality Control Order on cotton bales organized by Ministry of Textiles	26-05-2023 Udyog Bhawan, New Delhi	Shri J K Gupta, HTXD	The following inputs were provided from BIS: a) It was informed that the issues related to the requirements of trash content in Medium Superior Staple cotton and moisture content in IS 12171:2019 on Cotton bales will be resolved in the upcoming meeting of TXD 31 Sectional Committee. b) It was also informed that zone wise webinar shall be conducted in association with MOT and CCI on QCO on Cotton Bales (IS 12171 : 2019) to create awareness on the salient features of IS 12171 : 2019 along with certification process of BIS.
6.	Meeting on Quality Control Order on Viscose Staple Fibre (VSF) organized by Ministry of Textiles	29-05-2023 Video Conferencing	Shri J K Gupta, Head Textiles and Shri Aditya Das, Sc-D, CMD-II	During the meeting, the following points specific to BIS were discussed: a) The issue of bamboo fibre was discussed and it was decided that relevant technical inputs pertaining to the requirement of bamboo fibre shall be provided to BIS for incorporating the same appropriately in IS 17266:2019. It was also decided that the requirement of other functionality viscose fibres shall be incorporated in IS 17266:2019. b) It was also decided during the meeting that off-grade VSF shall be labelled as reject on similar lines as per the guidelines for Polyester staple fibres. It was also requested that similar guidelines as issued for PSF shall be appropriately

				incorporated in the manual of VSF to address the issue of off-grade VSF
7	Meeting to discuss e-Parinam task IDs (4528 : Review of composition of all textile related technical committees of BIS, 4124 : Setting up lab for pashmina, 4422 : incorporating the component of DNA testing in the testing facilities for the cotton value chain, 4371: May coordinate with BIS for investing in testing facilities for Textile industry.) organized by Ministry of textiles.	14-06-2023 Udyog Bhawan, New Delhi	Shri J K Gupta, Head Textiles and Shri Ajay Tewari, Head LRMD	During the meeting, the following inputs were provided from BIS: a) It was informed that an awareness and implementation webinar for cotton bales has already been done and other zone-wise awareness and implementation webinar for cotton bales are also planned shortly. b) Regarding the pashmina test facilities, it was informed that Wildlife Institute of India, Dehradun has installed the complete test facilities for pashmina and will cater to the requirements of stakeholder in NCR. Further, test facilities are also available at Sher-e-Kashmir University of Agricultural Sciences and Technology (SKUAST), Srinagar. c) Regarding the DNA testing of cotton, it was informed that Textile Committee in association with NBRI will develop the marker for the same. After the development of marker, requirements for test equipment will be reassessed and the same will be placed before the screening committee. d) It was also informed that testing facilities for Geotextiles products will be established by BIS in Hyderabad.

8.	Meeting on formulation of QR for Patka organized by SSB, New Delhi	31-05-2023 SSB HQ, New Delhi	Shri Mayur Katiyar, Sc-B	The inputs regarding the requirements of colour fastness to light, washing, perspiration, tensile strength, tear strength etc. that needs to be incorporated in the QR were provided.
9.	National conclave on sportech organized by ITTA, Mumbai and WRA, Mumbai	02-06-2023 Shangri-La Eros, New Delhi	Shri Mayur Katiyar, Sc-B	The following inputs from BIS were provided: i) A complete overview of Textiles department including the number of sectional committees, number of standards published etc. was provided. ii) An overview of the process of standardization was also explained.
10	Meeting to discuss the implementation of the four QCOs of polyester yarns organized by DCPC	08-06-2023 Shastri Bhawan, New Delhi	Shri Dharmbeer, Sc-D Shri Mayur Katiyar, Sc-B	From BIS, the following inputs were provided: a) It was informed that in the 27th meeting of TXD 31 held on 14 May, the committee requested the M/s The Southern Gujarat Chambers of Commerce and Industry (SGCCI), M/s Federation of Gujarat Weavers Welfare Association (FGWWA), M/s South Gujarat Warp Knitters Association (SGWKA), Surat to provide the data of last 3 months for the tolerances on denier and elongation of FDY. It was further informed that no data have been received. b) It was also informed that standards are dynamic in nature and can be modified from time to time as/when the need arises and the current requirements specified in the standard may not taken as prerequisite to

				extend the QCO on polyester yarns.
11.	Meeting on QCO on textiles products by Ministry of Textiles	05-06-2023 New Delhi	Shri Dharmbeer, Sc-D, and Shri Mayur Katiyar, Sc-B,	A meeting was organized under the chairpersonship of Smt Rachana Shah, Secretary, Ministry of Textiles at Udyog Bhawan on 5 June 2023. From BIS, Shri Dharmbeer, Sc-D, and Shri Mayur Katiyar, Sc-B, Textiles Department attended the meeting. The following inputs were provided by BIS: a) The status of QCOs issued on all the textile products was informed. b) Status of pending FMCS applications for textile products under QCO was informed. c) Information pertaining to the status of comments received on IS 12171 : 2019 for cotton bales and IS 17266 : 2019 for viscose staple fibre was given.
12	Second Meeting of Apex Committee for implementation of Kasturi Cotton India Project organized by CCI	20-07-2023 Udyog Bhawan, New Delhi	Shri Pinaki Gupta, Head CMD- I Shri Aditya Das, Sc-D, CMD-II, Shri Mayur Katiyar, Sc-B	During the meeting the following inputs were provided by BIS: i) It was informed that IS 12171 : 2019 covers the requirement of kasturi cotton. ii) The certifications procedure of BIS was also explained during the meeting.
13	Awareness Program on Regulatory Requirements, Certification Process and Standards on Medical Textile Products organized by SITRA	23rd August 2023 at Coimbatore.	Shri Aditya Dass, Scientist D, CMD-2 Shri Dharmbeer, Scientist D, TXD	A detailed presentation on 'BIS Conformity Assessment Schemes on Product and Process Certification' was delivered by Shri Aditya Das, Scientist-D, CMD-2 BIS. In his presentation, he briefed the participants about the

			<p>various schemes of BIS Conformity Assessment for grant of license, documents required for applying for license, concession of marking fess for MSME, procedure for applying BIS license on Manakonline portal. A detailed presentation on ‘Indian Standards on Medical Textiles’ was delivered by Shri Dharmbeer, Scientist D, Textiles. The participants were apprised about the salient features, performance requirement and test method of the following important Indian standards published by the committee TXD 36: - 1) IS 16289 : 2014 ‘Medical Textiles — Surgical Face Masks — Specification 2) IS 17423 : 2021, Medical Textiles — Bio-Protective Coveralls — Specification (First Revision) 3) IS 17334 : 2019, Medical Textiles — Surgical Gowns and Surgical Drapes — Specification 4) IS 5405 : 2019, Sanitary Napkins — Specification (Second Revision) 5) IS 17514 : 2021, Reusable Sanitary Pad/Sanitary Napkin/Period Panties — Specification 6) IS 17509 : 2021, Disposable Baby Diaper — Specification 7) IS 19022: 2022, Medical Textiles — Barrier Face Covering — Specification 8) IS 18266 : 2023, Textiles — Medical Respirator — Specification 9) IS 17786 : 2022, Medical Textiles —</p>
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				Underpad — Specification 10) IS 17787 : 2021, Medical Textiles — Nonwoven Wipes — Specification The session was followed by a brief Q & A and all the queries raised by participants were resolved.
14	First Meeting of the combined Working Group of Technical Regulations on Cotton & Man Made Fibre Textiles organized by Textiles Committee	26-07-2023 Vidoe Conferencing	Shri J K Gupta, Head (Textiles), and Shri Mayur Katiyar, Sc-B	The first meeting of the Combined working group for development of Technical Regulation for Cotton and Man-Made Fibre Textiles was held on 26 July 2023 through virtual mode under the Chairmanship of Shri S P Verma, Secretary, Textiles Committee. The following 3 standards were discussed to issue Quality Control Order (QCO): (a) IS 16369 : 2015 Textiles — Saris Made of cotton, MMF filaments and their Blends — Specification. (b) IS 16374 : 2015 Textiles — Woven Suitings Made of cotton, MMF filaments and their Blends — Specification. (c) IS 16394 :2015 Textiles — Woven Shirtings Made of cotton, MMF filaments and their Blends — Specification. From BIS, Shri J K Gupta, Head (Textiles), and Shri Mayur Katiyar, Sc-B attended the meeting. The following inputs were provided by BIS during the meeting: i) It was informed that the constructional parameters in the standards are kept as agreed to between the buyer and the seller to cover diverse varieties of the product under the scope of the standard. Apart from the above, the

				performance requirements are also specified in the standards. ii) It was also informed that the standard doesn't specify the requirements of handloom and khadi products.
15	Meeting on QCO Schemes for Raw silk organised by CSTRI, Bengaluru	28-07-2023 Video Conferencing	Shri H J S Pasricha, DDG (Certification), Shri J K Gupta, Head (TXD), Shri Pinaki Gupta, Head (CMD-II), Shri Aditya Das, Sc- D, CMD-II, Shri Ranga Banothu, Sc-B, TXD	A meeting on proposed QCO on silk was organised by CSTRI, Bengaluru on 28 July 2023 through virtual mode. The meeting was attended by Shri H J S Pasricha, DDG (Certification), Shri J K Gupta, Head (TXD), Shri Pinaki Gupta, Head (CMD-II), Shri Aditya Das, Sc- D, CMD-II, Shri Ranga Banothu, Sc-B, TXD and officers of Central Silk Board. The following points were discussed during the meeting: 1. Shri. Pinaki Gupta, Head, Central Marks Department briefed about the importance of implementing QCO and the processes involved. Shri. Aditya Das, Scientist D, BIS explained in detail about the Schemes I and II under QCO and the applicability of both the schemes. 2. Shri J K Gupta, Head TXD, BIS informed that the present standard (IS 15090 various parts) on silk has been taken up for revision to exclude the grades 2A and below, inclusion of test method for identification of silk and modification of sampling plan. Shri H J S Pasricha, DDG (Certification) advised for clear understanding of the

				<p>purpose of QCO, particularly for raw silk. He further informed that the purpose of the QCO also includes checking substandard imports and enhancing domestic silk quality. 3. Addressing the concerns of CSTRl about HSN code mapping, certification expenses, and potential exemption of micro and tiny units from QCO, Shri. H.J.S Pasricha, DDG (Certification) clarified that HSN code mapping is not mandatory. Regarding certification fees, BIS has already provided 80% marking fee reduction for micro-scale enterprises and the call on excluding the micro and tiny units from the purview of the QCO lies with the Ministry of Textiles.</p>
16	Meeting with Smt Prajakta L Verma on QCO on cotton bales organized by Ministry of Textiles	28-08-2023 Udyog Bhawan, New Delhi	Shri J K Gupta, HTXD	<p>The following inputs were provided during the meeting:</p> <p>i) It was informed that BIS has resolved the issues related to the requirements for trash content and moisture regain in cotton bales. Further an alternate variety of cotton which has been affected by natural calamity like floods, drought, hailstorm, cyclone, fire, extreme weather conditions etc has also been incorporated in the standard to facilitate trade of cotton. ii) It was also informed that FAQs related to standardization, conformity assessment and Laboratory activity of BIS in relation</p>

				with the cotton bales have also been provided to Cotton Corporation of India for resolving various queries of stakeholders including ginners and their associations.
17	International Workshop on Scope and Opportunities in Medical Textiles organized by Ministry of Textiles in Association with SITRA	13 September 2023 at Mumbai	Shari Dharmbeer, Scientist D	A presentation on 'Indian Standards on Medical Textiles and BIS Conformity Assessment Schemes' was delivered by Shri Dharmbeer, Scientist D, Textiles. The participants were apprised about the salient features, and performance requirement of the important Indian standards published on medical textiles such as IS 16289 : 2014 Surgical Face Masks , IS 17423 : 2021, Bio-Protective Coveralls, IS 17334 : 2019, Surgical Gowns/Drapes IS 5405 : 2019, Sanitary Napkins, IS 17514 : 2021, Reusable Sanitary Pad, S 17509 : 2021, Disposable Baby Diaper etc.. The participants were also briefed about the BIS Conformity Assessment for grant of license, documents required for applying for license, concession of marking fess for MSME, procedure for applying BIS license on Manakonline portal. The session was followed by a brief Q & A and all the queries raised by participants were resolved.
18	Meeting to discuss the status of standardization and QCO on Geotextiles	27-09-2023 Udyog Bhawan, New Delhi	Shri J K Gupta, HTXD, Shri Pinaki Gupta, HCMD-II,	The following inputs from BIS were provided: i) During the meeting, the status of the issues related to merger of

	and Protech organized under the chairmanship of Shri Rajeev Saxena, Joint Secretary, Ministry of Textiles		Shri Aditya Das, Sc-D, CMD-II	geotextiles standards (For separation, sub-surface drainage, filtration, and sub-grade stabilization) and amendments in geocell standards were informed. Based on the feedback from the stakeholders, it was decided to make a proposal for extension of the QCO on Geotech up to 1st January 2024. ii) The status of certification of the products for Indian and foreign manufacturers of Geotextiles and Protective Textiles which are under QCO was provided.
19	National Conclave On Agrotech — Accelerating Productivity of Agriculture & Horticulture Products organized by Ministry of Textiles along with SASMIRA and ITTA	06-10-2023 India Habitat Centre, New Delhi	Shri J. K. Gupta, HTXD	During the technical session on Indian Standards and QCOs on Agrotextiles, Shri J. K. Gupta, HTXD participated as panelist. He briefed the participants about the status of standardization of Agrotextiles along with the present and future market scenario. He also stressed that QCO on Agrotextiles will develop the quality ecosystem in this important area of economy and will also help in stamping out the import of substandard goods into the country. He also briefed the august gathering about the proposed revision of the standards on shade nets to include the non-agricultural applications of shade nets.
20	The 24th plenary meeting of ISO TC 38 'Textiles' and its subcommittees	01-11-2023 Seoul, South Korea	Shri J K Gupta, HTXD Dr. Sujata Saxena, ICAR-CIRCOT Shri A K Samanta Shri	a) Shri Y A Shah, AMA Herbals, Lucknow made a presentation on New Work Item Proposal on Gallnut (Natural dye), highlighting its

			<p>Himanshu Shukla, Member Secretary, TXD 07 Shri Y A Shah, Ama Herbals, Lucknow</p>	<p>usefulness, sustainability, and technical aspects covering the characteristic peaks of gallic acid by HPLC UV method. The subject was approved for registration as ISO/AWI/22195-9, with a resolution to issue an NP ballot after receipt of form 4 and a revised draft with updated standard development timeline. He also briefed the delegates about the new work item proposals on Tectona grandis, Terminalia arjuna, Canna indica - Indian Shot, Sarvajjaya, Impateins balsamina. BIS, India will submit the form 4 and working draft on the subjects in Ingredient Index format as acceptable to ISO. b) Shri Y A Shah, AMA Herbals, Lucknow made a presentation on ‘Test method for measuring colour fastness of textile material dyed with natural dyes’ during the meeting of ISO TC 38/SC1. Delegates agreed to revise existing standards on test method for colour fastness and include washing instructions for natural dyes, excluding sodium perborate as a detergent. BIS, India will propose the revisions and provide the required inputs for the revisions. c) Shri J K Gupta, HTXD suggested validating SAC, China's proposed test method for determining pure cashmere content using Near Infrared</p>
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				<p>spectrum with established methods ISO 17751-1:2016 and ISO 17751-2:2016, which employ Light microscopy and Scanning electron microscopy. d) Shri J K Gupta, HTXD suggested inclusion of the term 'and their related terminology' in scope of ISO TC 38/SC24 considering the subcommittee's work on standards related to atmospheres for conditioning and testing of textiles. ISO TC 38/SC 24 approved the suggestion and made a resolution for the revised scope. e) Shri J K Gupta, HTXD proposed broadening the scope of ISO TC 38/SC 1 to encompass technical aspects of textile material coloration, with the addition of the phrase "all aspects of textiles related to coloration." ISO TC 38/SC1 agreed to this proposal, and it was further proposed to transfer standards related to test methods for coloration from ISO TC 38/SC1 to ISO TC 256 as the scope of ISO TC 256 is more relevant for the standards related to colouration. f) Dr. Sujata Saxena, ICAR-CIRCOT during Mr. Filarowski Andrew's, BSI, NWIP presentation on Color Fastness determination using mobile application, raised concerns about result consistency with multi-colored and printed fabrics and requested an Android</p>
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				version of the application with free access for validation and trials.
21	Bilateral Meeting with EU TBT committee on 08 November, 2023	08-11-2023 Video Conferencing	Shri J K Gupta, HTXD Shri Mayur Katiyar, Sc-B, TXD	A bilateral meeting with EU TBT committee was held on 08 November, 2023 with BIS, India to discuss the issues related to QCOs on viscose staple fibres. During the meeting, discussions were held on the technical requirements of Viscose Staple Fiber and inputs for the same were provided by Shri J K Gupta, HTXD. Discussions on proposed QCO on furniture, dairy products were also held. The meeting was attended by the officials from DPIIT, BIS, FSSAI, Ministry of Textiles and representatives of EU TBT committee etc.
22	Meeting for the Review of 30 standards to be covered in the Phase 3 of the Quality Control Orders (QCO) with regards to Technical Textiles organized by Ministry of Textiles	01-12-2023 Udyog Bhawan, New Delhi	Shri J K Gupta, HTXD and Shri Dharmbeer, Sc-D	A meeting on the review of 30 standards to be covered in the Phase 3 of the Quality Control Orders (QCO) with regards to Technical Textiles was held on 01 December 2023 at Udyog Bhawan, New Delhi under the chairmanship of Shri Rajeev Saxena, Joint Secretary (TTI), Ministry of Textiles. From BIS, Shri J K Gupta, HTXD and Shri Dharmbeer, Sc-D attended the meeting. During the meeting the following points were discussed: i) All the 30 standards were reviewed, and it was decided that 15 standards under five Technical Textiles segments

				<p>(Geo Textiles, Buildtech, Ropes & Cordages, Mobiltech, and Indutech.) will be circulated to the stakeholders for their comments before hosting them on WTO website. ii) It was also decided that the scope enhancement of Indian Standards for shade nets to cover the construction industry as well as for uniform QCO applicability across all applications is to be taken up on priority. iii) It was also informed that the draft Indian Standard on Architectural Membrane has completed wide circulation and will be finalised soon.</p>
23	<p>Meeting for standardization of the products manufactured from textile waste and textile waste recycling practices organized by Ministry of Textiles.</p>	<p>06-12-2023 Video Conferencing</p>	<p>Shri J K Gupta, HTXD and Shri Mayur Katiyar, Sc-B</p>	<p>A meeting on standardization of the products manufactured from textile waste and textile waste recycling practices was held under the chairpersonship of Smt Prajakta Lal Verma, Joint Secretary, Ministry of Textiles on 06 December 2023 through VC. From BIS, Shri J K Gupta, HTXD and Shri Mayur Katiyar, Sc-B attended the meeting. During the meeting, the following points were discussed: i) It was informed that BIS has published 3 standards (IS 14291 for Woollen shoddy yarn, IS 2157 for Handloom shoddy woollen blankets, IS 14292 for Shoddy woollen barrack blankets) which utilized recycled wool from old clothing, rags, tailor's</p>

				<p>clippings and waste from wool manufacturing. ii) It was also informed that BIS has published an Indian Standard IS 17263 : 2022 on Polyester staple fibres which includes the requirements for recycled polyester staple fibers made from recycled PET bottles. iii) It was also decided that new subjects for standardization of the recycled textiles (manufactured from industrial waste and post-consumer waste) and textile waste recycling guidelines incorporating the sustainability and social impact criteria shall be identified through extensive stakeholders' consultation.</p>
24	The third plenary meeting of ISO/TC 338 'Menstrual Product' organized by ISO	08-12-2023 Video Conferencing	Shri J.K. Gupta, Sc-E & Head, Textiles (Head of Delegation), Shri Dharmbeer, Sc-D, Textiles, Shri S. Sivakumar, (Head, Medical Textiles), SITRA, Dr. E. Santhini, SITRA, Coimbatore, Smt. Tanya Mahajan, The Pad Project (NGO), India, Shri Nirav Mehta, Dima Products, Mumbai, Ms. Roocha Khedkar, Kenvue, Mumbai	The important outcomes of the ISO/TC 338 Plenary meeting are as follows: - a) Presentations on the progress report of the task group for Strategic Business Plan, working group for general requirements and adhoc group for terminology were made by Dr. E. Santhini, Shri S. Sivakumar, SITRA and Ms. Tanya Mahajan respectively. The progress reports presented by India on the above 3 groups were accepted by the committee and leadership roles (Convenorship) of India have been continued in all the 3 WG1/TG1/AHG1. b) The committee agreed to accept to change the WG 1 title to

				<p>“Safety, performance and general requirements of menstrual products” under the Convenorship of India. c) The committee agreed to launch a NWIP ballot for “General and safety requirements of menstrual products” under the Convenorship of India. d) ISO/TC 338 agrees to register the terminology document as a Preliminary Work Item, and to appoint Tanya Mahajan (India) as project leader. e) The proposal of Australia for the constitution of a new working group for ‘Tampons’ was not agreed upon due to objections by India.</p>
25	<p>Meeting with Feminine and Infant Hygiene Association (FIHA) with regards to QCOs for Meditech items organized by Ministry of Textiles</p>	<p>20-12-2023 Udyog Bhawan, New Delhi</p>	<p>Shri J K Gupta, Head Textiles, Shri Aditya Dass, Scientist D, CMD 2 and Shri Dharmbeer, Scientist D</p>	<p>The following inputs were provided from BIS: a) It was informed that the issues related to the requirement of pH range for fluffy pulp in absorbent core for IS 5405 : 2019 and biocompatibility evaluation optional requirement for baby diaper IS 17509 will be resolved in the upcoming meeting of TXD 36 Sectional Committee. b) Regarding the sampling plan given for sanitary pad and baby diaper, it was informed that the manufacturer has the choice to define the control unit/batch/lot and their own Levels of Control with proper justification and inform the Head of the concerned BO for further action.</p>

26	Jute Symposium organized by National Jute Board	21 December 2023	Shi Himanshu Shukla, Sc. B and Shri Tanishq Awasthi, Sc. B.	Attended 'Jute Symposium' organized by National Jute Board physically at Ashoka Hotel on 21st December, 2023. Around 150 participants, including representatives from industry, government bodies, regulatory bodies, and users, attended the event. In the session on 'Jute as a sustainable material in different applications including Technical Textiles' Shri Himanshu Shukla informed the representatives about the important standards published by the BIS on Jute products including jute bags, jute agortextiles and jute geotextiles.
27	Meeting of the Hon'ble Minister of Commerce & Industry, Consumer Affairs Food and Public Distribution and Textiles with Mr. Prakash Chandra, Sangathan Mantri, Laghu Udyog Bharati	03-01-2024 Video Conferencing	Shri H J S Pasricha, DDG (Certification), Shri Rajeev Sharma, DDG Std-I, Shri Sanjay Pant, DDG Std-II, Shri J K Gupta, HXD, Shri Sanjiv Maini, HMTD, Shri Ajay Lal, HCHD	From TXD, the inputs regarding the available Indian standards on various types of yarn and its blends along with their QCO status were provided. It was also informed that standardization for the subject of elastomeric yarn, continuous filament nylon yarn as per IS 7866 and ring spun grey cotton yarn for weaving as per IS 171 is also underway.
28	Meeting of Working Group for Development of Technical Regulations for Viscose staple spun yarn as per IS 3566 : 2023 organized by Textiles Committee	17-01-2024 Video Conferencing	Shri J K Gupta, HTXD and Shri Mayur Katiyar, Sc-B, TXD	During the meeting, the following points were discussed: a) The salient features of IS 3566 : 2023 were informed to the members present in the meeting. It was also suggested by M/s NITMA that there shall be separate requirements for the viscose airjet and air vortex spun

				<p>yarn. M/s NITMA was requested to provide complete data for the requirements for the same so that the same can be deliberated in the next committee meeting. b) It was also informed that the test facilities for IS 3566 : 2023 are available with SITRA, NITRA and other private labs. c) Most of the participants were of the opinion that QCO on IS 3566 : 2023 shall be issued on top priority so as to stop the import of the substandard viscose yarn into the country. d) It was also suggested by stakeholders that the Indian Standards for fabric made from viscose and its blends along with apparels may also be developed for subsequent issuance of QCO to cover the complete textiles value chain.</p>
29	<p>Advantage Vidharba - Khasdar Audyogic Mohotsav organized by Association for Industrial Development</p>	<p>27-01-2024 Nagpur</p>	<p>Shri Sanjay Goswami, DDGW, Shri J K Gupta, HTXD, Shri Hemant Ade, HNGBO and Shri Piyush Vasekar, Sc-D</p>	<p>This event featured industrial exhibitions, a business conclave, and various industrial seminars. Hon'ble Minister of Road, transport and Highways, Shri Nitin Gadkari graced the event with his presence. A closed-door panel discussion of BIS officers was held with the representatives of Gimatex Industries Pvt Ltd., Raymond Ltd., Siyaram Silk Mills Ltd., Indorama Pvt Ltd., Morarji Textiles Ltd., Sri Bhagirath Textiles Ltd., Suryaamba Spinning Mills Ltd. etc. The following points were discussed: i) It was requested</p>

				<p>to develop Indian Standards for textile fabrics and apparels to cover the complete textiles value chain. These products shall also be brought under QCOs to prevent the import of substandard products into the country. ii) The discussions regarding the lab testing facilities of textile products within the country were also held. Suggestions were made to expand testing facilities to address the need for growing testing infrastructure within the country. iii) It was informed that the testing charges for 100% polyester spun yarn (IS 17265 : 2023) were high and the same shall be rationalized. It was also requested that TRAs (Textiles Research Associations) like NITRA, BTRA, SITRA etc may be empanelled by BIS for testing the above product. iv) It was also requested that Nagpur branch office may organize a manak manthan on textiles products with the textiles industries in the vicinity of Nagpur and surrounding area in order to address the technical issues related to standards and certification issues related to its implementation.</p>
30	Meeting with ISO/TC 338 secretariat to discuss the strategy and action for New Item Proposal on General and Safety	23-02-2024 Video Conferencing	Shri J.K Gupta Head Textiles Shri Dharmbeer, Scientist D, Textiles	A meeting with ISO/TC 338 secretariat was held on 23 February, 2024 to discuss the strategy and action for New Item Proposal on General and Safety Requirements of

	Requirements of Menstrual Products from India in ISO/TC 338			Menstrual Products from India in ISO/TC 338. The following delegates attended the meeting :- 1) Shri Jitender Kumar Gupta, Scientist E and Head (Textiles), BIS India 2) Mrs Jenny Acaralp, Committee Manager, Swedish Institute for Standards 3) Shri S. Sivakumar, (Convenor ISO TC 338 WG1), SITRA, Coimbatore 4) Mr Joakim Falk, Swedish Institute for Standards 5) Shri Dharmbeer, Sc-D, Textiles, Member Secretary TXD 36, BIS India It was discussed that there were divergent views on working draft for General and Safety Requirements of Menstrual Products. It was suggested by India to give additional time of 3-4 months to build the consensus on technical content of working draft which was agreed by all participants.
31	6th Meeting of the Empowered Programme Committee (EPC) under National Technical Textiles Mission (NTTM)	18-03-2024 Video Conferencing	Shri Himanshu Shukla, Sc-B, TXD	Attended 6th Meeting of the Empowered Programme Committee (EPC) under National Technical Textiles Mission (NTTM) held under the chairmanship of Secretary, Ministry of Textiles on 18th March 2024 through videoconferencing. During the meeting, the committee approved the extension of timeline for R & D projects, decided to amend the IPR guidelines, and discussed the roadmap for skill building and training in

				the field of technical textiles. Provided inputs on BIS initiatives, capsule course, guest lectures, and skill development modules designed by BIS in the field of technical textiles.
32	Participation in BHARATTEX Textile event organised by a consortium of 11 Textile Export Promotion Councils and supported by the Ministry of Textiles at two venues- Bharat Mandapam and Yashobhoomi.	26th to 29th February, 2024 in New Delhi	Shri H. J. S. Pasricha, DDG (Certification), Shri J. K. Gupta, Head (Textiles), Shri Aditya Das, Sc-D, Shri Dharmbeer, Sc-D along with all other TXD officers	A mega textile event 'BHARATTEX' was organised by a consortium of 11 Textile Export Promotion Councils and supported by the Ministry of Textiles at two venues- Bharat Mandapam and Yashobhoomi from 26th to 29th February, 2024 in New Delhi. The four-day event commenced on February 26, 2024, with an inaugural ceremony graced by the presence of the Hon'ble Prime Minister, Shri Narendra Modi. During this session, the Prime Minister underscored BIS's achievement in formulating 380 standards over the past decade, showcasing its commitment to ensuring quality in the textile industry. At the exhibition area, BIS setup a stall to showcase, its important standards published in the field of textiles, through demonstration of ISI marked product and handbooks/literatures published, and engaging visitors with immersive audio-visual presentations. On the third day of BHARATTEX, BIS organized a panel discussion on 'Standards and

				<p>Regulations in the Field of Textiles’ on 28th February, 2024 at Bharat Mandapam. The session was chaired by Smt. Roop Rashi, Textile Commissioner and co-chaired by Shri H. J. S. Pasricha, Scientist G & DDG (Certification), BIS. Shri H. J. S. Pasricha, DDG (Certification), BIS and Co-chair of the session, spoke about the importance of Indian Standards and Technical Regulations/Quality Control Orders (QCOs) in building a quality ecosystem in the country. He also underscored the impact of digitalization in BIS activities, noting streamlined processes and improved monitoring and efficiency. During the special address, Smt. Roop Rashi, Chair of the session emphasized the pivotal role of standards in ensuring quality across the textile value chain. Shri J. K. Gupta, Head (Textiles), BIS, made a presentation on the ‘Status of Standardization in the Field of Textiles’. His presentation provided an overview of important published standards, standards under development, important subjects identified in SNAP 2022-27 and international participation in standardization activities in textiles. Shri Ajay Sardana, Executive Member, CPMA, New Delhi shared the industry perspective on</p>
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				standards and QCO. Smt. Roop Rashi, delivered concluding remarks, summarizing key takeaways from the session and highlighting actionable insights to drive progress in the formulation of standards in the emerging areas of textiles.
33	Workshop on 'Reinforced Soil Walls: Distresses and Remedies' organized by Central Board of Irrigation and Power, Chankyapuri	05-04-2024 to 06-04-2024 Central Board of Irrigation and Power, Chankyapuri	Shri Himanshu Shukla, Sc-B, TXD	Delivered a presentation on 'Status of Standardization in the Field of Geosynthetics' and participated in a panel discussion session in a workshop on 'Reinforced Soil Walls: Distresses and Remedies' organized by International Geosynthetics Society on 5th - 6th April at Central Board of Irrigation and Power, Chankyapuri.
34	Meeting on QCOs issued/under issuance by the Ministry of Textiles	02-04-2024 Udyog Bhawan, New Delhi	Shri J K Gupta, HTXD, Shri Pinaki Gupta, HCMD-II, Shri Aditya Das, Sc-D, and Shri Mayur Katiyar, Sc-B	During the meeting, the following points were discussed: i) It was suggested by the ministry to modify the title of the standard IS 15768 : 2008 appropriately to cover all types of flame retardant upholstery fabric. ii) During the meeting, it was proposed to bring QCO on textiles items of Flat woven webbing slings, Synthetic Polymer Rope Gabions and 9 other products of ropes and cordages. iii) There was a proposal suggesting the postponement of issuing the QCO for products such as tents, awnings, etc., due to their extensive range of applications. It was decided that the entire ecosystem surrounding tents and

				<p>awnings should first undergo standardization.</p> <p>Subsequently, the issuance of the QCO for these products can be considered. iv) It was suggested to organize awareness webinars on the products of protech which are under QCO with an aim of enhancing awareness on standards under QCO and their implementation.</p>
35	<p>National Symposium on Advancements in Composites, Speciality Fibres and Chemicals”</p> <p>Unleashing growth through Indigenization</p>	09.05.2024, Silver Oak, India Habitat Centre, New Delhi	<p>Mr. J.K. Gupta, Scientist-E, Head TXD, Mr. Swapnil, Scientist-B, Ms. Shikha Yadav, Scientist - B</p>	<p>The symposium aimed to explore the latest developments in the field of composites, specialty fibers, and chemicals, and to discuss strategies for fostering indigenization in these sectors. The event brought together experts, researchers, industry leaders, and policymakers to exchange ideas, share insights, and collaborate toward driving growth through indigenous innovations.</p> <p>Mr. J.K. Gupta, Scientist-E, Head TXD, shared his experience and knowledge of standards by actively participating as a panelist in the panel discussion on Quality and Sustainability. He informed the house about the contribution of BIS in developing new standards for high-performance fibers and composites. The panel discussion on Quality and Sustainability provided a valuable forum for industry experts to exchange ideas, insights, and best practices. By fostering collaboration</p>

				and knowledge sharing, the discussion contributed to advancing the industry's understanding of the critical link between quality, sustainability, and long-term success.
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ANNEX 22

(Item 9.2)

SEMINARS/ WORKSHOPS/GUEST LECTURES ORGANIZED BY BIS

Sl. no.	Title of the Programme (Conference/ Workshop/ Seminar/ Meeting)	Date & Place	No. of Participants	Important outcome/ discussion of the Programme
1.	District level officer sensitization program	15.05.2023 at Ashok Nagar, Madhya Pradesh	55	A sensitization Programme for District Officials of Ashok Nagar district, Madhya Pradesh was organized by Bhopal branch office on 15 May 2023 to create awareness among State Govt. Dept. regarding Standards of their interest, deepening the participation of State Govt. in the Standardization process including identification of new areas for standardization and Promotion of Standards and Quality in Public Procurement (Product and Services, Processes and Design and Management Systems). The program was attended by 55 state officials from various departments.
2.	Awareness and Implementation Webinar on Cotton Bales as per IS 12171 : 2019	30-05-2023 Video Conferencing	90	Textiles Department, Bureau of Indian Standards organized an “Awareness and implementation webinar on cotton bales as per IS 12171 : 2019” on 30 May 2023 . The webinar was attended by about 90 participants representing ginners and their associations, user industry, CIRCOT, MCX, and officials from Ministry of Textiles, Cotton Corporation of India etc. The main objectives of the webinar was to brief the participants about the salient features of Indian Standard IS12171 : 2019 for cotton bales

			<p>and disseminate information on Conformity Assessment scheme for grant of BIS license. Shri J. K. Gupta, Head, Textiles welcomed and briefed to all the participants about the cotton sector and its importance for the Indian economy. He also threw light upon the recent QCO on cotton bales issued by Ministry of Textiles. Shri Prajakta L Verma, Joint Secretary, Ministry of Textiles, inaugurated the webinar and welcomed all the participants present. While addressing to participants, she informed that present QCO has been issued after extensive consultation with stakeholders and discussions during various TAG meetings. She also said that QCO is a good instrument for developing quality culture in the country and its implementation will help in cotton textile sector growth. A detailed presentation on ‘Salient features of IS 12171 : 2019 for cotton bales’ was given by Shri Mayur Katiyar, Scientist B, Textiles. In his presentation, he apprised the participants about the important requirements like length, trash, moisture content, strength, micronaire etc as given in the standard. A presentation on ‘Conformity assessment scheme for Grant of license to use or apply Standard Mark (Scheme-II)’ was given by Shri Aditya Das, Scientist D, CMD-II. In his presentation, Shri Aditya Das briefed the participants about the process of grant of license as per scheme II</p>
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			<p>of schedule II of BIS (Conformity Assessment) Regulation, 2018. The webinar was followed by an open house discussion for question and answer. The query/issues raised by participants are as follows: -</p> <ol style="list-style-type: none"> 1. The ginners from Punjab and Haryana requested to modify the requirement of trash content for superior medium cotton from 3% to 4.5% and moisture content from 8% to 9.5 % maximum due to extreme climatic conditions. 2. The concern of insufficient testing labs in the country was raised by the ginners. The information related to the availability of test facilities for IS 12171 : 2019 for cotton bales across the country was provided and it was also informed that as soon as the QCO will be implemented, the private labs will also set up the required test facilities to compensate the demand supply gap. 3. It was also proposed to increase the requirement for trash content of CJ-73, V-797, Kalagin, Waghad and similar closed boll cotton from 6% to 12%. 4. It was also proposed that cotton bales with higher trash and moisture content may be accepted as per agreement between buyer and seller with a discounting provision. 5. Representative from Cotton Association of India (CAI) requested that the provision of penalties, especially criminal prosecution for non-compliance of the QCO may be relaxed. It was also request that import of cotton bales may be
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			<p>exempted from the QCO. It was informed that as per WTO-TBT guidelines, provisions of QCO are equally applicable both for domestic and foreign manufacturers. CAI representative also requested for BIS approval of 13 labs of CAI as per IS 12171:2019 for which they were requested to contact LRMD department of BIS. 6. It was also requested to extend the date of implementation of QCO to avoid the supply chain disruption. 7. Representative of Multi Commodity Exchange Clearing Corporation Limited (MCX) informed that issuing QCO for cotton bales is a welcome step to ensure the proper labelling and quality of Indian cottons. He also raised the issue of ensuring the quality of cotton after long storage. It was informed by CCI that after long storage, the cotton bales shall be rechecked and the test certificate is also reissued as per the revised parameters of cotton bales. 8. It was informed by CCI that for Punjab, Haryana and upper Rajasthan, maximum trash content for superior medium cotton has been specified as 4% and moisture content is 8 % maximum. Further, proportionate deductions are applicable while accepting cotton bales with higher trash and moisture content that specified. It was also proposed to incorporate additional grade of cotton in IS 12171:2019 in which the various requirements shall be as agreed between the</p>
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				<p>buyer and the seller to facilitate trading of cotton bales affected by natural calamities like floods, drought etc and/or fires. 9. A concern was also raised regarding the availability of BIS recognized labs situated in other countries for the import of cotton fibres to India. All the queries of participants were resolved, and it was decided to take up the technical issues with Man-made Fibres, Cotton and their Products Sectional Committee, TXD 31, for needful action.</p>
3.	<p>Awareness and implementation webinar on cotton bales as per IS 12171 : 2019 (North zone)</p>	<p>04-07-2023 Video Conferencing</p>	41	<p>Textiles Department organized an “Awareness and implementation webinar on cotton bales as per IS 12171 : 2019” on 04 July 2023 for northern zone. As directed by the Hon’ble Minister, it was the first webinar out of the series of three webinars (Northern zone, central zone and southern zone) for spreading awareness on the standard IS 12171 : 2019 for cotton bales and its certification process. The webinar was attended by about 41 participants representing ginners and their associations, user industry, CIRCOT, Textile research associations, officials from Ministry of Textiles (MoT), Cotton Corporation of India (CCI) etc. Shri J K Gupta, Head, Textiles welcomed all the participants and highlighted the importance of the cotton sector in the Indian economy. He informed that the certification process for cotton bales is online and user friendly. He also</p>

				<p>detailed about an amendment regarding the issue of the test certificate for cotton bale and on sampling plan for smooth implementation of QCO. Shri L K Gupta, CMD, CCI, during his address, emphasized that the implementation of QCO on cotton bales would contribute to enhancing quality consciousness across the country. Presentations on ‘Salient features of IS 12171 : 2019 for cotton bales’ and ‘Conformity assessment scheme for Grant of license to use or apply Standard Mark (Scheme-II)’ were given by Mayur Katiyar, Sc-B, TXD and Shri Aditya Das, Sc-D, CMD-II respectively. The webinar was followed by an open house discussion for questions and answers. All the queries of participants were resolved.</p>
4.	Awareness and implementation webinar on cotton bales as per IS 12171 : 2019 (Central zone)	19-07-2023 Video-conferencing	45	<p>Textiles Department organized an “Awareness and implementation webinar on cotton bales as per IS 12171 : 2019” on 19 July 2023 for central zone. As directed by the Hon’ble Minister, it was the second webinar out of the series of three webinars (Northern zone, central zone and southern zone) for spreading awareness on IS 12171 : 2019 for cotton bales and its certification process. The webinar was attended by about 45 participants representing ginners and their associations, user industry, CIRCOT, Textile research associations, FPOs, farmers, officials from Ministry of</p>

				<p>Textiles (MoT), Cotton Corporation of India (CCI) etc. Shri J. K. Gupta, Head (Textiles), extended a warm welcome to all participants and briefed about the proposed amendment regarding trash, moisture content and inclusion of special variety of cotton in IS 12171 : 2019 for smooth implementation of the QCO. Shri Vijay Kuradage, Director Marketing, CCI, during his address, emphasized the role of the QCO as the starting point for setting the benchmark for the quality of Indian cotton across the globe. Presentations on ‘Salient features of IS 12171 : 2019 for cotton bales’ and ‘Conformity assessment scheme for Grant of license to use or apply Standard Mark (Scheme-II)’ were given by Mayur Katiyar, Sc-B, TXD and Shri Aditya Das, Sc-D, CMD-II respectively. The webinar was followed by an open house discussion for questions and answers. All the queries of participants were resolved</p>
5	6th FICCI-BIS-MoT National Conclave on Technical Textiles	25 July, 2023 at FICCI, New Delhi.	200	<p>TXD jointly with FICCI and Ministry of Textiles organized 6th National Conclave on Standards & Regulations for Technical Textiles on 25 July, 2023 at FICCI, New Delhi. More than 200 delegates attended the conclave including officials and representatives from industry, users, various ministries and BIS. During the inaugural session, Smt. Rachna Shah, Secretary, MOT, Shri H J S Pasricha, DDG (Certification &</p>

			<p>CSMD), BIS and other dignitaries released following 4 new Indian standards published on technical textiles: (i) IS 18266 : 2023, Medical Respirator (ii) IS 18309 : 2023 Geosynthetics — Prefabricated Vertical Drains for Quick Consolidation of Very Soft Plastic Soil (iii) IS 18158 : 2023 Textile — Floor Covering - Artificial Grass Carpet made of Synthetic Yarn for Landscape; and (iv) IS 18161 : 2023, Light Weight Jute Sacking Bags for Packing 50 kg Mustard Seed, Niger Seed and Ragi. Shri H J S Pasricha, DDG (Certification), BIS spoke at the forum regarding the importance of standardization and regulation of technical textiles and the various initiatives taken by BIS to promote standards and quality culture in the country. Shri J.K. Gupta, Head (Textiles) made a brief talk on salient features of above standards during inaugural session. The conclave featured 5 technical session and panel discussion on standards and regulation on technical textiles representing delegates and experts from industry and trade, BRO, CRPF, CRRI, Indian Navy, ICMR, CDSCO, IIT Delhi, CBRI, CCRI, CPWD and other government officials. During the technical session, the theme presentation on different segment of technical textiles were delivered by following BIS officials: a) Agrotech, Packtech and Mobiltech by Shri J. K. Gupta, Head (TXD). This session was Chaired by Shri J.K. Gupta, Head, TXD b)</p>
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				<p>Implementation of QCOs on technical textiles by Shri Pinaki Gupta, Head (CMD- c) Medtech by Shri Dharmbeer, Sc-D d) Protech by Shri Mayur Katiyar, Sc-B. The session on Protech was co-chaired by Shri J.K. Gupta, Head, TXD e) Geotech by Shri Himanshu Shukla, Sc-B An appeal was also made to all the delegates from industry and trade to implement Indian Standards in their domain areas and to opt for BIS conformity assessment scheme to ensure the quality of their product in order to gain consumer confidence. Various queries of stakeholders pertaining to standardization and other related activities of BIS were answered. The event was widely covered by the media.</p>
7.	Awareness and implementation webinar on cotton bales as per IS 12171 : 2019 (South zone)	03-08-2023 Video Conferencing	27	<p>Textiles Department, BIS organized an “Awareness and implementation webinar on cotton bales as per IS 12171 : 2019” on 03 August 2023 for southern zone. As directed by the Hon’ble Minister, it was the third webinar out of the series of three webinars (Northern zone, central zone and southern zone) for spreading awareness on IS 12171 : 2019 for cotton bales and its certification process. The webinar was attended by about 27 participants representing various stakeholders including CIRCOT, officials from Ministry of Textiles (MoT), Cotton Corporation of India (CCI) etc. The main objectives of the webinar was to brief the participants about the salient features of standard IS 12171 :</p>

			<p>2019 for cotton bales and disseminate information on Conformity Assessment scheme for grant of BIS license. Shri J. K. Gupta, Head of Textiles, extended a warm welcome to participants and provided a comprehensive overview of India's cotton sector. He emphasized the significance of the Quality Control Order (QCO) in enhancing cotton quality and mentioned that the scheme under which the QCO on cotton bales has been issued, doesn't require any onsite visit by the BIS officer. He also informed that the amendment No. 3 to IS 12171 : 2019 has been proposed which includes the modifications in trash content of super medium cotton from 3% to 4% for cotton grown in Punjab, Haryana and Rajasthan. He also informed that the moisture content of more than 8% has been allowed in the amendment subject to appropriate discounting. He also informed that a special variety of cotton has been incorporated for the cotton which have been affected by natural calamities. Shri Lalit K Gupta, CMD of CCI, extended a warm welcome to all the participants and stressed the pivotal role of the QCO in establishing a global quality benchmark for Indian cotton. He also said that he was hopeful that after the implementation of the amendment proposed by BIS, all the issues of the ginners will be resolved. He also expressed his</p>
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				<p>confidence in a seamless implementation of the QCO, anticipating minimal challenges. A detailed presentation on ‘Salient features of IS 12171 : 2019 for cotton bales’ was given by Shri Mayur Katiyar, Sc-B, Textiles Department. In his presentation, he apprised the participants about the salient features of the standard and also gave information on the requirements like length, trash, moisture content, strength, micronaire etc. as given in the standard. A presentation on ‘Conformity assessment scheme for Grant of license to use or apply Standard Mark (Scheme-II)’ was given by Shri Aditya Das, Sc-D, CMD-II. In his presentation, Shri Aditya Das briefed the participants about the process of grant of license as per scheme II of schedule II of BIS (Conformity Assessment) Regulation, 2018 The webinar was followed by an open house discussion for question and answer in which it was proposed that name of the special variety of cotton may be changed appropriately so that it gives correct impression of the cotton affected by natural calamities. All the queries of participants were resolved. The webinar was concluded with a hearty vote of thanks from Shri J K Gupta Scientist-E & Head Textiles.</p>
8.	Capacity building program for members of BIS Technical committees organised by NITS, Noida	25-09-2023 NITS, Noida.	30	Capacity building program for members of BIS Technical committees was organized on 25 September 2023 at NITS, Noida.

				During the program, a workshop on research and development projects in formulation and review of Indian Standards was conducted by Shri J K Gupta, HTXD and Shri Navindra Gautam, HMED. During the workshop the participants were divided into groups and each group was assigned a standard to identify the opportunity of R&D in the standard and presentations were also given by different groups.
9	Capacity Building Programme for the Officials of the State Health Departments at NITS, Noida	13 October, 2023 at NITS, Noida.	30	A capacity building programme for the officials of the state health departments was held on 13 October, 2023 at NITS, Noida. A detailed presentation on 'Indian Standards on Medical Textiles' was delivered by Shri Dharmbeer, Scientist-D, Textiles. The participants were apprised about salient features of the important Indian standards on Medical Textiles – Surgical mask, coverall, surgical gowns and drapes, Sanitary napkins, Diapers, Coverall, cotton, bedsheet and pillow covers, bandage etc.
10	BIS Quality Talk on strengthening the fabric of India: Textiles Standards	18 October, 2023 Through VC	350	Textile Department in coordination with Public Relation Department organized BIS Quality Talk on strengthening the fabric of India: Textiles Standards on 18 October, 2023. About 350 participants were tuned in for the quality talks and more 5400 views were recorded. During the quality talk, Mr. J.K. Gupta, Head of Textiles, provided the audience with insights into important standards published

				by BIS in the domains of Agro-textiles, Protective Textiles, and Geosynthetics. He emphasized the technical textile sector's crucial role in upholding quality and standards. Additionally, Shri Gupta shed light on the new areas identified by BIS under SNAP for formulation of standards and QCOs issued by the Ministry of Textiles in the field of Technical Textiles. Shri Dharmbeer, Sc-D highlighted the important standards published by BIS in the field of Medical Textiles. The participants' technical queries were addressed and answered during the event.
11	Daylong workshop on standardization at University of Visvesvaraya, College of Engineering, Bengaluru organized by BNBO	05-10-2023 Bengaluru	200	During the workshop, sessions/Group exercise/Group discussion on awareness about BIS through questionnaire, overview of BIS, group exercise on formulating a standard, group discussion on role of R&D in standards formulation, group discussion on the roadmap for implementation of the MoU, demonstration on the digital initiatives of BIS, and standard clubs were made. During the programme, the institutes agreed to undertake R&D projects, introduce a course on standardization in the curriculum and participate in the relevant technical committees of BIS.
12	A daylong workshop to share information about standards and standardization process for the faculties of Andhra University, College of	16-10-2023 Visakhapatnam	150	During the workshop on making draft Standards, the faculty displayed respectable awareness of Indian Standards and were guided on how research/

	Engineering Visakhapatnam organized by VJBO		<p>validation projects can make Standards more robust. Faculties have shown interest in joining as experts in Technical Committees. Prof (Dr.) D. Appala Naidu has expressed interest in joining as expert member in the field of 'Environmental Pollution Control'. Dr. P. Venkata Rao, Assistant Professor, Chemical Engineering Dept has expressed interest in joining as expert member in the field of 'Electrochemical' and 'Corrosion Control'. Ms. K. Tulsi, Research Scholar, Civil Engineering Department proposed an R&D project on 'Use of geosynthetic clay liners (GCL) in waste by-products dumping yards'. The information on institutions' strength, R&D experience etc. was gathered during the workshop. During the workshop, information on BIS Internship scheme, standards club, industrial exposure visit etc. was also shared with the students who also came to interact with BIS team. The Vice-Chancellor, promised to encourage College of Engineering, Andhra University students for applying in BIS Internship program. The Program was followed by meeting of BIS Officers with Prof. S. Lakshmi Narayana, Nodal Officer of College of Engineering, Andhra University. He thanked BIS for bringing such initiatives and organizing programs and assured all support</p>
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				from their side to take the MOU further forward.
13	16th LEPAC for creating the test facilities for cotton bales as per IS 12171 : 2023 at NROL organized by LPPD	18-10-2023 BIS, New Delhi	60	A meeting under the chairpersonship of Smt Nishat Sultana Haque, DDG (Labs) was organized on 18 October 2023 at BIS, New Delhi. During the meeting, the inputs regarding number of ginneries in Punjab, Haryana and Rajasthan were provided. It was also suggested that along with HVI, the test facilities for determining trash by Shirley Analyzer and for packaging material of cotton bales like strapping, cloth and sewing threads may also be created. It was also informed that IS 12171 : 2019 has been revised as IS 12171 : 2023 and is under publication.
14	Awareness and Implementation Webinar on QCOS on Identified Indian Standards under Medical Textiles	20 November 2023 Virtual Mode	120	Shri J K Gupta, Head Textiles welcomed all the delegates from Industry/trade and briefed about the program objectives. He highlighted the important standards brought under QCO by Ministry of Textiles and appealed the stakeholders to implement Indian Standards in their domain areas and to opt for BIS conformity assessment scheme, in order to gain confidence of the users. He informed the participants about new initiatives taken by BIS for digitization of standardization activity and process reforms aimed at the strengthening of the standardization process. A detailed presentation on 'Salient Feature of Indian Standards

			<p>Brought under QCO' was delivered by Shri Dharmbeer, Scientist D, Textiles. He apprised the delegates about the salient features, performance requirement and test method of the following important Indian standards brought under quality control order by Ministry of Textiles : - 1) IS 5405 : 2019, Sanitary Napkins — Specification (Second Revision) 2) IS 17514 : 2021, Reusable Sanitary Pad/Sanitary Napkin/Period Panties — Specification 3) IS 17509 : 2021, Disposable Baby Diaper — Specification 4) IS 17349 :2020 Shoe Cover 5) IS 17354 : 2020 Dental Bib/Napkin 6) IS 17630 : 2020 Bedsheet and Pillow Cover</p> <p>A detailed presentation on 'Overview of BIS Certification (Scheme-I) with a focus on medical textiles products' was delivered by Shri Aditya Das, Scientist-D, CMD-2 BIS. In his presentation, Shri Das briefed the participants about the Scheme-1 of BIS Conformity Assessment for grant of license, documents required for applying for license, concession of marking fess for MSME sector, cluster base test facility, procedure for applying BIS license on Manak online portal etc. The session was followed by a brief Q & A and all the queries raised by participants were resolved. The technical comments were noted down for necessary action in TXD 36 committee. The webinar was concluded with a hearty vote of thanks from Shri Dharmbeer,</p>
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				Scientist D, Textiles to all delegates and experts from Industry.
15	Meeting of Standardization Cells of various Ministries/Departments of Government of India	28-11-2023 Manak Bhawan, New Delhi	50	A Meeting of Standardization Cells of various Ministries/Departments of Government of India was organized at Manak Bhawan on 28 November 2023. During the meeting, Shri J K Gupta, HTXD and Shri Dharmbeer, Sc-D were the designated Resource Person for Ministry of Textiles. During the meeting, the representatives were briefed on the following points: i) Status of the standardization of technical textiles (Geotech, Agrotech, Protech, Medtech etc.). ii) The new areas for standardization identified in SNAP related to Ministry of Textiles, iii) The Mapping of Indian Standards against the Schemes/Missions of Ministry of Textiles. iv) The saliant features of the Advanced Dashboard of the Standardization Module including the attendance of the representatives from ministry were demonstrated. v) A draft Annual Programme for Standardization (APS) for the year 2024-25 was chalked out after extensive discussion with the representatives of the ministry.

16	Meeting of Manak Mantrana	18-12-2023 Manak Bhawan, New Delhi	120	<p>A meeting was organized by SCMD on 18 December 2023 for better coordination among the Standardisation Departments, BOs and Labs, and to ensure that the practical issues faced in the implementation of the standards are duly and promptly factored into the review of standards. From Textiles Department, Shri J K Gupta HTXD, Shri Dharmbeer, Sc-D, Shri Mayur Katiyar, Sc-B and Shri Tanishq Awasthi, Sc-B attended the meeting. During the meeting, the following inputs were provided by Textiles Department: A) Regarding the inputs sought from TXD on the requirement on number of joined bags per bundle of 25 bags as per Table 2 of IS 15138: 2010 and IS 16186: 2014, it was informed that TXD has already provided the clarification that no. of joined bags per bundle of 25 bags shall be maximum 1 instead of 1 and a suitable amendment for the same is also under publication. B) It was also informed by AHBO that only knitting as method of manufacture is specified in IS 16008 (Part 1) : 2016 for Shade Nets for Agriculture and Horticulture Purposes made from Tape Yarns. TXD informed that as per the present information only knitting method is used for manufacturing shade nets across the nation. BO may share any data with the Technical Department for the shade nets being manufactured through</p>
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				weaving method. C) Regarding the comments received from CNBO on the performance levels for radiant heat tests (C1, C2, C3) as specified in IS 15748 : 2022, it has already been clarified to the BO that if the test result for a declared performance level of radiant heat (For example C1) exceeds the range of that performance level, then the test result shall be considered as conforming for that performance level. A suitable amendment for the same will be issued shortly.
17	IEC/ISO Workshop on Digital Transformation	22-01-2024 to 23-01-2024 Yashobhoomi, Delhi	200	BIS organized an IEC/ISO workshop on digital transformation, around 200 participants from industry, different NSB around the world and BIS participated in the workshop. The workshop focused on the topic of smart standards and their usage in current domain.
18	Consultative webinar with Industry Associations and BIS Licensees for Framing Rolling Annual Action Plan 2024-25.	18-01-2024 Video Conferencing	110	TXD organized a consultative webinar with Industry Associations and BIS Licensees on 18 January, 2024 for Framing Rolling Annual Action Plan 2024-25 in the Field of Textiles through video conferencing. About 110 participants including representatives from Industry, Industry Associations and BIS licensees attended the webinar. Shri J.K. Gupta, Scientist 'E' and Head (Textiles) extended a warm welcome to the attendees and informed them about the program objective. He also made a presentation on important published standards, standards

			<p>under development, important subjects identified in SNAP 2022-27 and recent process reforms in the standardization domain. Representatives from Industry Associations including FICCI, ITTA, CPMA and CITI made presentations on the new subject areas, emerging trends, major challenges in the field of textile including technical textiles. During presentations, representatives detailed on the need for developing standards in the field of Medtech (sutures, meshes, grafts), Mobiltech (polyester tyre cords, seatbelts), Protech (anti flash hood, fire proximity suits), Composites (glass and carbon fibre composites) and other emerging areas. They also presented case study how the standards are acting as an effective tools for checking import of substandard polyester fibres and suggested the need of formulation of standards in the area of synthetic fibres, yarn and fabric made of viscose, acrylic, nylon, polyester and their blends to span the standardization for complete textile value chain. The program was followed by an open house discussion where the participants provided suggestion for new subjects/areas and gap areas for formulation of new standard and revision of existing standard for including in AAP 2024-25. Around 60 subjects were identified for formulation of new standards and prioritized revision of Indian Standards</p>
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				under Annual Action Plan for the period 2024-25.
19	Meeting with official of Northern Railways regarding the urgent formulation of Indian Standards for various railway-related products such as Bedsheets, Pillow Covers, Woollen Blankets, Pillows & Pillow Protectors, and Towels organized by TXD	27-12-2023 Manak Bhawan, New Delhi	30	During the meeting the following points were discussed: a) During the meeting, constructional and performance parameters (Soil release efficiency and Antimicrobial activity) of bedsheets, pillow covers, woollen blankets, pillows & pillow protectors, and towels were discussed for incorporating these suitably into the Indian Standards. b) Northern railway was requested to provide the relevant background data, test reports and railway committee report on the above subjects which will be suitably discussed in the relevant technical committee meeting. c) Shri Sandeep Kumar Singh (Deputy Chief Material Manager) was appointed as nodal officer from northern railways for effective co-ordination.
20	Capsule course on Indian Standards on code of practice for Jute Geotextiles	29-01-2024 to 30-01-2024 ERL, Kolkata	40	NITS and Textile Department, BIS organized a capsule course on Indian Standards on code of practice for jute geotextiles between 29-30 January, 2024 at ERL, Kolkata. The program was attended by around 40 participants representing jute geotextile manufacturers, users (PWD, Irrigation & waterways department, railways, rural

				works department etc.), academia and testing labs. Shri Himanshu Shukla, Sc-B, TXD delivered a presentation highlighting the salient features of Indian Standards on jute geotextiles [IS 14715 (Part 1 & 2) : 2016 and IS 14986] which covered constructional, performance and hydraulic requirements for jute geotextiles, their functions and application areas, erosion control mechanism, their selection and installation in slopes of roads, railway embankments and hill slopes etc. He also made a presentation on 'BIS Standards formulation and Conformity Assessment Overview with Introduction to Digital platforms' highlighting standard formulation activity of BIS, committee structure, functioning of technical committees and process reforms in the standardization activity and conformity assessment scheme in view of QCO on geosynthetic products. Technical presentations were also made by Shri P. K. Choudhury, Member, TXD 30 & Shri Mahadeb Datta, Head (Technical Department), NJB, Kolkata
21	Two day capsule course on Indian Standards pertaining to code of practice for coir geotextiles	21-03-2024 to 22-03-2024 CCRI, Kalavoor	30	NITS and Textile Department, BIS organized a capsule course on Indian Standards pertaining to code of practice for coir geotextiles between 21-22 March, 2024 at Central Coir Research Institute, Kalavoor. The program was attended by around 30 participants

				<p>representing coir geotextile manufacturers, research scholars, users and testing laboratories. Shri Himanshu Shukla, Sc-B, TXD delivered a presentation highlighting the salient features of Indian Standards on coir geotextiles [IS 15869 : 2020, IS 15871: 2009, IS 15872: 2009 and IS 15868 (Part 1 to 6) : 2008] which covered constructional, performance and hydraulic requirements for coir geotextiles, their functions and application areas, erosion control mechanism, their selection and installation in slopes of roads, embankments and hill slopes etc. He also made a presentation on ‘Standardization Process & Reforms, Digital Platforms’ highlighting standard formulation activity of BIS, committee structure, functioning of technical committees and process reforms in the standardization activity. Shri Sandeep S. Kumar, Sc-D, KOBO, made a presentation on BIS Conformity Assessment Schemes. Dr. K. Balan, Vice Principal, Rajdhani Institute of Engineering & Technology, Keral and Dr. Anil Joseph, Indian Geotechnical Society made presentations on multifaceted applications using coir geotextiles, case studies on the application of coir geotextiles in roads, riverbank protection, slope stabilization in embankment and control of track settlement etc. Smt. Sumi Sebastian, Senior Scientific</p>
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				<p>Officer CCRI, Kalavoor made a presentation on coir geotextile as sustainable option for erosion control and reinforcement applications, properties of coir geotextiles and their testing methodologies. The program was followed by an open house discussion session where the participants shared their experiences on novel application areas of coir geotextiles (coir logs, coir sheets and coir geocell) for soil reinforcement and erosion control, emphasizing the necessity for standardization for these products. The program concluded with hearty vote of thanks and distribution of participation certificates to all attendees.</p>
22	<p>Panel discussion on 'Standards and Regulations in the Field of Textiles' on 28th February, 2024 at Bharat Mandapam</p>	<p>28-02-2024 Bharat Mandapam, New Delhi</p>	100	<p>At the exhibition area, BIS setup a stall to showcase, its important standards published in the field of textiles, through demonstration of ISI marked product and handbooks/literatures published, and engaging visitors with immersive audio-visual presentations. Co-ordinated with stakeholders for logistic support for sample arrangement, participation in the panel discussion</p>
23	<p>Faculty Sensitization Programme at Uttar Pradesh Textile Technology Institute, Kanpur</p>	<p>07-03-2024 UPTTI, Kanpur</p>	15	<p>In accordance with the directives from the Standards Coordination & Monitoring Division (SCMD), Lucknow Branch Office organized a half day long workshop with the faculty of Uttar Pradesh Textile Technology Institute, Kanpur on</p>

				<p>07 March, 2024. The program was inaugurated by Dr. G. Nalankilli, Director, Uttar Pradesh Textile Technology Institute, Kanpur. Around 15 faculty members and students participated in the workshop. From BIS, Shri A K Bera, HSCMD, Shri Chandrakesh Singh, Sc-D, LKBO and Shri Mayur Katiyar, Sc-B conducted the programme. During the program, Shri A K Bera briefed the participants about the objective of the faculty sensitization program. The faculty members and students were informed about various activities conducted by BIS, the standard development process, the significance of standards, and the new initiatives implemented for digitizing standardization activities. Additionally, they were briefed on the advantages of MoU/collaboration with BIS, the role of Research & Development Projects in setting standards, the R&D projects undertaken by BIS, and the terms of reference for such projects.</p>
24	CII-BIS Interaction on Strengthening the Quality Ecosystem through QCOs and Standardization in the Capital Goods Sector	12-03-2024 Bengaluru	100	<p>A detailed presentation on Indian standard on Textiles was delivered by Shri Mayur Katiyar. During the presentation the following points were covered: i) The complete overview of the Textiles Department was given including the number of sectional committees, total number of standards published etc. ii) Important standards on</p>

				protective textiles, geotextiles, agrotextiles and conventional textiles were explained during the presentation. iii) All the queries of the participants were resolved.
25	6th Edition of Right Hygiene International Conference for the absorbent hygiene industry was organized by Business Co-ordination House (BCH) on 20-21 March 2024 at Andaz by Hyatt, Aerocity, New Delhi	21 March 2024 New Delhi		A presentation on ‘Standards and Regulation on Absorbent Hygiene Products’ was delivered by Shri Dharmbeer, Scientist D, Textiles Department on 21 March 2024 during the above event.
26	Workshop for Scientific Officers of Technical Department organized by Central Laboratory, BIS	17-05-2024 Shahibabad, New Delhi	15	Central Laboratory, BIS has organised a workshop for Scientific Officers of Textile Department (TXD) on 17-05-2024 where a hand to hand discussion about the issues being faced in the standards along with the practical demonstration of available facilities for testing of textile products. The issues faced by the scientific officers and testing personnel from central laboratory such as measurement practice for width of HDPE/PP woven sacks including or excluding gusset width, way of selecting reference material for filling of sacks before performing drop test and issue related to measurement of dimensional requirements of sanitary napkins etc. were resolved in the workshop after a detailed technical discussion. New suggestions or comments were exchanged between the scientific officers for the qualitative development of Indian Standards. Practical

				demonstrations of test facilities have made the understanding of scientific officers of TXD more clear towards the test methods of the related products as mentioned in the Indian Standards..
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ANNEX 23

(Item 10.1)

LIST OF ISO TECHNICAL COMMITTEES AND SUBCOMMITTEES

		India Member Body's Status
ISO/TC 38	Textiles	P
TC 38/SC 1	Tests for coloured textiles and colorants	P
TC 38/SC 2	Cleansing, finishing and water resistance tests	P
TC 38/SC 20	Fabric descriptions	P
TC 38/SC 23	Fibres and yarns	P
TC 38/SC 24	Conditioning atmosphere and physical tests for textile fabrics	P
ISO/TC 72	Textile machinery and accessories	P
TC 72/SC 1	Spinning preparatory, spinning, twisting and winding machinery and accessories	P
TC 72/SC 3	Machinery for fabric manufacturing including preparatory Machinery and accessories	P
TC 72/SC 4	Dyeing and finishing machinery and accessories	P
TC 72/SC 5	Industrial laundry and dry cleaning machinery and accessories	P
TC 72/SC 8	Safety requirements for textile machinery	O
ISO/TC 94	Personnel Safety – protective Clothing and Equipment	P
TC94/SC 13	Protective Clothing	P
ISO TC 133	Clothing sizing systems - size designation, size measurement methods and digital fittings	P
ISO/TC 219	Floor Coverings	P
ISO/TC 221	Geosynthetics	P

ISO/TC 338

Menstrual products

P

P - indicates Participating Member and

O - indicates Observer Member

ANNEX 24

(Item 10.1)

BALLOTS CAST ON ISO DOCUMENTS RECEIVED

SI No.	ISO/Technical Committee	ISO/IEC document number	Voted with comments (VC)/Voted without comments (V)	Date Ballot Cast
1.	ISO/TC 219	Resolution 2023-01 to approve the revision of ISO20251:2016, Resolution 2023-01 to revise ISO 20251:2016 Textile floor coverings — Water impermeability test	V	01-05-2023
2.	ISO/TC 219	Resolution 2023-02 to approve the revision of ISO10833:2017, Resolution 2022-02 to approve the revision of ISO10833:2017 “Textile floor coverings — Determination of resistance to damage at cut edges using the modified Vettermann drum test”	V	01-05-2023
3.	ISO/TC 38/SC 23	ISO/FDIS 5688, Textiles — Synthetic filament yarns — Test method for crimp properties of textured yarns	V	22-12-2023
4.	ISO/TC 38/SC 23	ISO/FDIS 7249, extiles — Fibres — Determination of burning behaviour by oxygen index	V	22-12-2023
5.	ISO/TC 38	CIB voting request on approval of revision of ISO 9073-11, CIB voting request on the approval of the revision of ISO 9073-11:2002: Textiles — Test methods for nonwovens — Part 11: Run-off	V	22-12-2023
6.	ISO/TC 38	CIB voting request on approval of revision of ISO 9073-8, CIB voting request on the approval of ISO 9073-8:1995:Textiles - Test methods for nonwovens - Part 8: Determination of liquid strike-through time (simulated urine)	V	22-12-2023
7.	ISO/TC 38/SC 23	ISO/DIS 12834, Textiles — Synthetic filament yarns — Determination of	V	08-01-2024

		dynamic thermal draw-force of partially oriented yarns (POY)		
8.	ISO/TC 38/SC 1	ISO/FDIS 105-C12 (Ed 2), Textiles — Tests for colour fastness — Part C12: Colour fastness to industrial laundering	V	08-01-2024
9.	ISO/TC 94	ISO/TC 94 Appointment of new Chair, Appointment of new Chair ISO/TC 94 Personal safety - Personal protective equipment	V	08-01-2024
10.	ISO/TC 221	ISO/DTR 18228-10, Design using geosynthetics — Part 10: Asphalt pavements	V	08-01-2024
11.	ISO/TC 38/SC 23	CIB voting request on SR voting result of ISO 2947:1973, Textiles — Integrated conversion table for replacing traditional yarn numbers by rounded values in the Tex System	V	08-01-2024
12.	ISO/TC 219	ISO/CD 10833, Textile floor coverings — Determination of resistance to damage at cut edges using the modified Vettermann drum test	V	08-01-2024
13.	ISO/TC 219	Resolution 2024-03 registration PWI rev4919:2012, Resolution 2024-03 for the registration of a Preliminary Work Item for the revision of ISO 4919:2012 "Carpets - Determination of tuft withdrawal force"	V	08-01-2024
14.	ISO/TC 38/SC 1	ISO/FDIS 105-B04 (Ed 5), Textiles — Tests for colour fastness — Part B04: Colour fastness to artificial weathering: Xenon arc fading lamp test	V	24-01-2024
15.	ISO/TC 38	ISO/DIS 18184 (Ed 3), Textiles — Determination of antiviral activity of textile products	V	24-01-2024
16.	ISO/TC 38	ISO/FDIS 18692-5, Fibre ropes for offshore stationkeeping — Part 5: Aramid	V	24-01-2024
17.	ISO/TC 38	ISO/NP 24269, Nonwovens — Performance requirement and test methods — non-medical face masks (General use face mask)	VCE	30-01-2024

18.	ISO/TC 38	ISO/NP 22195-9, Textiles — Determination of index ingredient from coloured textile — Part 9: Gallnut	VE	31-01-2024
19.	ISO/TC 219	Resolution 2024-02 to activate ISO/PWI 4918 revision, Resolution by correspondence 2024-02 to activate ISO/PWI 4918 revision 'Resilient, textile, laminate and modular mechanical locked floor coverings — Castor chair test'	V	08-02-2024
20.	ISO/TC 219	ISO/CD 23106, Textile floor coverings — Production of changes in appearance by means of Vettermann drum tester	V	08-02-2024
21.	ISO/TC 38/SC 23	CIB voting request on SR voting result of ISO 1130:1975	V	08-02-2024
22.	ISO/TC 38/SC 23	CIB voting request on SR voting result of ISO 1139:1973	V	08-02-2024
23.	ISO/TC 72/SC 1	SR result ISO 16854:2004 - proposed withdrawal,	V	08-02-2024
24.	ISO/TC 72/SC 1	SR result ISO 28239:2008 - proposed withdrawal	V	08-02-2024
25.	ISO/TC 72/SC 1	SR result ISO 8114:1990 - proposed withdrawal	V	08-02-2024
26.	ISO/TC 72/SC 1	SR result ISO 8489-1:1995 - proposed withdrawal	V	08-02-2024
27.	ISO/TC 72/SC 1	SR result ISO 8489-2:1995 - proposed withdrawal	V	08-02-2024
28.	ISO/TC 72/SC 1	SR result ISO 8489-3:1995 - proposed withdrawal	V	08-02-2024
29.	ISO/TC 72/SC 1	SR result ISO 8489-4:1995 - proposed withdrawal	V	08-02-2024
30.	ISO/TC 72/SC 1	SR result ISO 8489-5:1995 - proposed withdrawal	V	08-02-2024
31.	ISO/TC 38/SC 2	CIB for the extension of ISO/AWI 14419 and ISO/CD 6956	V	08-02-2024
32.	ISO/TC 38/SC 2	N1352_CIB_for_revising_ISO 15487_2018	V	08-02-2024
33.	ISO/TC 72	Appointment ISO/TC 72/CAG Convenor	V	23-02-2024
34.	ISO/TC 72	ISO/TC 72/SC 1 new Chair	V	23-02-2024
35.	ISO/TC 72	ISO/TC 72/SC 10 new Chair	V	23-02-2024

36.	ISO/TC 133	ISO TR 6705	V	26-02-2024
37.	ISO/TC 38/SC 23	CIB voting request on SR voting result of ISO 8159:1987	V	26-02-2024
38.	ISO/TC 338	Acceptance on Strategic Business Plan for ISO/TC 338	V	27-02-2024
39.	ISO/TC 38/SC 1	CIB voting request on the approval for PWI registration, Textiles – Determination of colour fastness grades by mobile computing devices	V	27-02-2024
40.	ISO/TC 38	ISO 1806:2002 (Ed 2, vers 4), Fishing nets — Determination of mesh breaking force of netting	V	29-02-2024
41.	ISO/TC 38	ISO 1833-6:2018 (Ed 2), Textiles — Quantitative chemical analysis — Part 6: Mixtures of viscose, certain types of cupro, modal or lyocell with certain other fibres (method using formic acid and zinc chloride)	V	29-02-2024
42.	ISO/TC 38	ISO 1833-20:2018 (Ed 2), Textiles — Quantitative chemical analysis — Part 20: Mixtures of elastane with certain other fibres (method using dimethylacetamide)	V	29-02-2024
43.	ISO/TC 38	ISO 5089:1977 (vers 7), Textiles — Preparation of laboratory test samples and test specimens for chemical testing	V	29-02-2024
44.	ISO/TC 38	ISO 6940:2004 (Ed 2, vers 4), Textile fabrics — Burning behaviour — Determination of ease of ignition of vertically oriented specimens	V	29-02-2024
45.	ISO/TC 38	ISO 10047:1993 (vers 5), Textiles — Determination of surface burning time of fabrics	V	29-02-2024
46.	ISO/TC 38	ISO 11224:2003 (Ed 2, vers 4), Textiles — Web formation and bonding in nonwovens — Vocabulary	V	29-02-2024
47.	ISO/TC 38	ISO 15831:2004 (vers 4), Clothing — Physiological effects — Measurement of thermal insulation by means of a thermal manikin	V	29-02-2024

48.	ISO/TC 38	ISO 18254-2:2018, Textiles — Method for the detection and determination of alkylphenol ethoxylates (APEO) — Part 2: Method using NPLC	V	29-02-2024
49.	ISO/TC 38	ISO 18692-1:2018, Fibre ropes for offshore stationkeeping — Part 1: General specification	V	29-02-2024
50.	ISO/TC 38	ISO 20615:2018, Fibre ropes — Electrostatic surface potential measuring method	V	29-02-2024
51.	ISO/TC 38	ISO 20645:2004 (vers 4), Textile fabrics — Determination of antibacterial activity — Agar diffusion plate test	V	29-02-2024
52.	ISO/TC 38/SC 23	ISO 10290:2018 (Ed 2), Textiles — Cotton yarns — Basis for specification	V	29-02-2024
53.	ISO/TC 38/SC 23	ISO 21046:2018, Silk — Test method for determining the size of silk yarns	V	29-02-2024
54.	ISO/TC 38/SC 24	ISO 13934-1:2013 (Ed 2, vers 2), Textiles — Tensile properties of fabrics — Part 1: Determination of maximum force and elongation at maximum force using the strip method	V	29-02-2024
55.	ISO/TC 38/SC 24	ISO 20932-1:2018, Textiles — Determination of the elasticity of fabrics — Part 1: Strip tests	V	29-02-2024
56.	ISO/TC 38/SC 24	ISO 20932-2:2018, Textiles — Determination of the elasticity of fabrics — Part 2: Multiaxial tests	V	29-02-2024
57.	ISO/TC 38/SC 24	ISO 20932-3:2018, Textiles — Determination of the elasticity of fabrics — Part 3: Narrow fabrics	V	29-02-2024
58.	ISO/TC 72/SC 1	ISO 9903-1:2003 (vers 4), Textile machinery and accessories — Main dimensions for section wires for metallic card clothing — Part 1: Foot without interlocking or interchaining	V	29-02-2024
59.	ISO/TC 72/SC 1	ISO 9903-2:2003 (vers 4), Textile machinery and accessories — Main dimensions for section wires for metallic	V	29-02-2024

		card clothing — Part 2: Foot with interchaining		
60.	ISO/TC 72/SC 1	ISO 21485:2013 (Ed 2, vers 2), Textile machinery — Draw frame for cotton spinning — Vocabulary and principles of construction	V	29-02-2024
61.	ISO/TC 72/SC 3	ISO 108:1976 (vers 8), Textile machinery and accessories — Weaving looms — Definition of left and right sides	V	29-02-2024
62.	ISO/TC 72/SC 3	ISO 109:1982 (vers 7), Textile machinery — Working widths of weaving machines	V	29-02-2024
63.	ISO/TC 72/SC 3	ISO 142:1976 (vers 8), Textile machinery and accessories — Weaving preparatory machines — Definition of left and right sides	V	29-02-2024
64.	ISO/TC 72/SC 3	ISO 365:1982 (Ed 2, vers 7), Textile machinery and accessories — Twin wire healds with inset mail for Jacquard weaving	V	29-02-2024
65.	ISO/TC 72/SC 3	ISO 441:1997 (Ed 2, vers 5), Textile machinery and accessories — Drop wires for warp stop motions for weaving machines without automatic drawing-in	V	02-03-2024
66.	ISO/TC 72/SC 3	ISO 570:1982 (vers 7), Textile machinery and accessories — Heald carrying rods for healds with closed "O"-shaped end loops	V	02-03-2024
67.	ISO/TC 72/SC 3	ISO 1150:1997 (Ed 2, vers 5), Textile machinery and accessories — Drop wires for warp stop motions for weaving machines with automatic drawing-in	V	02-03-2024
68.	ISO/TC 72/SC 3	ISO 1586:1977 (vers 8), Textile machinery and accessories — Shuttles — Terms and designation in relation to the position of the shuttle eye	V	02-03-2024
69.	ISO/TC 72/SC 3	ISO 1865:1977 (vers 8), Textile machinery and accessories — Serrated bars for mechanical warp stop motions — Designations of dimensions, and dimensions of cross-section	V	02-03-2024

70.	ISO/TC 72/SC 3	ISO 2012:1976 (vers 8), Textile machinery and accessories — Cone sectional warping machines — Maximum usable width	V	02-03-2024
71.	ISO/TC 72/SC 3	ISO 5243:2004 (Ed 2, vers 4), Textile machinery and accessories — Numbering of heald frames and drop wire bars in a loom	V	02-03-2024
72.	ISO/TC 72/SC 3	ISO 5247-1:2004 (vers 4), Textile machinery and accessories — Weaving machines — Part 1: Vocabulary and classification	V	02-03-2024
73.	ISO/TC 72/SC 3	ISO 6177:1986 (Ed 2, vers 7), Textile machinery — Cloth rollers — Terminology and main dimensions	V	02-03-2024
74.	ISO/TC 72/SC 3	ISO 8119-3:1992 (vers 6), Textile machinery and accessories — Needles for knitting machines — Terminology — Part 3: Compound needles	V	02-03-2024
75.	ISO/TC 72/SC 3	ISO 8640-4:1996 (vers 6), Textile machinery and accessories — Flat warp knitting machines — Vocabulary — Part 4: Stitch bonding machines and stitch bonding devices	V	02-03-2024
76.	ISO/TC 94/SC 13	ISO 11393-2:2018 (Ed 2), Protective clothing for users of hand-held chainsaws — Part 2: Performance requirements and test methods for leg protectors	V	02-03-2024
77.	ISO/TC 94/SC 13	ISO 11393-4:2018 (Ed 2), Protective clothing for users of hand-held chainsaws — Part 4: Performance requirements and test methods for protective gloves	V	02-03-2024
78.	ISO/TC 94/SC 13	ISO 11393-5:2018 (Ed 2), Protective clothing for users of hand-held chainsaws — Part 5: Performance requirements and test methods for protective gaiters	V	02-03-2024
79.	ISO/TC 94/SC 13	ISO 11393-6:2018 (Ed 2), Protective clothing for users of hand-held chainsaws — Part 6: Performance requirements and test methods for upper body protectors	V	02-03-2024

80.	ISO/TC 133	ISO 8559-3:2018, Size designation of clothes — Part 3: Methodology for the creation of body measurement tables and intervals	V	02-03-2024
81.	ISO/TC 219	ISO 23996:2007 (vers 3), Resilient floor coverings — Determination of density	V	02-03-2024
82.	ISO/TC 219	ISO 23997:2007 (vers 3), Resilient floor coverings — Determination of mass per unit area	V	02-03-2024
83.	ISO/TC 219	ISO 24343-2:2018 (Ed 2), Resilient and laminate floor coverings — Determination of indentation and residual indentation — Part 2: Short-term indentation and residual indentation of resilient floor covering	V	02-03-2024
84.	ISO/TC 219	ISO 24343-3:2018 (Ed 2), Resilient and laminate floor coverings — Determination of indentation and residual indentation — Part 3: Indentation of resilient semi-flexible/vinyl composition tiles	V	02-03-2024
85.	ISO/TC 221	ISO 12957-1:2018 (Ed 2), Geosynthetics — Determination of friction characteristics — Part 1: Direct shear test	V	02-03-2024
86.	ISO/TC 221	ISO/TS 13434:2020 (Ed 2), Geosynthetics — Guidelines for the assessment of durability	V	02-03-2024
87.	ISO/TC 221	ISO 13438:2018 (Ed 2), Geosynthetics — Screening test method for determining the resistance of geotextiles and geotextile-related products to oxidation	V	02-03-2024
88.	ISO/TC 38	ISO/NP 24953, Determination for Iodine isotope adsorption efficiency of active carbon fibre	V	02-03-2024
89.	ISO/TC 219	Resolution 2024-01 revision ISO23999-2021 + 1stWD	V	02-03-2024
90.	ISO/TC 219	Resolution 2024-04 confirmation of WG3 convenor	V	04-03-2024
91.	ISO/TC 38/SC 1	CIB voting request to restart the revision to ISO 105 C09, Textiles — Tests for colour fastness — Part C09: Colour fastness to	V	04-03-2024

		domestic and commercial laundering – Oxidative bleach response using a non-phosphate reference detergent incorporating a low-temperature bleach activator		
92.	ISO/TC 133	ISO/DTR 6705	V	04-03-2024
93.	ISO/TC 38/SC 2	N1353_CIB_for_DIS_registration_of_ISO 23231	V	04-03-2024
94.	ISO/TC 94/SC 13	Appoint project leader for ISO/AWI 13994	V	05-03-2024
95.	ISO/TC 94/SC 13	DRAFT Res 744/2024 Approval 9-month extension ISO/AWI 13994	V	05-03-2024
96.	ISO/TC 38/SC 2	N1356_CIB_for_DIS_registration_of_ISO 16847	V	05-03-2024
97.	ISO/TC 38	ISO/CD 17971	V	05-03-2024
98.	ISO/TC 219	ISO/CD 11378-2	V	05-03-2024
99.	ISO/TC 38	ISO/CD 17299-6	V	05-03-2024
100.	ISO/TC 94/SC 13	ISO/FDIS 24231	V	15-03-2024
101.	ISO/TC 219	ISO/FDIS 24342 (Ed 4)	V	15-03-2024
102.	ISO/TC 94	Requirement for printed IFU/user instructions	V	19-03-2024
103.	ISO/TC 38	TC38 N4590CIB voting request of new WG36 and convenor	V	21-03-2024
104.	ISO/TC 38/SC 24	ISO/DIS 7211-2 (Ed 2)	V	08-04-2024
105.	ISO/TC 38	CIB voting request on approval of a new convenor of CAG	V	08-04-2024
106.	ISO/TC 94/SC 13	ISO/FDIS 11611 (Ed 3)	V	09-04-2024
107.	ISO/TC 38	ISO/NP 25081	V	10-04-2024
108.	ISO/TC 38/SC 2	ISO/CD 14419	V	10-04-2024
109.	ISO/TC 38/SC 24	ISO/NP 25086-1	V	10-04-2024
110.	ISO/TC 38	ISO 1181:2004 (Ed 3, vers 4)	V	26-04-2024
111.	ISO/TC 38	ISO 1968:2004 (Ed 4, vers 4)	V	26-04-2024
112.	ISO/TC 38	ISO 1969:2004 (Ed 3, vers 4)	V	26-04-2024
113.	ISO/TC 38	ISO 18692-2:2019	V	26-04-2024
114.	ISO/TC 133	ISO/NP 8559-6	V	30-04-2024
115.	ISO/TC 338	Establishment of Category A Liaison - UNOPS	V	30-04-2024
116.	ISO/TC 94/SC 13	ISO/FDIS 17491-4 (Ed 2)	V	03-05-2024
117.	ISO/TC 3	ISO/DIS 9073-7 (Ed 2)	V	03-05-2024
118.	ISO/TC 38	ISO/CD 22195-9	V	03-05-2024

119.	ISO/TC 219	Resolution 2024-08_New_liaison-to-ISO/TC92SC1	V	03-05-2024
120.	ISO/TC 221	Resolution No. 118/2024: Skip CD on ISO 10318-1 rev	V	03-05-2024
121.	ISO/TC 38	IEC/CD 63517	V	03-05-2024
122.	ISO/TC 38	CIB for the reappointment of the convenor of ISO/TC38/WG32	V	03-05-2024
123.	ISO/TC 38/SC 24	Reappointment of the convenor of ISO TC38 SC24 WG2	V	03-05-2024
124.	ISO/TC 38	ISO 9092:2019 (Ed 3)	V	03-05-2024
125.	ISO/TC 38	ISO 20921:2019	V	03-05-2024
126.	ISO/TC 38	ISO 21084:2019	V	03-05-2024
127.	ISO/TC 38/SC 1	ISO 105-A04:1989 (vers 6)	V	03-05-2024
128.	ISO/TC 38/SC 1	ISO 105-A05:1996 (vers 5)	V	03-05-2024
129.	ISO/TC 38/SC 2	ISO 9866-1:1991 (vers 6)	V	03-05-2024
130.	ISO/TC 38/SC 2	ISO 9866-2:1991 (vers 6)	V	03-05-2024
131.	ISO/TC 38/SC 2	ISO 16322-1:2005 (vers 4)	V	03-05-2024
132.	ISO/TC 38/SC 23	ISO 2370:2019 (Ed 3)	V	03-05-2024
133.	ISO/TC 38/SC 24	ISO 13015:2013 (vers 2)	V	03-05-2024
134.	ISO/TC 94/SC 13	ISO 13688:2013 (Ed 2, vers 2)	V	03-05-2024
135.	ISO/TC 221	ISO 9864:2005 (Ed 2, vers 4)	V	03-05-2024
136.	ISO/TC 221	ISO 10320:2019 (Ed 3)	V	03-05-2024
137.	ISO/TC 221	ISO/FDIS 13426-2 (Ed 2)	V	05-09-2024
138.	ISO/TC 219	ISO/DIS 20251 (Ed 2)	V	05-09-2024
139.	ISO/TC 219	ISO/FDIS 2424 (Ed 5)	V	05-09-2024
140.	ISO/TC 94/SC 13	ISO/FDIS 13506-2 (Ed 2)	V	20/5/2024
141.	ISO/TC 94/SC 13	ISO/FDIS 13506-1 (Ed 2)	V	20/5/2024

ANNEX 25 a)

(Item 10.4)

REPORT OF PLENARY MEETING OF ISO/TC 338 HELD ON 20-21 APRIL 2023

• USEFULNESS OF THE FOREIGN DEPUTATION WITH A BRIEF DESCRIPTION OF THE WORK CARRIED OUT

Hygiene-related practices of women during menstruation are of considerable importance, as it has a health impact in terms of increased vulnerability to reproductive tract infections (RTI). Menstrual Hygiene is vital for the empowerment and well-being of women and girls worldwide and gender equality.

ISO TC 338 on Menstrual product is newly established committee. There are 3 working groups (ad hoc, working group, task group) in ISO TC/338 and in all the groups **BIS (India) has leadership role and nominated experts from India.**

- 1) Smt. Tanya Mahajan, The Pad Project (NGO), India (Convenor) - Ad hoc group to define terminology
- 2) Shri S. Sivakumar, (Head, Medical Textiles), SITRA, Coimbatore (Convenor) - Working Group for General requirements
- 3) Dr. E. Santhini, SITRA, Coimbatore, (Convenor), Task group for the development of ISO/TC 338 Strategic Business Plan

The second plenary meeting of ISO/TC 338 'Menstrual Product' was held on 20-21 April 2023 in Stockholm, Sweden in hybrid mode. Since the subject matter being dealt by ISO/TC 338 are important from India's perspective, critical and sensitive in nature so a strong representation at the plenary meeting was proposed to represent India during the meeting.

The following delegation of experts participated in the plenary meeting to represent India's point of view-

- 1) **Shri J.K. Gupta, Sc-E & Head, Textiles (Head of Delegation) (Physical mode)**
- 2) Shri S. Sivakumar, (Head, Medical Textiles), SITRA, Coimbatore (Physical mode)
- 3) Shri Dharmbeer, Sc-D, Textiles, Member Secretary TXD 36 (Physical mode)
- 4) Dr. E. Santhini, SITRA, Coimbatore (Virtual Mode)
- 5) Ms. Shivani Swamy, Livinguard Technology Pvt. Ltd., Mumbai (Virtual Mode)
- 6) Smt. Tanya Mahajan, The Pad Project (NGO), India (Virtual Mode)

Presentations on the progress report of the task group for Strategic Business Plan, working group for general requirements and ad hoc group for terminology were made by Shri Jitender Gupta, Head (Textiles), Shri S. Sivakumar, SITRA and Shri Dharmbeer, Sc- D, Textiles respectively.

Shri Jitender Gupta, Head Textiles during his presentation informed that ISO/TC 338/TG 1 was entrusted with the task of preparing the Strategic Business Plan for ISO/TC 338. This task group deals with the preparation of the strategic document covering the following major points:

- Business environment for menstrual products.

- Benefits expected from the work of ISO/TC 338.
- Objectives of ISO/TC 338 and strategies for their achievements.
- Factors affecting the completion and implementation of ISO/TC work programme.
- Structure, current projects and publications of ISO/TC 338

The first meeting of task group was convened on 15 March, 2023. The task group discussed on the economic, technical, regulatory, legal, sustainability, and social aspects related to menstrual product along with market dynamics, benefits from the work of ISO/TC 338 and challenges etc. Based on the discussions, a working document was prepared incorporating the suggestions of the participants and the same was uploaded on ISO portal. The task group members were requested to scrutinize the working document on strategic business plan and provide their comments by 29 April, 2023.

Shri S. Sivakumar, SITRA during his presentation informed that working Group 1 (WG 1) dealt with the preparation of working document for standard on menstrual products. This working group intended to address the general, performance and safety requirements of menstrual products (single use/Multiple use) for different applications for example internally and externally used products.

The first meeting of WG 1 was convened on 16 March 2023 through virtual mode during which the members / experts got introduced to each other and started the deliberations on the scope of WG 1 and outline of the draft standard on menstrual products. It was further proposed to modify the title, scope of the working group and decide the way forward for standardization of menstrual products.

Shri Dharmbeer, Scientist D, Textiles during his presentation informed that AHG1 dealt with the identification, selection and preparation of terminology and definition towards the standardization in the field of menstrual products (absorbing and collecting), covering all products intended for both single and multiple uses, regardless of material.

This includes menstrual products like single use/disposable menstrual pads, panty-liners, tampons, menstrual underwear, reusable menstrual pads, reusable tampons and sponges, menstrual cups, reusable menstrual underwear, maternity product and menstrual discs etc.

5 meetings of adhoc group were convened and the working draft on terminology on menstrual products was prepared.

1st Nov, 2022 (Virtual)
 13th Dec, 2022 (Virtual)
 14th Feb, 2022 (Virtual)
 6th Mar, 2023 (Virtual)
 10th Mar, 2023 (Virtual)

It was proposed that the working document on terminology prepared by adhoc group may be circulated to the member countries for comments. The comments on draft terminology shall be discussed in next meeting of Adhoc group meeting and the preliminary work item on terminology shall be proposed as new work item proposal.

BENEFITS ACCRUED TO BIS

The important outcomes of the ISO/TC 338 Plenary meeting are as follows: -

- a) The progress reports presented by India on the above 3 groups were accepted by the committee and leadership roles (Convenorship) of India have been continued in all the 3 WG1/TG1/AHG1.
- b) The committee agreed for issuing committee internal balloting for preliminary work item on terminology prepared by adhoc group under the Convenorship of India.
- c) The committee agreed to discuss and define the Scope and Title of Working Group 1 as proposed by India in the next meeting of WG 1.
- d) The proposal of Argentina for the constitution of a new working group for ‘Tampons’ was not agreed upon due to objection by India.
- e) The liaisoning with the following committee were agreed by the ISO/TC 338 Committee: -
 - i) ISO/TC 38 ‘Textiles’
 - ii) ISO/TC 133 ‘Clothing sizing system – size designation, size measurement methods and digital fittings’
 - iii) ISO/TC 194 ‘Biological and clinical evaluation of medical devices’,
 - iv) ISO/TC 173/SC 3 ‘Aids for ostomy and incontinence’,
 - v) ISO/TC 210 ‘Quality management and corresponding general aspects for products with a health purpose including medical devices
 - vi) ISO/TC 157 ‘Non-systemic contraceptives and STI barrier prophylactics’.

• Conclusion and recommendations

- 1) ISO/TC 338 agreed to launch a Committee Internal Ballot (CIB) for 4 months to call for comments on working document on terminology of menstrual product prepared by adhoc group.
- 2) The meeting of adhoc group (AHG1) shall be planned to resolve the comments received from member countries on Committee Internal Ballot (CIB) on terminology.
- 3) The terminology once finalized by adhoc group shall be proposed as new work item proposal.
- 4) The meeting of task group on strategic business plan shall be planned after 29th April, 2023 and the comments of member countries shall be discussed and resolved for preparation of revised working document on strategic business plan.
- 5) The meeting of working group on general requirement shall be planned during 4th week of May 2023 to discuss and modify the scope and Title of Working Group 1; and to decide the way forward.
- 6) India has published the following standards covering the general, performance and safety requirement which may be used as base/guidance document for WG 1 to start for preparation of working document on standardization of menstrual products: -

- a) IS 5405 : 2019, Sanitary Napkins — Specification (Second Revision)
- b) IS 17514 : 2021, Reusable Sanitary Pad / Sanitary Napkin / Period Panties — Specification

A BRIEF SUMMARY OF THE REPORT

Sl. No.	Purpose of	Officer(s) deputed from the	Countries visited	Specific deliverables from the	Expected outcome (as	Final outcome (to be
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	foreign visit	department along with justification (for visit and nomination of deputed officer), PAN and Aadhar No.	with duration	proposed visit	envisaged the before the visit)	submitted after the visit)
1	To participate in the plenary meeting of ISO/TC 338 held on 20-21 April 2023	Shri Jitender Gupta, Scientist E and Head, Textiles	Sweden, 20-21 April, 2023	<p>To continue the leadership roles (Convenorship) of India in in all the 3 groups- WG1/TG1/AHG1.</p> <p>To propose preliminary work item on terminology as Committee Internal Ballot (CIB)</p> <p>The proposal to modify the title and scope of WG 1</p>	<p>To continue the leadership roles (Convenorship) of India in in all the 3 groups- WG1/TG1/AHG1.</p> <p>To propose preliminary work item on terminology as Committee Internal Ballot (CIB)</p> <p>To seek comments on working document on strategic business plan</p> <p>To discuss and define the Scope and Title of Working Group 1</p> <p>Opportunity to interact with like-minded countries/International Experts and soliciting their support on important items of Indian interest.</p>	<p>The progress reports presented by India on the above 3 groups were accepted by the committee and leadership roles (Convenorship) of India have been continued in all the 3 WG1/TG1/AHG1.</p> <p>The committee agreed for issuing committee internal balloting for preliminary work item on terminology prepared by adhoc group under the Convenorship of India.</p> <p>The committee agreed to discuss and define the Scope and Title of Working Group 1 as proposed by India in the next meeting of WG 1.</p>

						<p>The proposal of Argentina for the constitution of a new working group for 'Tampons' was not agreed upon due to objection by India.</p> <p>The liaisoning with ISO/TC 38, ISO/TC 133, ISO/TC 194, ISO/TC 173/SC 3, ISO/TC 210, and ISO/TC 157 were agreed by the ISO/TC 338 Committee.</p>
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ANNEX 25 b)

(Item 10.4)

REPORT OF PLENARY MEETING OF ISO/TC 38 HELD ON 01 to 03 NOVEMBER 2023

USEFULNESS OF THE FOREIGN DEPUTATION WITH A BRIEF DESCRIPTION OF THE WORK CARRIED OUT

The work of this international committee (ISO/TC 38 Textiles) is of great national importance from the point of view of substantial export of textiles from India and India being a major producer of natural fibres like cotton, jute, wool and silk has a larger interest in the standardization of textiles.

The 24th plenary meeting of ISO TC 38 ‘Textiles’ and its subcommittees was held on 01 to 03 November, 2023 in Seoul, South Korea in hybrid mode. Since the subject matter being dealt by ISO/TC 38 was important from India’s perspective, so a strong representation at the plenary meeting was sent to represent India during the meeting. The following delegation of experts participated in the plenary meeting to represent India’s point of view:-

- i) Dr. Sujata Saxena, Chairperson, TXD 07 (Physically) (Head of Delegation)
- ii) Shri Y A Shah, Ama Herbals, Lucknow (Physically)
- iii) Shri J K Gupta, Head, Textiles (Physically)
- iv) Shri Himanshu Shukla, Member Secretary, TXD 07(Physically)
- v) Shri A K Samanta, In personal capacity (In virtual mode)

The delegations attended the following meetings :

ISO TC/SC/WG	Meeting date	Attended by
ISO TC 38/SC1	01 November, 2023	i) Dr. Sujata Saxena, Chairperson, TXD 07 (Physically) (Head of Delegation)
ISO TC 38/SC2	01 November, 2023	ii) Shri Y A Shah, Ama Herbals, Lucknow (Physically)
ISO TC 38/SC23	02 November, 2023	iii) Shri J K Gupta, Head, Textiles (Physically)
ISO TC 38/SC24	02 November, 2023	iv) Shri Himanshu Shukla, Member Secretary, TXD 07(Physically)
ISO TC 38	03 November, 2023	v) Shri A K Samanta, In personal capacity (In virtual mode)

The brief description of discussion held and important outcomes of ISO TC 38 and its subcommittees meetings have been summarized below:

- 1) Meeting of ISO/TC 38/SC 1 “Tests for coloured textiles and colorants” held on 01 November, 2023**
 - a) The convenors of WG2, WG5, WG 13 were agreed to be re-confirmed for another 3-year

period.

- b) The following scope of SC1 was agreed to be proposed to ISO TC38 for approval to encompass technical aspects of textile material coloration, with the addition of the phrase "all aspects of textiles related to coloration.":

‘Standardization of the vocabulary related to colour measurement, the measurement methods (visual or instrumental) of all aspects of textiles related to colouration, the calculation of colour differences, the product specifications intended for colour fastness assessments and for adjacent fabrics, the testing methods for colour fastness to any conditions, and colorant (dyes and pigments) characteristics’.

- c) Further it was agreed to propose the transfer of standards related to test methods for coloration from ISO/TC 38/SC1 to ISO/TC/256 as the scope of ISO/TC/256 is more relevant for the standards related to colouration.
- d) Shri Y A Shah, AMA Herbals, Lucknow made a presentation on ‘Test method for measuring colour fastness of textile material dyed with natural dyes’ during the meeting of ISO/TC 38/SC1. Delegates agreed to revise existing standards on test method for colour fastness and include washing instructions for natural dyes, excluding sodium perborate as a detergent. BIS, India will propose the revisions and provide the required inputs for the revisions.
- e) Registration of the AWI at CD stage was agreed to revise ‘ISO 105-X11 Textiles — Tests for colour fastness’ (for the iron sole temperature and the received comments of the last systematic review) with the standard development track of 18 months.
- f) Mr. Filarowski Andrew's, BSI, made a presentation on color Fastness determination using mobile application. Dr. Sujata Saxena, during the presentation raised concerns about result consistency with multi-colored and printed fabrics and requested an Android version of the application with free access for validation and trials.

2) Meeting of ISO/TC 38/SC2 "Cleansing, finishing and water resistance tests" held on 01 November, 2023

- a) The following scope was agreed to be proposed to ISO/TC/38 for SC2 in order to bring more clarity to the scope:

"Standardization of test and assessment methods, care labelling, terminology and definitions of textiles relating to domestic, professional and industrial laundering, appearance retention, resistance to water."

- b) For the systematic review of standards under ISO/TC 38/SC2, the following was decided:
 - i) Registration of a minor revision of ‘ISO 16847:2016 Test method for assessing the matting appearance of napped fabrics after cleansing’ (mentioning complementary images for assessment) as the result of systematic review, at CD stage with a standard development track

of 18 months.

- ii) Registration of a minor revision of 'ISO 23231:2008 Determination of dimensional change of fabrics Accelerated machine method'(mentioning that the method is for quality purpose) as the result of systematic review, at CD stage with standard development track of 18 months. Registration of a PWI for the revision of ISO 15797:2017 (as result of the systematic review). Wolfgang Quednau, Belgium will be project leader.
- c) SAC, China presented NWIP on "Resistance to surface wetting (Contact angle and roll-off angle method)".
- d) Dr. Sujata Saxena, CIRCOT, Mumbai confirmed that the testing practices are currently in commercial use in testing labs worldwide. They are primarily employed for measuring the contact angle and roll-off angle using a Goniometer instrument, and these methods find extensive application in the measurement of contact angle and roll-off angle, especially for superhydrophobic fabrics such as sleeping bags and tents. The delegations present agreed to request the registration of a PWI for a new project and allocate it to WG8. Zhang Tianxiang (China) will be Project Leader.

3) Meeting of ISO/TC 38/SC23 “Fibres and yarns” held on 02 November, 2023.

- a) The following scope was agreed to be proposed to ISO/TC/38 for SC23 for approval without any change:

"Standardization of terminology, test methods, specifications and quality labelling of fibres and yarns."
- b) The convenors of WG2, WG5 were re-confirmed for another 3-year period (2025-2027).
- c) For the revisions of standards under ISO/TC 38/SC 23, the following was decided:
 - i) To open a CIB with the draft resolution of revision of 'ISO 1130:1975 Textile fibres' (including Form 21) as the result of the systematic review, as well as a call for project leader with standard development track of 18 months.
 - ii) To open a CIB with the draft resolution of revision of 'ISO 1139:1973 Textiles — Designation of yarns' (including Form 21) as the result of the systematic review, as well as a call for project leader with standard development track of 18 months.
 - iii) To open a CIB with the draft resolution of confirmation of 'ISO 2947:1973 Integrated conversion table for replacing traditional yarn numbers by rounded values in the Tex System' (including Form 21) as the result of the systematic review.
 - iv) To open a CIB with the draft resolution of confirmation of 'ISO 15625:2018 Silk Electronic test method for defects and evenness of raw silk (including Form 21) as the result of the systematic review.

- v) To open a CIB with the draft resolution of revision of 'ISO 8159:1987 Textiles — Morphology of fibres and yarns' (including Form 21) as the result of the systematic review with standard development track of 24 months. Zhang Tianxiang (China) will be project leader. France decided to abstain from the development of project.
- d) Mr. Li Weidong, SAC, China presented NWIP on "Natural Cellulosic fibres — Determination of cellulose degree of polymerization - Ionic liquid method". The delegations present agreed to register the future project "Natural Cellulosic fibres — Determination of cellulose degree of polymerization - Ionic liquid method" as a PWI under ISO/TC38/SC23/WG2 with project leader Mr. Li Weidong (China). France decided to abstain from the development of project.
- e) Mr. Qian Qiyuan, SAC, China presented NWIP on "Textiles – Synthetic monofilament yarns – Test method for bending resistance properties". The delegations present agreed to register the future project "Textiles – Synthetic monofilament yarns – Test method for bending resistance properties" as a PWI under ISO/TC38/SC23/WG6 with project leader Mr. Qian Qiyuan (China). France decided to abstain from the development of project.
- f) Dr. Hyun-Jin Koo (Korea) presented NWIP on "Textiles – Fibres and yarns – Test method for flex fatigue strength of reinforcement yarns using roller tester". The delegations present agreed to register the future project "Textiles – Fibres and yarns – Test method for flex fatigue strength of reinforcement yarns using roller tester" as a PWI under ISO/TC38/SC23/WG6 with project leader Dr. Hyun-Jin Koo (Korea). France decided to abstain from the development of project.
- g) Mrs. Wang Li, SAC, China presented NWIP on 'Test Method for pure cashmere content by Near Infrared spectrum method'. Shri J K Gupta suggested validating SAC, China's proposed test method for determining pure cashmere content using Near Infrared spectrum with established methods ISO 17751-1:2016 and ISO 17751-2:2016, which employ Light microscopy and Scanning electron microscopy.

4) Meeting of ISO/TC38/SC24 "Conditioning atmospheres and physical tests for textile fabrics" held on 02 November, 2023.

- a) Shri J K Gupta, HTXD suggested inclusion of the term 'and their related terminology' in scope of ISO /TC38/SC24 considering the subcommittee's work on standards related to atmospheres for conditioning and testing of textiles. ISO/TC38/SC24 approved the suggestion and a resolution was made for the revised scope. The scope of SC24 was approved as "Standardization of atmospheres for conditioning and testing of textiles and their related terminology, physical test methods of fabrics and digital measurements of fabrics."
- b) For the revisions of standards under ISO/TC38/SC 24, the following was decided:
 - i) To register 'ISO/AWI 13118 Textile – Biaxial tensile properties of woven fabric – Determination of elasticity properties using a cruciform test piece' at CD stage and to not

request to launch a call for comments on the CD and then, to forward the CD draft to the DIS ballot.

- ii) To register ‘ISO/AWI 12947-5 Textiles – Determination of the abrasion resistance of fabrics by the Martindale method – Part 5: Wet abrasion testing’ at CD stage and to launch for a call for comments on the CD for two months.
- iii) To register the revision of ‘ISO 12947- 2:2016 Determination of the abrasion resistance of fabrics by the Martindale method – Part 2: Determination of specimen breakdown’ at the PWI stage. Scope remains unchanged.

5) Meeting of TC38 “Textiles” held on 03 November, 2023.

- a) The scope of SC1, SC2, SC 20, SC23 and SC 24 were approved in the meeting.
- b) For the revisions of standards under ISO TC 38 and WGs under the domain, the following was decided:
 - i) To register the project at CD stage for ‘ISO/AWI 21023 Determination of surface chemical properties of carbon fibres using X-ray photoelectron spectroscopy.’
 - ii) To register the project at CD stage for ‘ISO/AWI 13144 Textiles — Determination of quinoline, isoquinoline and certain derivatives.’
- c) The title of the WG31 was decided to be changed from "Natural material for textiles" to "Non-fibrous bio-based material for textiles". USA decided to abstain. Shri A K Samanta suggested to add the word ‘Non-fibrous’ to the title of ISO TC/38/WG31 which was accepted by the committee unanimously.
- d) Shri Y A Shah, BIS, India, made a presentation on New Work Item Proposal on Gallnut (Natural dye), highlighting its usefulness, sustainability, and technical aspects covering the characteristic peaks of gallic acid by HPLC UV method. The subject was approved for registration as ISO/AWI/22195-9, with a resolution to issue an NP ballot after receipt of form 4 and a revised draft with updated standard development timeline. He also briefed the delegates about the new work item proposals on Tectona grandis, Terminalia arjuna, Canna indica - Indian Shot, Sarvajjaya, Impatiens balsamina. BIS, India will submit the form 4 and working draft on the subjects in Ingredient Index format as acceptable to ISO.
- e) Following new work item proposals were also discussed during the meeting:
 - i) NWIP on ‘Nonwoven — Performance requirement and test methods — non-medical face masks (General use face mask)’ presented by Sayo Nomura, JISC, Japan
 - ii) NWIP on ‘Determination for Iodine isotope adsorption efficiency of activated carbon fiber’ presented by KATS, Korea

- iii)NWIP on ‘Textiles - Qualitative and quantitative of crushed natural leather blended synthetic fibers’ presented by KATS, Korea
 - iv)NWIP on ‘Textiles – Tests for biodegradability – Test method for determination of degradation rate of textile materials under simulated composting conditions in a laboratory-scale test’ presented by Hyunjin Koo, KATS, Korea
- f) Reports of WG9, WG21, WG 22, WG23, WG 27, WG 29, WG 30, WG 31, WG 33, WG 34, WG 35 were discussed during the meeting.
- g) Reports of SC 1, SC 2 , SC 20, SC 23 and SC 24 were discussed during the meeting.

BENEFITS ACCRUED TO BIS

The important outcomes of the ISO/TC 338 Plenary meeting are as follows:-

- a) New Work Item Proposal on Gallnut (Natural dye), was approved for registration as ISO/AWI/22195-9, with a resolution to issue an NP ballot after receipt of form 4 and a revised draft with updated standard development timeline.
- b) New work item proposals on Tectona grandis, Terminalia arjuna, Canna indica - Indian Shot, Sarvajjaya, Impateins Balsamina were presented and approved during the meeting. BIS, India will submit the form 4 and working draft on the subjects in Ingredient Index format as acceptable to ISO.
- c) A presentation was made on ‘Test method for measuring colour fastness of textile material dyed with natural dyes’ during the meeting of ISO TC 38/SC1. Delegates agreed to revise existing standards on test method for colour fastness and include washing instructions for natural dyes, excluding sodium perborate as a detergent. BIS, India will propose the revisions and provide the required inputs for the revisions.
- d) A close liaison was established with delegates present in the meeting from JISC (Japan), AFNOR (France), KATS (South Korea), SAC (China), BSI (United Kingdom), ANSI (United States), DIN (Germany), MASM (Mangolia) in order to garner the support from participating members for NWIPs to be submitted by India on Natural dyes by highlighting the proposal benefits in order to gain approval for the NWIP at NP ballot stage.
- e) During the meeting, suggestions were put forth and unanimously approved to revise the scope of ISO/TC 38/SC1 and ISO/TC 38/SC 24 subcommittees. The purpose of this revision was to align the scopes of these subcommittees more closely with the standards within their respective domains.
- f) During the meeting, suggestion was made to validate SAC, China's proposed test method for determining pure cashmere content using Near Infrared spectrum with established methods ‘ISO 17751-1:2016 Textiles - Quantitative analysis of cashmere, wool, other specialty animal fibers and their blends Part 1: Light microscopy method’ and ‘ISO 17751-2:2016 Textiles - Quantitative analysis of cashmere, wool, other specialty animal fibers and their blends Part 2: Scanning electron microscopy

method', which employ Light microscopy and Scanning electron microscopy.

- g) During the meeting, suggestion was made on Mr. Filarowski Andrew's, BSI, NWIP presentation on Color Fastness determination using mobile application, about result consistency with multi-colored and printed fabrics and a request was made, to provide free access to Android version of the application for validation of results and trials.

A BRIEF SUMMARY OF THE REPORT

Annex A

Specific deliverables from the proposed visit

- 1) To participate in 24th Plenary Meeting of ISO/TC 38 'Textiles' and its subcommittees scheduled on 01 November 2023 – 03 November, 2023.
- 2) India has sent two new work item proposals on Rheum Emodi and Gallnut, which will be presented during the meeting and efforts will be made to persuade and garner support from participating members during an in-person meeting, emphasizing the proposal's benefits and addressing any concerns to gain approval for the NWIP for CD registration by participating in the meeting physically.
- 3) In addition to the aforementioned endeavors, BIS, India will present recently published Indian Standards, IS 17432:2020 (Tectona grandis), IS 17433:2020 (Terminalia arjuna), IS 17430:2020 (Canna indica - Indian Shot, Sarvajjaya), and IS 17431:2020 (Impatiens balsamina ,Balsam, Gulme hindi) which shall be proposed as preliminary work items for the formulation of corresponding International Standards under ISO TC 38.
- 4) Further, it is required to defend the technical comments submitted by BIS, India on NWIP proposal on Himalayan Rhubarb and Hibiscus by attending physical meeting.

Annex B

Expected outcome

- 1) To propose NWIP on Rheum Emodi and Gallnut (Natural Dyes) to ISO TC 38/WG 31 'Natural Materials for Textiles'.
- 2) To propose NWIP on Tectona Grandis, Terminalia Arjuna, Canna Indica, Impatiens Balsamina to ISO TC 38/WG 31 'Natural Materials for Textiles' for its registration as preliminary work item.
- 3) To propose a distinct test method specifically designed for textile items dyed with natural dyes excluding Sodium Perborate as a detergent, and incorporating specific provisions for assessing the color fastness of textiles dyed with natural dyes.
- 4) To defend the comments on Himalayan rhubarb and Hibiscus submitted by BIS, India which encompass several aspects of the HPLC chromatogram method, anomalies in the calibration curve, differences in elution times, and the incorporation of an HPLC-VWD (Variable Wavelength Detector), alterations in the sample preparation process for the calibration solution, substituting delphinidin for cyanidin-3-sophoroside as the colorant and expanding the range of species included in the standard.

- 5) To liaison with the participating members in order to garner the support from participating members for NWIPs submitted by India by highlighting the benefits of the proposal, addressing any concerns they may have, in order to gain approval for the NWIP for NP ballot.

Final outcome:

- 1) New Work Item Proposal on Gallnut (Natural dye), was approved for registration as ISO/AWI/22195-9, with a resolution to issue an NP ballot after receipt of form 4 and a revised draft with updated standard development timeline. In view of KATS, South Korea proposal on Himalayan Rhubarb, it was noted that KATS, Korea has put forth NWIP on Himalayan Rhubarb which has completed its CD stage and is essentially identical to NWIP proposed by India on Rheum Emodi. Consequently, it was decided India can actively contribute to the draft's development taking into account technical changes suggested by India for HPLC chromatogram method, changes in calibration curve, differences in elution times, and the incorporation of an HPLC-VWD (Variable Wavelength Detector), changes in sample preparation for the calibration solution, substituting delphinidin for cyanidin-3-sophoroside as the colorant.
- 2) New work item proposals on Tectona grandis, Terminalia arjuna, Canna indica - Indian Shot, Sarvajjaya, Impateins Balsamina were presented and approved during the meeting. BIS, India will submit the form 4 and working draft on the subjects in Ingredient Index format as acceptable to ISO.
- 3) A presentation was made on 'Test method for measuring colour fastness of textile material dyed with natural dyes' during the meeting of ISO TC 38/SC1. Delegates agreed to revise existing standards on test method for colour fastness and include washing instructions for natural dyes, excluding sodium perborate as a detergent. BIS, India will propose the revisions and provide the required inputs for the revisions.
- 4) A close liaison was established with delegates present in the meeting from JISC (Japan), AFNOR (France), KATS (South Korea), SAC (China), BSI (United Kingdom), ANSI (United States), DIN (Germany), MASM (Mangolia) in order to garner the support from participating members for NWIPs to be submitted by India on Natural dyes by highlighting the proposal benefits in order to gain approval for the NWIP at NP ballot stage.
- 5) During the meeting, suggestions were put forth and unanimously approved to revise the scope of ISO TC 38/SC 1 and ISO TC 38/SC 24 subcommittees. The purpose of this revision was to align the scopes of these subcommittees more closely with the standards within their respective domains
- 6) During the meeting, suggestion was made to validate SAC, China's proposed test method for determining pure cashmere content using Near Infrared spectrum with established methods ISO 17751-1:2016 and ISO 17751-2:2016, which employ Light microscopy and Scanning electron microscopy.
- 7) During the meeting, suggestion was made on Mr. Filarowski Andrew's, BSI, NWIP presentation on Color Fastness determination using mobile application, about result consistency with multi-colored and printed fabrics and a request was made, to provide free access to Android version of the application for validation of results and trials.

[ANNEX 25 c\)](#)
(Item 10.4)

REPORT OF 3RD PLENARY MEETING OF ISO/TC 338 HELD ON 8 DECEMBER 2023

• USEFULNESS OF THE FOREIGN DEPUTATION WITH A BRIEF DESCRIPTION OF THE WORK CARRIED OUT

Hygiene-related practices of women during menstruation are of considerable importance, as it has a health impact in terms of increased vulnerability to reproductive tract infections (RTI). Menstrual Hygiene is vital for the empowerment and well-being of women and girls worldwide and gender equality.

ISO TC 338 on Menstrual product is newly established committee. There are 3 working groups (ad hoc, working group, task group) in ISO TC/338 and in all the groups **BIS (India) has leadership role and nominated experts from India.**

- 4) Smt. Tanya Mahajan, The Pad Project (NGO), India (Convenor) - Ad hoc group to define terminology
- 5) Shri S. Sivakumar, (Head, Medical Textiles), SITRA, Coimbatore (Convenor) - Working Group for General requirements
- 6) Dr. E. Santhini, SITRA, Coimbatore, (Convenor), Task group for the development of ISO/TC 338 Strategic Business Plan

The third plenary meeting of ISO/TC 338 'Menstrual Product' was held on 08th December 2023 in virtual mode. Since the subject matter being dealt by ISO/TC 338 are important from India's perspective, critical and sensitive in nature so a strong representation at the plenary meeting was proposed to represent India during the meeting.

The following delegation of experts participated in the 3rd plenary meeting in virtual mode to represent India's point of view :-

- 1) **Shri J.K. Gupta, Sc-E & Head, Textiles (Head of Delegation)**
- 2) Shri Dharmbeer, Sc-D, Textiles, Member Secretary TXD 36
- 3) Shri S. Sivakumar, (Head, Medical Textiles), SITRA, Coimbatore
- 4) Dr. E. Santhini, SITRA, Coimbatore
- 5) Smt. Tanya Mahajan, The Pad Project (NGO), India
- 6) Shri Nirav Mehta, Dima Products, Mumbai
- 7) Ms. Roocha Khedkar, Kenvue, Mumbai

Presentations on the progress report of the task group for Strategic Business Plan, working group for general requirements and ad hoc group for terminology were made by Dr. E. Santhini, Shri S. Sivakumar, SITRA and Ms. Tanya Mahajan respectively.

Dr. E. Santhini, SITRA during his presentation informed that ISO/TC 338/TG 1 was entrusted with the task of preparing the Strategic Business Plan for ISO/TC 338. This task group deals with the preparation of the strategic business document covering the following major points:

- Business environment for menstrual products.
- Benefits expected from the work of ISO/TC 338.
- Objectives of ISO/TC 338 and strategies for their achievements.
- Factors affecting the completion and implementation of ISO/TC work programme.
- Structure, current projects and publications of ISO/TC 338

The task group meetings were held on 01st June and 20th June 2023 and the draft ISO TC 338 strategic business plan was prepared. The draft document was circulated for 2 months through committee internal balloting and the comments received will be resolved in next meeting of task group scheduled on 18th December, 2023.

Shri S. Sivakumar, SITRA during his presentation informed that working Group 1 (WG 1) dealt with the preparation of working document for standard on menstrual products. This working group intended to address the general, performance and safety requirements of menstrual products (single use/Multiple use) for different applications for example internally and externally used products.

The second and third meeting of WG 1 were convened on 29-30 May 2023 and 06-07 September 2023 through virtual mode. The draft outline of the document for general and safety requirements for menstrual products was finalized during these meeting. It was decided to collect inputs from the members offline on clauses such as 6.3 Chemical assessment and safety, 6.4 Biological safety, 6.5 Exposure assessment.

Ms. Tanya Mahajan during his presentation informed that AHG1 dealt with the identification, selection and preparation of terminology and definition towards the standardization in the field of menstrual products (absorbing and collecting), covering all products intended for both single and multiple uses, regardless of material.

The comments received on committee internal balloting (CIB) were discussed and resolved during 2 meeting of adhoc group on 27th September and 30th October 2023. No clear definitions were available for terms related to light, medium and heavy menstruation. It was also informed that if maternity pads are to be included in the scope of ISO/TC 338, definitions related to maternity pads, lochia etc. will need to be included in the terminology document.

BENEFITS ACCRUED TO BIS

The important outcomes of the ISO/TC 338 Plenary meeting are as follows: -

- f) The progress reports presented by India on the above 3 groups were accepted by the committee and leadership roles (Convenorship) of India have been continued in all the 3 WG1/TG1/AHG1.
- g) The committee agreed to accept to change the WG 1 title to “Safety, performance and general requirements of menstrual products” under the Convenorship of India.
- h) The committee agreed to launch a NWIP ballot for “General and safety requirements of menstrual products” under the Convenorship of India.

- i) ISO/TC 338 agrees to register the terminology document as a Preliminary Work Item, and to appoint Tanya Mahajan (India) as project leader.
- j) The proposal of Australia for the constitution of a new working group for ‘Tampons’ was not agreed upon due to objection by India.

• Conclusion and recommendations

- 7) ISO/TC 338 agreed to launch a NWIP ballot for “General and safety requirements of menstrual products” proposed by India.
- 8) The meeting of task group (TG1) of strategic business plan shall be convened to resolve the comments received from member countries on Committee Internal Ballot (CIB) on business plan.
- 9) The meeting of adhoc group (AHG1) shall be planned to further investigate if maternity pads/post-partum pads should be included in the terminology document and to include the remaining terminology document.
- 10) The terminology once finalized by adhoc group shall be proposed as new work item proposal.
- 11) The meeting of working group on general requirement shall be planned during 4th week of January 2024 to discuss and prepare the working document and NWIP on ‘General and safety requirements of menstrual products’.

A BRIEF SUMMARY OF THE REPORT

Sl. No.	Purpose of foreign visit	Officer(s) deputed from the department along with justification (for visit and nomination of deputed officer), PAN and Aadhar No.	Countries visited with duration	Specific deliverables from the proposed visit	Expected outcome (as envisaged before the visit)	Final outcome (to be submitted after the visit)
1	To participate in the plenary meeting of ISO/TC 338 held on 8 th December 2023 through	Delegation participate through virtual mode	Through Virtual Mode	To continue the leadership roles (Convenorship) of India in in all the 3 groups- WG1/TG1/AHG1.	To continue the leadership roles (Convenorship) of India in in all the 3 groups- WG1/TG1/AHG1.	The progress reports presented by India on the above 3 groups were accepted by the committee and leadership roles (Convenorship) of India have been continued in all the 3 WG1/TG1/AHG1.

	virtual mode			<p>To propose preliminary work item on terminology as Committee Internal Ballot (CIB)</p> <p>The proposal to modify the title and scope of WG 1</p> <p>To propose NWIP on general and safety requirement of menstrual product</p>	<p>To propose preliminary work item on terminology as Committee Internal Ballot (CIB)</p> <p>To discuss and define the Scope and Title of Working Group 1</p> <p>To discuss and propose NWIP on general and safety requirement of menstrual product under WG1</p> <p>Opportunity to interact with like-minded countries/International Experts and soliciting their support on</p>	<p>ISO/TC 338 agrees to register the terminology document as a Preliminary Work Item, and to appoint Tanya Mahajan (India) as project leader.</p> <p>The committee agreed to accept to change the WG 1 title to “Safety, performance and general requirements of menstrual products” under the Convenorship of India.</p> <p>The committee agreed to launch a NWIP ballot for “General and safety requirements of menstrual products” under the Convenorship of India</p> <p>The proposal of Australia for the constitution of a new working</p>
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					important items of Indian interest.	group for 'Tampons' was not agreed upon due to objection by India.
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ANNEX 26
(Item 12.1)

**DIRECTOR GENERAL, BIS DIRECTIVES FOR PROCESS REFORMS IN
STANDARDIZATION**

With a view to facilitating effective implementation of the SNAP 2022-27 and streamlining the functioning of the Standardisation Departments aimed at making BIS a future-ready organisation in the true sense of the term, following guidelines are issued with immediate effect:

1. Annual Programme for Standardisation

- a. SCMD shall be responsible for timely communication with the central Government Ministries/Departments, State Governments and Industry Associations for their respective Annual Programmes for Standardisation.
- b. Each of the Standardisation Departments will examine the information pertaining to its domain area and share its comments to SCMD, which shall be responsible for conveying the decision of the BIS to the Ministries, Departments, State Governments and Industry Associations concerned.
- c. For better shared understanding of the APS, and role clarity of different stakeholders, SCMD will chalk out a programme for the training of the members of the Standardisation Cells in Ministries, Departments and Industry Associations in collaboration with NITS.
- d. SCMD will prepare Quarterly Progress Reports in respect of the APS and share with the relevant stakeholders.
- e. Timelines for the activities mentioned above are as follows:
 - i. Letters to Ministries, departments etc. - By 31st December of the preceding year.
 - ii Submission of APSs - 31st January of the preceding year.
 - iii. Comments by Departments to SCMD - 15th February of the preceding year.
 - iv. Conveying the Decision of the BIS - 28th February.
 - v. Workshops with Standardisation Cells - In the month of March.

2. Identification of emerging areas for Standard Formulation and Updation -

While SNAP and APS will be the principal sources in this regard, it is necessary to have a set of dynamic processes in place for staying abreast of the latest technological and processes in manufacturing and services sectors. This will be ensured through the following measures:

- a. It will be made mandatory for the Manufacturing Units to self-declare the standards followed by them and an online portal will be created for the purpose to have a centralised database on the Indian Standards in action, products or processes without Indian Standards and those for which the Standards of other SDOs are being followed.
- b. ITSD will create a database on the faculty members of the prominent technical and professional institutions with which BIS had signed an MoU or in partnership for education on standards to help the Standardisation Departments interact with them for suggestions on areas for Standard formulation.
- c. Each of the Standardisation Departments will have information on important national and international level major events in the sectors relevant to them and attend those events.
- d. Each of the Standardisation Departments will have information on the start-up ecosystem in the sectors relevant to them and organise consultations with them - at least two consultations in a year.
- e. In addition to staying informed of the standardisation activities at the ISO and IEC levels, the Standardisation Departs will keep track of the new standards developed or revised by some prominent NSBs or regional bodies.
- f. SCMD shall ensure subscription of important journals and have a team of professionals in place to scan important articles and share them with the Standardisation Departments.

3. Identification of domain area experts for inclusion in DCs and TCs

- a. PRTD will invite Action Research papers on important areas taken up or to be taken up for standardisation through advertisement in newspapers and on social media once a year and best of five papers chosen by Expert Panels will be awarded prizes. The prize-winners will also be shortlisted for awarding membership of TCs or subject-specific working panels, based on the need and interest shown by them.
- b. Active members of the Standardisation Cells will be identified for inclusion in TCs or working panels.
- c. In case of important standards under development at our or ISO/IEC level, EoI may also be issued for identification of experts.
- d. Absence from two consecutive or more than one-third meetings in a year shall be viewed seriously and member be informed to reaffirm his/her commitment to continue or quit.

e. In case of representatives of government organisations, a copy of this notice should go to the Ministry/Department and Head of Organisation concerned too.

4. Efficiency in the functioning of TCs

a. Quarterly meetings of the TCs to be held, to the extent possible.

b. Scope of TCs must be reviewed periodically to ensure that it is not too diffused and covers areas with no commonality of subjects or convergence. If necessary, the TC should be split up with an inclusive scope.

c. It shall be the responsibility of the DDG, Standardisation concerned to form a Joint TC for subjects that require the involvement of more than one TC, defining the scope of the work, appointment of the Chairperson and obtaining approval of the DC for the same.

d. In some cases, Joint Working Panels may also be created by DDG, Standardisation, with clear direction regarding the TC the Working Panel should report to.

e. Meetings of the TCs should ad far as possible be held in virtual or Hybrid mode.

f. Physical meetings should be held not only at Manak Bhawan, but also at the Academic Institutions BIS has MoU with or at Major Industrial Units or Associations.

g. TA/DA, as per the norms decided by the Bureau, should be admissible to the members of DC and TC if they opt for it, irrespective of the organisation they belong to.

h. Every Standard, new or revised, should have an Annexure, mentioning the name of the members of the TC and Working Panel, if any.

i. Each of the Member Secretaries will be provided with an Executive Assistant to help him/ her in organising TC/WP meetings, drafting of agenda/minutes, contacting members, keeping record of communications received etc.

j. Convenor/Head of the Working Panel may be assigned the support of a Data Entry Operator, if a request for this is received.

k. Standardisation Portal will have a picture of the members of TC and WP against the Standards developed by them.

l. Heads of the Standardisation Departments shall be responsible to ensure that a Mirror Committee is constituted for each of the ISO/IEC TCs BIS is a P member of, and a member or two nominated to represent BIS.

m. Each of these nominated members should get training at NITS on the functioning of the TCs and related systems at ISO/IEC for effective participation.

n. A report must be obtained from the persons attending a TC meeting, physically or virtually, on the specific issues concerning the interests of the BIS, and should form part of the presentation by DDGs in the monthly SoMs.

5. Review of Standards

a. Each of the Member Secretaries shall examine the existing standards, more than 5 years old, to identify (i) those having become redundant and obsolete because of a new standard having been developed or the product, process or Test Method itself having become obsolete, (ii) standards, which might not have become obsolete, but does not need to be taken up for revision because of limited use or little possibility of any change in the pattern of use, and (iii) those, which can be merged together for better clarity.

b. The Annual programme for revision of standards shall be prepared only after this prioritisation has been done.

c. Each of the Scientific Officers upto D level, irrespective of his/her place of posting, be assigned a list of standards to be revised in the coming five years - 4 standards every year, with year-wise sequence of review.

d. Scientific Officers of E and F levels will be assigned two standards and one respectively for review in a year with a list of standards to be reviewed in five years.

e. Each of the Standardisation Departments will identify Industry Associations and the standards to be assigned to them for review.

f. Action Research based approach shall be followed for the review of standards.

g. Each of the Departments shall I form SCMD in regard to the draft standards it will like Manak Manthan to be organised by the Bench Offices.

h. No reaffirmation shall be done, unless as a conscious decision not to review the standard, and in such cases, a disclaimer be shown against the standard that it is not taken up for review.

6. Aligning Indian Standards to international standards for better integration of the country's economy with the global supply chain:

- a. TCs should take up the deliberations on the need for revising the Indian Standard or desirability of adopting the ISO/IEC standard, on the receipt of the draft ISO/IEC standard itself.
- b. The TC member or experts representing BIS should be suitably briefed about the needs and concerns of the BIS, so that these are articulated effectively in the ISO/IEC level deliberations. This will facilitate easier and faster adoption.
- c. Revision of the corresponding Indian Standard or formulation of a new Indian Standard should be taken up only if the ISO/IEC standard does not address the needs and concerns of BIS.
- d. SCMD shall coordinate with the Ministry of Commerce in regard to the major items of region/country-wise export and import to examine if the standards of those countries are aligned to Indian Standards.
- e. SCMD should organise consultation with Export Promotion Councils for better preparedness in this regard.

7. Addressing the issue of Sustainability

- a. Every new standard being developed or existing standard being reviewed shall be examined from the viewpoints of (i) the carbon footprint of the raw material or intermediate products used for the product, (ii) the carbon footprint of the process of manufacturing, (iii) more climate & friendly alternatives available, and (iv) nature of the waste or by-products and their safe disposal or recycling.
- b. The format of the standard shall be revised suitably to include the paras on sustainability.
- c. Each Department shall create a panel of experts to advise it on the latest developments in sustainable and smart manufacturing.
- d. Departments should use the consultations with industry, industry associations and start-ups to glean information on their approach and innovations to reduce carbon footprint.
- e. PRTD should prepare a plan of action for the factory visits by interns to collect information on sustainable manufacturing processes adopted by the industry.

f. SCMD should work closely with Niti Aayog for policy directives in sustainability and circularity in the identified areas to ensure that appropriate standards are made available on time.

g. One of the discussion points in the workshops with Standardisation Cells should be the policy and approach of the Ministry/Departments on Sustainability

8. Promoting the culture of Research

a. Research is fundamental to formulation of good standards. Every Scientific Officer working as Member Secretary, in consultation with the TC concerned, will identify the subjects for Research, which may be of short or long duration.

b. Research work can be awarded to the Academic Institutions BIS has MoU with, individual experts, R&D organisations, as per the norms in this regard, or to other agencies through bidding process.

9. Support Mechanism for Standardisation

a. One Scientific Officer should not manage more than 150 Standards. The strength of the Departments for Standardisation will be worked out accordingly.

b. Each Department will be provided with a five-seven member team of Young Professionals to help it in the varied kinds of planning and coordination, information gathering and analysis, and engagement issues.

c. SCMD will have the strength of one Head, four Scientific Officers, seven Young Professionals and a PSG with one Chief Consultant and four Management Executives.

d. SCMD will ensure that access to international standards is made available to the officers/experts at the earliest, preferably within a week.

e. DDGs will review the status with Heads on all the points covered under these guidelines once every month and will be required to make a presentation in the SoM every month.

These guidelines supersede all the previous instructions/guidelines in regard to and to the extent of the subject covered herein.

ANNEX 27*(Item 12.2)***SEARCH COMMITTEE RECOMMENDATION FOR INDUCTION OF MEMBERS IN TECHNICAL COMMITTEES**

Sl. No.	Technical Committee	Members Recommended for Induction
1	TXD 03 Jute and Jute Products	Jute Products Development Export Promotion Council, (JDPEDC) Kolkata
2	TXD 05 Chemical Methods of Test	a) Eurofin Testing Lab, India b) RRMA
3	TXD 07 Textiles Speciality Chemicals & Dyestuffs	Resil Chemicals Pvt. Ltd., Gurgram
4	TXD 08 Handloom & Khadi	a) Center of Excellence for Khadi (COEK)-NIFT b) Orient Processes Pvt. Ltd., Guwahati. c) Fabindia, New Delhi
5	TXD 09 Cordage	a) Bharat Wire ropes Ltd., Mumbai b) Caliber Lifting Solution, Navi Mumbai
6	TXD 10 Hosiery	a) Lux Industries, Kolkata b) Tamil Nadu Spinners Association, Tamilnadu
7	TXD 14 Textile Machinery and Accessories	a) Lohia Group, Kanpur b) Rieter India Pvt. Ltd., Pune
8	TXD 18 Textile Materials for Marine/Fishing Purposes	a) Central Institute of Fisheries Education, Mumbai. b) National Centre for sustainable Aquaculture, Odisha.
9	TXD 20 Made-up Textiles (Including Ready-made Garments)	a) Pearl Global Industries Pvt. Ltd. b) H & M, India.
10	TXD 23 Textile Materials Made from Polyolefins (Excluding Cordage)	Department of Packaging Technology, IIT Roorkee.
11	TXD 28 Silk and Silk Products	a) Karnataka Silk Industry Corporation Limited (KSIC), Karnataka b) Karnataka State Silk Research & Development Institute (KSSRDI)
12	TXD 30 Geosynthetics	Ashapura Group of Industries. (GCL Manufacturers)
13	TXD 32 Textile Protective Clothing	Dr. Nandan Kumar, High performance textiles fiber Ltd., Panipat

14	TXD 33 Industrial Fabrics	NIT, Jalandhar
15	TXD 34 Technical Textiles for Buildtech Applications	a) NIT, Jalandhar b) Kalyani Polymers, Bangalore
16	TXD 35 Technical Textiles for Agrotech Applications	a) IIT, Delhi b) CSK Agriculture, University, Palampur
17	TXD 36 Technical Textiles for Medtech Applications	a) NABH, New Delhi. b) Association of Healthcare Provider, (AHPS)
18	TXD 37 Technical Textiles for Sportech Applications	Paragon Apparels, Noida
19	TXD 38 Technical Textiles for Mobiltech Applications	IIT Delhi- CART (Centre for Automobile Research & Tribology)
20	TXD 39 Technical Textiles for Clothtech Applications including Narrow Fabrics and Braids	National Institute of Fashion Technology, Delhi
21	TXD 40 Composites and Speciality Fibres	a) Ahmedabad University, Ahmedabad b) Urja Products Pvt Ltd., Ahmedabad

ANNEX 28

(Item 14.1)

**LIST OF PROTECH, GEOTECH, AGROTECH MEDTECH AND PACKTECH ITEMS
REFERRED IN QUALITY CONTROL ORDER BY MINISTRY OF TEXTILES**

PROTECH ITEMS

Sl. No.	IS Number	Product Title
1	IS 15741 : 2007	Textiles — Resistance to ignition of curtains and drapes - Specification
2	IS 15768 : 2008	Textiles — Resistance to Ignition of Upholstered Composites Used for Nondomestic Furniture – Specification
3	IS 16890 : 2018	Textiles — Protective Clothing for Firefighters
4	IS 16874 : 2018	Textiles — Protective gloves for firefighters- Specification
5	IS 15748 : 2022	Textiles — Protective Clothing for Industrial Workers Exposed to Heat (Excluding Firefighters’ and Welders’ Clothing)
6	IS 15742 : 2007	Textiles — Requirements for Clothing Made of Limited Flame Spread Materials and Material Assemblies Affording Protection Against Heat and Flame — Specification
7	IS 15809 : 2017	High Visibility Warning Clothes
8	IS 16655 : 2017/ISO 11611 : 2017	Textiles — Protective Clothing for use in Welding and Allied Processes
9	16725 : 2018	Textiles — Tactical 3 Points Sling Universal — Specification
10	IS 16726 : 2018	Textiles — Pouch for Ammunition and Grenades made of Disruptive Pattern Nylon 6 6 — Specification
11	IS 17051 : 2018	Bullet Resistance Jacket
12	IS 17286:2019	Textiles — Waterproof multipurpose rain poncho with convertibility as bivouac — Specification

GEOTECH ITEMS

Sl. No.	Product Title	Title
1	IS 15351 : 2015	HDPE woven geomembrane for water proof lining
2	IS 15909:2020	PVC Geomembranes for Lining- Specification
3	IS 16653 : 2017	Geosynthetics — Needle Punched Nonwoven Geobags for Coastal and Waterways Protection
4	IS 16654 : 2017	Geosynthetics — Polypropylene multifilament woven geobags for coastal and waterways protection- Specification
5	IS 14715 (Part 1) : 2016	Jute geotextiles Part 1 Strengthening of sub0grade in roads — Specification
6	IS 14715 (Part 2) : 2016	Jute geotextiles Part 2 Control of Bank Erosion in Rivers and Waterways — Specification
7	IS 15869 : 2020	Textiles — Open Weave Coir Bhoovastra — Specification
8	IS 16391 : 2015	Geosynthetics — Geotextiles used in sub-grade separation in pavement structures – Specification
9	IS 16393 : 2015	Geosynthetics — Geotextiles used in Subsurface Drainage Application- Specification
10	IS 16362 : 2020	Geosynthetics — Geotextiles used in subgrade stabilization in pavement structures – Specification
11	IS 16352 : 2020	Geosynthetics — High Density Polyethylene (HDPE) Geomembranes for Lining
12	IS 16090 : 2013	Geosynthetics — Geotextiles used as Protection (or Cushioning) Materials — Specification
13	IS 16392 : 2015	Geosynthetics — Geotextiles for permanent erosion control in hard armor systems- Specification
14	IS 17371 : 2020	Geosynthetics — Geogrids for Flexible Pavements — Specification
15	IS 17372 : 2020	Geosynthetics — Polymeric Strip/Geostrip Used as Soil Reinforcement In Retaining Structures – Specification
16	IS 17373 : 2020	Geosynthetics — Geogrids used in Reinforced Soil Retaining Structures — Specification
17	IS 17374 : 2020	Geosynthetics — Reinforced HDPE Membrane for Effluents and Chemical Resistance Lining
18	IS 17483 (Part 1) : 2020	Geosynthetics — Geocells — Specification Part 1 Load Bearing Application
19	IS 17483 (Part 2): 2020	Geosynthetics — Geocells — Specification Part 2 Slope Erosion Protection Application

AGROTECH ITEMS

Sl. No.	IS Number	Product Title
1	IS 15907 : 2010	Agro Textiles — High Density Polyethylene (HDPE) Woven Beds for Vermiculture — Specification
2	IS 16718 : 2021	Textiles — Polypropylene Spun Bonded Non-Woven Crop Cover and Fruit Skirting Bags for Agriculture and Horticulture Applications — Specification (<i>first revision</i>)
3	IS 16008 (part 1) : 2016	Agro Textiles — Shade Nets for Agriculture and Horticulture Purposes — Specification — Part 1 Shade Nets made from Tape Yarns (<i>first revision</i>)
4	IS 16008 (part 2) : 2016	Agro Textiles — Shade Nets for Agriculture and Horticulture Purposes — Specification Part 2 Shade Nets made from Mono Filament Yarns (<i>first revision</i>)
5	IS 16513 : 2016	Agro textiles — Insect Nets for Agriculture and Horticulture Purposes — Specification
6	IS 16202 : 2014	Agro Textiles — Woven Ground Covers for Horticulture Application — Specification
7	IS 17070 : 2019	Jute Agro Textiles — for Growth of Plants and Suppression of Weeds — Specification
8	IS 16089 : 2013	Jute Agro — Textile — Sapling Bags for Growth of Seedling /Sapling — Specification
9	IS 16190 : 2014	Agro textiles — High Density Polyethylene (HDPE) Laminated Woven Lay Flat Tube for Irrigation Purpose
10	IS 16390 : 2015	Agro Textiles — Nylon Knitted Seamless Gloves for Tobacco Harvesters — Specification
11	IS 16627 : 2017	Agro Textiles — High Density Polyethylene (HDPE) Laminated Woven Lay Flat Tube for use in Mains and Submains of Drip Irrigation System — Specification
12	IS 17355 : 2020	Agro Textiles — Propylene Spun bonded non-woven mulch mat for agriculture and horticulture applications- specification
13	IS 17356 : 2020	Agro Textiles — Windshield Nets for Agriculture and Horticulture Purpose — Specification
14	IS 17357 : 2020	Agro Textiles — Harvest Nets for Agriculture and Horticulture Purposes
15	IS 17358 (Part 1) : 2020	Agro textiles — Fencing Nets for Agriculture and Horticulture Purposes — Specification Part 1 Fencing Nets made from Extruded Polymer Mesh

16	IS 17358 (Part 2) : 2020	Agro textiles — Fencing Nets for Agriculture and Horticulture Purposes — Specification Part 2 Fencing Nets made from Mono Filament Yarns and Combination of Tape and Mono Filament Yarns
17	IS 17513 : 2020	Agro Textiles — Plant Support Nets for Agriculture and Horticulture Purposes — Specification
18	IS 17728 : 2021	Agro Textiles — High Density Polyethylene (HDPE) Laminated Woven Lay Flat Tube and Fittings for use in Rain Irrigation System — Specification
19	IS 17729 : 2021	Agro — Textiles Flexible Water Storage Tank for Agriculture and Horticulture Purposes Specification
20	IS 17730 (Part 1) : 2021	Agro — Textiles Hail Protection Nets for Agriculture and Horticulture Purposes Specification Part 1 Warp Knitted Hail Protection Nets

MEDTECH ITEMS

SI No.	IS No.	Product Title
1	IS 5405:2019	Sanitary Napkins — Specification (<i>second revision</i>)
2	IS 17349:2020	Medical Textiles — Shoe Covers — Specification
3	IS 17354:2020	Medical Textiles — Dental Bib/Napkins — Specification
4	IS 17509:2021	Disposable Baby Diaper — Specification
5	IS 17514:2021	Reusable Sanitary Pad / Sanitary Napkin / Period Panties — Specification
6	IS 17630:2021	Medical Textiles — Bedsheet and Pillow Cover — Specification

HDPE/PP BAGS FOR PACKING FERTILIZERS, CEMENT, POLYMER, MAIL SORTING ITEMS

SI No.	IS No.	Product Title
1	IS 9755 : 2021	Textiles — High Density Polyethylene (HDPE) / Polypropylene (PP) Woven Sacks for Packing Fertilizers
2	IS 11652 : 2017	Textiles — High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 kg Cement
3	IS 16703 : 2017	Textiles — High Density Polyethylene (HDPE) /Polypropylene (PP) Woven Sacks for Packaging of 25 kg Polymer Materials
4	IS 16709 : 2017	Textiles — Polypropylene (PP) Woven Laminated Block Bottom Valve Sacks for Packaging of 50 kg Cement — Specification
5	IS 17399 : 2020	Textiles — Polypropylene (PP)/ High Density Polyethylene (HDPE) Laminated Woven Sacks for Mail Sorting Storage Transport and Distribution — Specification

ANNEX 29

(Item 14.2)

Medical Textiles Items Regulated under the Medical Device Rules, 2017

Sl No.	IS No.	Product Title
1	IS 16669:2017	Medical Textiles — Elastic Adhesive Dressing — Specification
2	IS 16291:2014	Medical Textiles — Paraffin Gauze Dressings — Specification
3	IS 16290:2014	Medical Textiles — Knitted Viscose Primary Dressings — Specification
4	IS 16466:2020	Medical Textiles — Povidone Iodine Ointment Based Knitted Dressing — Specification
5	IS 16468:2016	Medical textiles — Absorbent Cotton (Sterile and non-sterile) — Specification
6	IS 16470:2016	Medical Textiles — Elastic Surgical Adhesive Tapes — Specification
7	IS 16670:2017	Medical Textiles — Absorbent Cotton Ribbon Gauze — Specification
8	IS 16668:2017	Medical Textiles — Salicylic Acid Adhesive Plaster — Specification
9	IS 16948:2018	Medical textile — Permeable Nonwoven Surgical Adhesive Tape — Specification
10	IS 16950:2018	Medical Textiles — X-Ray Detectable Absorbent Cotton Gauze — Specification
11	IS 757:1971	Specification for Handloom Cotton Lint, Absorbent, Bleached,
12	IS 758 : 1988	Specification for Cotton Gauze, Absorbent, Non-Sterilized (<i>fourth revision</i>)
13	IS 863 : 1988	Specification for Cotton Bandage Cloth, Non-Sterilized (<i>second revision</i>)
14	IS 10829:1993	X — Ray Detectable Gauze Swabs And Laparotomy Sponges — Specification
15	IS 14316:1995	Swabs, Small, in Bag Of 50 — Specification
16	IS 4605:2021	Crepe Bandage
17	IS 16469:2016	Medical Textiles — Open Weave Bandages — Specification
18	IS 16946:2018	Medical Textiles — Elasticated tubular bandages — Specification
19	IS 9751:1981	Specification for Bandage, Suspensory
20	IS 14274:1995	Bandage, T- Shaped, Calico — Specification
21	IS 14306:1995	Bandage, Triangular, Calico — Specification
22	IS 4739:1986	Specification for Zinc Oxide Elastic Self-Adhesive Bandage
23	IS 16111:2013	Elastic Bandage
24	IS 16660:2017	Medical Textiles — Nonwoven Bandage Rolls — Specification

25	IS 16302:2020	Medical Textiles — Orthopedic Stockinet — Specification
26	IS 16303:2014	Medical Textiles — Cast Padding for Orthopaedic Plaster — Specification
27	IS 16467:2016	Medical Textiles — Graduated Medical Compression Stockings — Specification
28	IS 16671:2020	Medical Textiles — Belladonna Adhesive Plaster — Specification
29	IS 16949:2018	Medical textiles — Adhesive Extension Plaster — Specification
30	IS 6237:1971	Specification for Handloom Cotton Cloth for Plaster of Paris Bandages and Cut Bandages
31	IS 4717:2020	Specification for Zinc Oxide Self-Adhesive Plaster
32	IS 4738:2020	Bandage, Plaster of Paris Specification
33	IS 11163:2020	Specification First Aid Dressings
34	IS 16289:2014	Medical Textiles — Surgical Face Masks
35	IS 17334:2019	Medical Textiles — Surgical Gowns And Surgical Drapes
36	IS 17348:2020	Medical Textiles — Adhesive Incise Drape — Specification
37	IS 17350:2020	Medical Textiles — Abdominal Binder — Specification
38	IS 17351:2020	Medical Textiles — Dressing, Shell Compressed — Specification
39	IS 17352:2020	Medical Textiles — Foam Dressing — Specification
40	IS 17353:2020	Medical Textiles — Pressure Garment — Specification
41	IS 17359:2020	Medical Textiles — Anti-Emboloc Stocking For Post up use up to Thigh Medium — Specification
42	IS 17423:2021	Medical Textiles — Bio-Protective Coveralls
43	IS 17506:2020	Medical Textiles — Hydrocolloid Dressing — Specification
44	IS 17507:2020	Medical Textiles — Cellulose Wading — Specification
45	IS 17508:2020	Disposable Adult Incontinence Diaper — Specification
46	IS 17528:2021	Medical Textiles — Chlorhexidine Gauze Dressing — Specification
47	IS 17628:2021	Medical Textiles — Eye Pad — Specification
48	IS 17629:2021	Medical Textiles — Caps — Specification

ANNEX 30
(Item 14.3)

LIST OF PRODUCTS TO BE COVERED UNDER QCO IN PHASE III

Sl. No.	IS Number	Product Title
1	7903:2017	Textiles — Tarpaulins made from High Density Polyethylene (HDPE) Woven Fabrics
2	17880 :2022	Geosynthetics — Synthetic Polymer Rope Gabions for Coastal and Waterways Protection — Specification
3	17786 :2022	Medical Textiles — Underpad — Specification
4	17787 :2021	Medical Textiles — Nonwoven Wipes — Specification
5	17788:2021	Medical Textiles — Nonwoven Fabric for Wipes — Specification
6	12989 : 2016	Camping Tents (<i>third revision</i>)
7	15272 : 2020	Textiles — Awnings for Leisure Accommodation Vehicles — Requirements and Test Methods (<i>Second Revision</i>)
8	11057 : 1984	Specification for Industrial Safety Nets
9	1084:2005	Textiles — Manila ropes
10	11066:2014	Fibre Ropes — Polyester 3-, 4-, 8- and 12- strand ropes
11	14928:2001	Textiles — Composite Synthetic Fibre Ropes
12	14929:2001	Textiles — High Strength Polyolefins Copolymer Ropes
13	1804:2004	Steel wire ropes —Fibre Main Cores
14	1912:1984	Specification for Country Jute Twine
15	4572:2014	Fibre Ropes — Polyamide 3- 4- 8- and 12-Strand ropes
16	5175:2014	Fibre Ropes — Polypropylene split film, monofilament and multifilament (PP2) and polypropylene high- tenacity multifilament (PP3) – 3-, 4-, 8- and 12-strand ropes
17	8674 : 2013	Fibre Ropes — Polyethylene 3- and 4 -Strand Ropes
18	17609 : 2021	Fibre Ropes of Polyester/Polyolefin Dual Fibres
19	15852:2009	Textiles — Polyester Blended Woven Shirting for Uniforms
20	15853:2009	Textiles — Polyester Blended Woven Suiting for Uniforms
21	3617:2021	Textiles — Gents Pullover Knitted
22	4964:2013	Textiles — Vests, Cotton, Plain (Single Jersey) Knitted
23	4375 : 2019	Specification for Mens Cotton Knitted Sports Shirt T-Shirt (<i>second revision</i>)

24	4046 (Part 1) : 2013	Textiles — Gents cotton briefs Specification Part 1: 1x1 Rib knitted (<i>third revision</i>)
25	4046 (Part 2) : 2013	Textiles — Gents Cotton Briefs Specification Part 2: Plain Knitted First Revision
26	17478 : 2020	Textile Floor Covering — Wall to Wall Carpets Made of Polyamide (Nylon) Yarn — Specification
27	17479 : 2020	Textile Floor Covering — Carpet Tiles Made of Polyamide (Nylon) Yarn — Specification
28	17757 : 2022	Textiles Automotive — Tufted Floor Covering - Specification
29	17758 : 2022	Textiles Automotive — Non-woven Carpet Mat - Specification
30	11420 (Part 1 to 9) : 2020	Specification for Coir Mats
31	12503 (Part 1 to 6) : 2020	Coir Mattings Mourzouks And Carpets (<i>first revision</i>)
32	17734 : 2022	PVC Latex Tufted Coir Mats — Specification
33	5884 : 2020	Textile Floor Covering — Hand Tufted Carpets — Specification (<i>Third Revision</i>)
34	17739 : 2022	Raw Coir Pith — Specifications
35	17879 : 2022	Textiles — Polyester Textured Yarns — Specification
36	1422 : 1983	Specification for Cotton Duck (<i>third revision</i>)
37	16126 : 2013	Textiles — Waterproof tarpaulins made from woven polyester fabric — Specification
38	15041:2001	Textiles — Flat Woven Webbing Slings Made of Man-Made Fibres for General Services

Annex 31
(Item 16.1)

**SCOPE AND TERM OF REFERENCE OF CONSULTATIVE GROUPS ON SUSTAINABILITY
IN THE RESPECTIVE SECTOR**

Scope:

To provide recommendations for addressing concept of sustainability based on latest developments, best practices and regulations related to sustainability in standards that would help towards achievement of SDGs relevant to subject area.

Terms of Reference:

1. Recommendations and Guidelines

The group will provide recommendations for addressing sustainability within standards, offering guidance on best practices, sustainable sourcing, and environmentally conscious manufacturing processes relevant to the sector. The group's key role is advisory, focusing on suggesting measures to align with sustainability objectives.

2. Collaboration and Consultation

The group will collaborate with other sectoral consultative groups, government bodies, and relevant stakeholders to ensure a comprehensive approach to sustainability in Indian standards. This collaboration aims to facilitate information exchange and maintain consistency in sustainability practices across different sectors.

3. Meetings and Reporting

Convener of group shall be the Head of the related technical department. The group shall meet at least quarterly. During these meetings, members will review progress, discuss ongoing challenges, and develop new recommendations for sustainability.

4. Tenure

The tenure for the consultative group shall be three years, with the possibility of extension based on performance and ongoing needs. BIS as well as members in consultative groups can give recommendation to co-opt and remove members within the groups. During this time, the group shall work to align the sector's

standards with broader sustainability goals, contributing to India's climate commitments and the Sustainable Development Goals (SDGs).

Consultative Group: Textiles Department (TXD)		
<i>Company Name</i>	<i>Nominated Person</i>	<i>Designation</i>
Raymond Uco Denim-Everblue Apparel Ltd	Mr Nitin Shrivastava	Head of Operations/Works Director
Geetanjali Woollens Private Limited	Mr. Deepak Goel	Director
Century Enka Ltd	Mr. Veeresh Hiremath	Vice President (QC & CTS)
Grasim Industries Limited	Mr. Surya Valluri	Chief Sustainability Officer
Monte Carlo Fashions Ltd	Mr. Manish Chopra	Head: Production
Pinkishe Foundation	Mr. Arun Gupta	Managing Trustee and President of Pinkishe Foundation
Arghyam	Mr. Manu	Chief Operating Officer
Goonj	Smt. Meenakshi Gupta	Co- founder

Annex 32
(Item 16.1)

LIST OF INDIAN STANDARDS UNDER CERTIFICATION

Sr. No.	IS Number	Standard Title	Technical Comittee	Total License
1	IS 1 : 1968	Specification for The National Flag of India (Cotton Khadi) (<i>Second Revision</i>)	TXD 08	6
2	IS 10228 : 1982	Specification for School Bag	TXD 20	1
3	IS 1084 : 2005	Textiles — Manila Ropes — Specification (<i>Fifth Revision</i>)	TXD 09	3
4	IS 11066 : 2014	Fibre ropes — Polyester — 3- 4- 8- and 12- strand ropes (<i>Second Revision</i>)	TXD 09	1
5	IS 11066 : 2022	Fibre ropes — Polyester — 3- 4- 8- and 12- strand ropes (<i>Third Revision</i>)	TXD 09	6
6	IS 11652 : 2017	Textiles — High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Packaging of 50 kg Cement — Specification (<i>Third Revision</i>)	TXD 23	17
7	IS 12650 : 2018	Textiles — Jute Bags for Packing 50 kg Foodgrains — Specification (<i>Third Revision</i>)	TXD 03	1
8	IS 1321 : PART 1 : 2003	Sisal Ropes — Specification Part 1 Untarred Varieties (<i>Fourth Revision</i>)	TXD 09	3
9	IS 13489 : 2000	Textiles — Bed Mattress — Specification (<i>First Revision</i>)	TXD 20	7
10	IS 1422 : 1983	Specification for Cotton Duck (<i>Third Revision</i>)	TXD 33	2
11	IS 14252 : 2015	Textiles — High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for Filling Sand — Specification (<i>Second Revision</i>)	TXD 23	10
12	IS 14597 : 1998	Synthetic Tarpaulins (Heavy Duty Protective Covers) Made from Coated Nylon or Polyester Fabrics — Specification	TXD 33	3
13	IS 14887 : 2014	Textiles — High Density Polyethylene (HDPE) / Polypropylene (PP) Woven Sacks for Packaging of 50 kg Food Grains — Specification (<i>First Revision</i>)	TXD 23	128
14	IS 14928 : 2001	Textiles — Composite Synthetic Fibre Ropes — Specification	TXD 09	1
15	IS 14929 : 2001	Mixed polyolefin fibre ropes	TXD 09	2
16	IS 14929 : 2022	Mixed Polyolefin Fibre Ropes (<i>First Revision</i>)	TXD 09	5
17	IS 14953 : 2006	Textiles — Polyester or Polyamide Mosquito Nets — Specification (<i>First Revision</i>)	TXD 32	1
18	IS 14968 : 2015	Textiles — High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for	TXD 23	142

		Packaging 50 kg/25 kg Sugar — Specification (<i>First Revision</i>)		
19	IS 15041 : 2001	Textiles — Flat Woven Webbing Slings Made of Man-Made Fibres for General Services	TXD 09	6
20	IS 15138 : 2010	Textiles — Jute Bags for Packing 50 Kg Sugar — Specification (<i>First Revision</i>)	TXD 03	32
21	IS 15351 : 2015	Agro Textiles — Laminated High Density Polyethylene (HDPE) Woven Geomembrane for Water Proof Lining — Specification (<i>Second Revision</i>)	TXD 35	53
22	IS 15748 : 2022	Protective Clothing — Clothing to Protect Against Heat and Flame — Minimum Performance Requirements (<i>First Revision</i>)	TXD 32	3
23	IS 15809 : 2017	High Visibility Warning Clothes — Specification (<i>First Revision</i>)	TXD 32	6
24	IS 15852 : 2009	Textiles — Woven Shirtings Made of Cotton, Man-Made Fibres/Filaments and their Blends — Specification	TXD 31	4
25	IS 15853 : 2009	Textiles — Woven Suitings Made of Cotton, Man-Made Fibres/Filaments and their Blends — Specification	TXD 31	4
26	IS 15907 : 2010	Agro Textiles — High Density Polyethylene (Hdpe) Woven Beds for Vermiculture — Specification	TXD 35	12
27	IS 15909 : 2020	PVC Geomembranes for Lining — Specification (<i>Second Revision</i>)	TXD 30	2
28	IS 16008 : PART 1 : 2016	Agro Textiles — Shade Nets for Agriculture and Horticulture Purposes — Specification Part 1 Shade Nets Made from Tape Yarns (<i>First Revision</i>)	TXD 35	14
29	IS 16008 : PART 2 : 2016	Agro Textiles — Shade Nets for Agriculture and Horticulture Purposes — Specification Part 2 Shade Nets Made from Mono Filament Yarns (<i>First Revision</i>)	TXD 35	13
30	IS 16090 : 2013	Geo-Synthetics — Geo-Textiles Used as Protection (or Cushioning) Materials — Specification	TXD 30	2
31	IS 16111 : 2013	Elastic Bandage	TXD 36	1
32	IS 16186 : 2014	Textiles — Light Weight Jute Sacking Bags for Packing 50 kg Foodgrains — Specification	TXD 03	93
33	IS 16187 : 2014	Textiles —High Density Polyethylene (HDPE)/ Polypropylene (PP) Leno Woven Sacks for Packaging and Storage of Fruits and Vegetables — Specification	TXD 23	1

34	IS 16190 : 2014	Agro Textiles — High Density Polyethylene (HDPE) Laminated Woven Lay Flat Tube for Irrigation Purpose — Specification	TXD 35	6
35	IS 16208 : 2015	Textiles — High Density Polyethylene (HDPE)/Polypropylene (PP) Woven Sacks for Packaging 10 kg, 15 kg, 20 kg, 25 kg and 30 kg Foodgrains — Specification	TXD 23	22
36	IS 16289 : 2014	Medical Textiles — Surgical Face Masks — Specification	TXD 36	19
37	IS 16352 : 2020	Geosynthetics — High Density Polyethylene (HDPE) Geomembranes for Lining — Specification (<i>First Revision</i>)	TXD 30	2
38	IS 16362 : 2020	Geosynthetics — Geotextiles used in Subgrade Stabilization in Pavement Structures — Specification (<i>First Revision</i>)	TXD 30	4
39	IS 16391 : 2015	Geosynthetics — Geotextiles Used in Sub-Grade Separation in Pavement Structures — Specification	TXD 30	2
40	IS 16392 : 2015	Geosynthetics — Geotextiles for Permanent Erosion Control in Hard Armor Systems — Specification	TXD 30	3
41	IS 16393 : 2015	Geosynthetics — Geotextiles Used in Subsurface Drainage Application — Specification	TXD 30	1
42	IS 16481 : 2022	Textiles — Synthetic Micro Fibres for Use in Cement Based Matrix — Specification (<i>First Revision</i>)	TXD 34	7
43	IS 16513 : 2016	Agro Textiles — Insect Nets for Agriculture and Horticulture Purposes — Specification	TXD 35	10
44	IS 16627 : 2017	Agro Textiles — High Density Polyethylene (Hdpe) Laminated Woven Lay Flat Tube for Use in Mains and Submains of Drip Irrigation System — Specification	TXD 35	1
45	IS 16653 : 2017	Geosynthetics — Needle Punched Nonwoven Geobags For Coastal and Waterways Protection — Specification	TXD 30	7
46	IS 16654 : 2017	Geosynthetics — Polypropylene Multifilament Woven Geobags for Coastal and Waterways Protection — Specification	TXD 30	3
47	IS 16703 : 2017	Textiles — High Density Polyethylene (HDPE) Polypropylene (PP) Woven Sacks for Packaging of 25 kg Polymer Materials — Specification	TXD 23	36
48	IS 16874 : 2018	Textiles — Protective Gloves for Firefighters — Specification	TXD 32	1
49	IS 16890 : 2018	Textiles — Protective Clothing for Firefighters — Specification	TXD 32	3

50	IS 17051 : 2018	Textiles — Bullet Resistant Jackets — Performance Requirements	TXD 32	1
51	IS 17261 : 2022	Textiles — Polyester Continuous Filament Fully Drawn Yarns — Specification (<i>First Revision</i>)	TXD 31	35
52	IS 17262 : 2022	Textiles — Polyester Partially Oriented Yarn (POY) — Specification (<i>First Revision</i>)	TXD 31	42
53	IS 17263 : 2023	Textiles — Polyester Staples Fibres — Specification (<i>Second Revision</i>)	TXD 31	50
54	IS 17264 : 2022	Textiles — Polyester Industrial Yarns — Specification (<i>First Revision</i>)	TXD 31	9
55	IS 17265 : 2022	Textiles — 100 Percent Polyester Spun Grey and White Yarns — Specification (<i>First Revision</i>)	TXD 31	25
56	IS 17265 : 2023	Textiles — 100 Percent Polyester Spun Grey and White Yarns — Specification (<i>Second Revision</i>)	TXD 31	99
57	IS 17266 : 2019	Textiles — Viscose Staple Fibres — Specification	TXD 31	4
58	IS 17334 : 2019	Medical Textiles — Surgical Gowns and Surgical Drapes — Specification	TXD 36	2
59	IS 17358 : PART 1 : 2020	Agro Textiles — Fencing Nets for Agriculture and Horticulture Purposes — Specification Part 1 Fencing Nets Made from Extruded Polymer Mesh	TXD 35	1
60	IS 17371 : 2020	Geosynthetics — Geogrids for Flexible Pavements — Specification	TXD 30	5
61	IS 17372 : 2020	Geosynthetics — Polymeric Strip / Geostrip used as Soil Reinforcement in Retaining Structures — Specification	TXD 30	5
62	IS 17373 : 2020	Geosynthetics — Geogrids used in Reinforced Soil Retaining Structures — Specification	TXD 30	8
63	IS 17374 : 2020	Geosynthetics — Reinforced HDPE Membrane for Effluents and Chemical Resistance Lining — Specification	TXD 30	1
65	IS 17423 : 2021	Medical Textiles — Bio-Protective Coveralls — Specification (<i>First Revision</i>)	TXD 36	5
66	IS 17483 : PART 1 : 2020	Geosynthetics — Geocells — Specification Part 1 Load Bearing Application	TXD 30	6
67	IS 17483 : PART 2 : 2020	Geosynthetics — Geocells — Specification Part 2 Slope Erosion Protection Application	TXD 30	6
68	IS 175 : 2023	Sheeting, Tickings and Bedsheets — Specification (<i>Fourth Revision</i>)	TXD 31	1
69	IS 17508 : 2020	Disposable Adult Incontinence Diaper — Specification	TXD 36	2
70	IS 17509 : 2021	Disposable Baby Diaper — Specification	TXD 36	4

71	IS 17513 : 2020	Agro Textiles — Plant Support Nets for Agriculture and Horticulture Purposes — Specification	TXD 35	1
72	IS 17514 : 2021	Reusable Sanitary Pad / Sanitary Napkin / Period Panties — Specification	TXD 36	2
73	IS 177 : 1989	Cotton Drills — Specification (<i>Fourth Revision</i>)	TXD 31	1
74	IS 17728 : 2021	Agro Textiles — High Density Polyethylene (HDPE) Laminated Woven Lay Flat Tube and Fittings for use in Rain Irrigation System — Specification	TXD 35	1
75	IS 17729 : 2021	Agro Textiles — Flexible Water Storage Tank for Agriculture and Horticulture Purposes — Specification	TXD 35	1
76	IS 17730 : PART 1 : 2021	Agro Textiles — Hail Protection Nets for Agriculture and Horticulture Purposes — Specification Part 1 Warp Knitted Hail Protection Nets	TXD 35	4
77	IS 17730 : PART 2 : 2021	Agro Textiles — Hail Protection Nets for Agriculture and Horticulture Purposes — Specification Part 2 Woven Hail Protection Nets	TXD 35	2
78	IS 17731 : 2021	Agro Textiles — Laminated Woven Orchard Protection Covers — Specification	TXD 35	2
79	IS 17788 : 2021	Medical Textiles — Nonwoven Fabric for Wipes — Specification	TXD 36	1
80	IS 17880 : 2022	Geosynthetics — Synthetic Polymer Rope Gabions for Coastal and Waterways Protection — Specification	TXD 30	1
81	IS 1804 : 2004	Steel Wire Ropes — Fibre Main Cores — Specification (<i>Fourth Revision</i>)	TXD 09	2
82	IS 18118 : 2023	Textiles — Flat Woven Webbing Slings Made from Blend of Polyester Multifilament and High Strength Mixed Polyolefin Tapes — Specification	TXD 09	1
83	IS 18161 : 2023	Textiles — Light Weight Jute Sacking Bags for Packing 50 kg Mustard Seed, Niger Seed and Ragi — Specification	TXD 03	30
84	IS 18162 : 2023	Textiles — Light Weight Jute Sacking Bags for Packing 50 kg Pulses and Soyabean — Specification	TXD 03	36
85	IS 18163 : 2023	Textiles — Light Weight Jute Sacking Bags for Packing 35 kg Groundnut with Shell — Specification	TXD 03	31
86	IS 18266 : 2023	Textiles — Medical Respirator — Specification	TXD 36	1
87	IS 18309 : 2023	Geosynthetics — Prefabricated Vertical Drains for Quick Consolidation of Very Soft Plastic Soil — Specification	TXD 30	1
88	IS 187 : 2022	Textiles — Cotton Long Cloth — Specification (<i>Third Revision</i>)	TXD 31	1

89	IS 19022 : 2023	Medical Textiles — Barrier Face Covering — Specification	TXD 36	1
90	IS 1912 : 1984	Textiles — Country Jute Twine — Specification (<i>Third Revision</i>)	TXD 09	3
92	IS 1943 : 1995	Textiles — A-Twill Jute Bags — Specification (<i>Second Revision</i>)	TXD 03	8
93	IS 2089 : 1977	Specification for Common Proofed Canvas/Duck and Paulins (Tarpaulins) (<i>Second Revision</i>)	TXD 33	4
94	IS 3566 : 2023	Textiles — Viscose Rayon Cut Staple Spun Yarn — Specification (<i>Second Revision</i>)	TXD 31	30
95	IS 3768 : 1996	Ventilation Ducting — Vinyl Coated, Flexible and Semi-Rigid — Specification (<i>Second Revision</i>)	TXD 33	2
96	IS 4355 : 1977	Specification for Fire-resistant Brattice Cloth (<i>First Revision</i>)	TXD 32	4
97	IS 4572 : 2022	Fibre Ropes — Polyamide — 3-, 4-, 8- and 12- Strand Ropes (<i>Fifth Revision</i>)	TXD 09	7
99	IS 4605 : 2020	Crepe Bandage — Specification (<i>Second Revision</i>)	TXD 36	3
100	IS 4964 : 2013	Textiles — Vest, Cotton, Plain (Single Jersey) Knitted — Specification (<i>Fifth Revision</i>)	TXD 10	5
101	IS 5175 : 2022	Fibre Ropes — Polypropylene Split Film, Monofilament and Multifilament (PP2) and Polypropylene High- Tenacity Multifilament (PP3) — 3-, 4-, 8- and 12- Strand Ropes (<i>Fourth Revision</i>)	TXD 09	33
102	IS 5405 : 2019	Sanitary Napkins — Specification (<i>Second Revision</i>)	TXD 36	40
103	IS 5915 : 1970	Specification for Single Texture Rubberized Waterproof Fabrics	TXD 33	1
104	IS 6803 : 1972	Specification for Special Proofed Canvas and Duck	TXD 33	1
105	IS 6994 : PART 1 : 2021	Protection of Arms and Hands Part 1 Protective Gloves against Dangerous Chemicals and Micro-organisms — Terminology and Performance Requirements for Chemical Risks (<i>First Revision</i>)	TXD 32	1
107	IS 758 : 2023	Medical Textiles — Absorbent Cotton Gauze — Specification (<i>Fifth Revision</i>)	TXD 36	13
108	IS 7903 : 2017	Textiles — Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics — Specification (<i>Fifth Revision</i>)	TXD 23	59
109	IS 8164 : 2023	Hospital Rubber Sheeting Without Reinforcing Fabric — Specification (<i>First Revision</i>)	TXD 33	1
110	IS 8391 : PART 1 : 2019	Rubberized Coir Sheets for Cushioning — Specification Part 1 Curled (<i>Third Revision</i>)	TXD 25	21
111	IS 8391 : PART 3 : 2019	Rubberized Coir Sheets for Cushioning — Specification Part 3 Sandwiched (<i>Third Revision</i>)	TXD 25	3

112	IS 863 : 1988	Medical Textiles — Cotton Bandage Cloth — Specification (<i>Third Revision</i>)	TXD 36	14
113	IS 9755 : 2021	Textiles — High Density Polyethylene (HDPE) / Polypropylene (PP) Woven Sacks for Packaging Fertilizers — Specification (<i>Sixth Revision</i>)	TXD 23	9
Total				1405