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BUREAU OF INDIAN STANDARDS

Minutes

**Made-up Textiles (Including Ready-Made Garments)
Sectional Committee, TXD 20**

24th Meeting

Date	Time	Venue
05 April, 2023 (Wednesday)	1100 h	Video Conference through CISCO Webex

ATTENDEES:

Sl. No.	Representative	Organizations
1.	Dr Arindam Basu (Chairman)	Northern India Textile Research Association, Ghaziabad
2.	Dr. Subrata Das	Bannari Amman Institute of Technology, Tamilnadu
3.	Dr. K. Krishnaraj	CSIR- Central Leather Research Institute, Chennai
4.	Shri S. Buchchan	Department of Posts, Ministry of Communications and IT, New Delhi
5.	Shri Alok Kumar	-do-
6.	Shri D. K. Pujari	Directorate General of Quality Assurance, Kanpur
7.	Dr. Neha Kapil	Northern India Textile Research Association, Ghaziabad
8.	Shri Vivek Agarwal	-do-
9.	Shri Rajneesh Rai	Shahi Exports Pvt. Ltd., Faridabad
10.	Dr. Bhuvneshwar Rai	Shriram Institute for Industrial Research, Delhi

BIS DIRECTORATE GENERAL:

11.	Shri Himanshu Shukla Scientist B (Textiles) & (Member Secretary)	Bureau of Indian Standards, New Delhi
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Item 0 WELCOME AND INTRODUCTORY REMARKS

Dr. Arindam Basu, Chairman welcomed all the members and invitees present in the meeting and appreciated the contribution of members for National Standardization efforts in the area of

Made up textile and Ready made garments. He also requested the members to complete the assigned task in a time bound manner as the meetings of TXD 20 are now being convened regularly.

Member Secretary also extended a hearty welcome to the Chairman and members of TXD 20.

Item 1 CONFIRMATION OF THE MINUTES OF THE PREVIOUS MEETING

The Committee confirmed the minutes of 23rd meeting held on held on 19 July 2022 through virtual mode at BIS, New Delhi and as circulated vide BISDG letter no. TXD 20/A2.23 dated 25 July 2022.

Item 2 SCOPE AND COMPOSITION OF TXD 20

2.1 The committee noted the present scope and reviewed the composition of TXD 20 as given in **Annex 1** to the Agenda and DECIDED as under:

The updated representations in the committee of following organizations are as under:

- i) Name of Smt. Neha Kapil shall be updated as Dr. Neha Kapil from NITRA, Ghaziabad.
- ii) Name of Shri K. Krishnaraj and Shri R Mohan shall be updated as Dr. K. Krishnaraj and Dr. R Mohan respectively from CSIR- Central Leather Research Institute, Chennai.

Item 3 ISSUES ARISING OUT OF PREVIOUS MEETING OF TXD 20

3.1 The Committee NOTED the summary of actions taken on the various decisions of the 23rd meeting as given in **Annex 2** of the agenda.

Item 4 DRAFT STANDARDS FOR FINALIZATION

4.1 The committee considered the following draft standards as given in Annex 3 to the agenda:-

- 1) ISO 20947-1:2021 Performance evaluation protocol for digital fitting systems — Part 1: Accuracy of virtual human body representation [Doc. No. TXD/20(21414)]
- 2) ISO 20947-2:2020 Performance evaluation protocol for digital fitting systems — Part 2: Virtual garment [Doc. No. TXD/20(21416)]

After deliberation, the committee decided that above drafts are FINALIZED for publication as Indian Standards under dual numbering system.

BIS may carry out the editorial changes in the drafts if required.

4.2 The committee considered the draft revision of 'IS 14452:2009 Textiles — Care labelling code using symbols [Doc. No. TXD/20(21318)] based on latest version of ISO standard 'ISO

3758 : 2012' as issued in wide circulation and as given in Annex 4 to the Agenda.

After deliberation, the committee finalized the above draft for publication as Indian Standard under dual numbering system.

BIS may carry out the editorial changes in the draft if required.

4.3 The committee considered the draft 'Textiles — Nylon Blue Airmail Bags — Specification [DOC. TXD 20 (18199)]' as given in Annex 5 to the Agenda. The committee also scrutinized the test reports of tearing strength and technical comments as received from NITRA, Ghaziabad as given in Annex 5A (attached separately) to the Agenda.

After deliberation committee decided as follows:

- i) Mean tear strength value from test reports shall be incorporated in the standard. The tear strength for the product shall be determined by the method as given in 'IS 6489 Part 1: 2011 Textiles – Tear properties of fabrics Part 1 Determination of tear force using ballistic pendulum method (Elmendorf) (second revision)'
- ii) Nature of fiber/filament used for manufacturing bag shall be specified in the standard.

The committee further decided that above draft is Finalized for publication as Indian Standard after incorporating the changes as mentioned at Sl. Nos (i) and (ii). BIS may carry out the editorial changes in the draft if required.

Item 5 PRELIMINARY DRAFTS UNDER TXD 20

5.1 The committee considered the draft on Safety requirements of Kids-wear as given in **Annex 6** to the Agenda.

After deliberations, the committee decided the followings:

- i) To incorporate two age groups i.e. Infant (at the age of 36 months old or below) and Children (at the age of over 3 years old and under 14 years old) in the draft.
- ii) To modify the requirement and test method for flammability by taking assistance from available international standards. The requirement shall also address the raised or plain surface of fabrics.
- iii) To elaborated Physical requirements by giving suitable figures against each requirements.
- iv) To exclude the Requirement for Azo dye test.
- v) To add the requirements for surface coating in addition to Total Heavy Metal requirement.
- vi) To incorporate/ modify requirements for Total Phthalates in ppm, Banned aryl amines, volatile hydrocarbons requirements shall be by taking reference from available International specification, REACH regulation, DIN standards and other standards available on Product safety & restricted substances in apparel.

The committee further decided that the preliminary draft on the above subject shall be circulated to all committee members for 30 days after incorporating the changes mentioned at Sl. Nos (i) to (vi). The comments as received shall be placed during the next committee meeting.

5.2 The committee considered the draft revision of 'IS 10228 School Bag' as prepared after incorporating the suggestions/comments received from CSIR-CLRI, Chennai and as given in Annex 7 to the Agenda.

After deliberation, the committee decided to circulate the preliminary draft to all members for 30 days for comments. The committee further decided that manufacturers of school bags will also be invited/co-opted in the next meeting of TXD 20.

Item 6 FORMULATION OF INDIAN STANDARDS ON NEW SUBJECTS

6.1 The committee considered the following subjects as identified from the list received from Trade Advisor, Ministry of Textiles and Department for Promotion of Industry and Internal Trade (DPIIT) on Apparel and Fabrics for formulation of Indian Standards in a time bound manner:

Identified subjects on Apparel and Fabrics:

- 1) Men's or boys' shirt
- 2) Men's or boys' trousers
- 3) Raincoats
- 4) Overcoats
- 5) Jackets
- 6) Frocks
- 7) Skirts
- 8) Blazers
- 9) Woven Fabrics made of monofilament, textured and non-textured polyester yarn. (Polyester \geq 85%)
- 10) Polyester viscose rayon mixed woven Fabric (Polyester $<$ 85%)
- 11) Nylon woven fabric (Nylon \geq 85%)
- 12) Cardigan (Woven) (Cotton & Synthetic)
- 13) Waistcoat (Cotton & Synthetic)
- 14) Ties
- 15) Bow ties
- 16) Cravats

After deliberation, the committee decided as follows:

- i) Identify the relevant stakeholders from Industries, Laboratory and Users of the aforementioned products for inviting/co-opting in the committee.
- ii) The products falling within same product category with similar applications/intended use and performance requirement shall be covered within same standard.

- iii) Title of the standard for the product will be based on the terminologies used in domestic market.

The committee further decided that a mail containing the above subject list shall be circulated to all committee members for their suggestion on the product title and working draft. The inputs as received will be placed in the next committee meeting.

Item 7 REVIEW OF INDIAN STANDARDS

7.1 The Committee considered the list of standards published prior to the year 2000 under the domain of TXD 20 as given in **Annex 8** to the Agenda.

After deliberation the committee decided to circulate soft copies (preferably in word format for ease in incorporation of changes) to all members of committee for obtaining technical comments for 2 months. The committee also decided that based on the technical inputs received from the committee members on the Indian standards, the standards shall be taken up for revision/withdrawal.

Item 8 TECHNICAL WORK PROGRAMME OF THE COMMITTEE

The Committee NOTED the list of published standards under TXD 20.

Item 9 ANY OTHER BUSINESS

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