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**BUREAU OF INDIAN STANDARDS**

*(New Delhi)*

**Minutes**

**Made-up Textiles (Including Ready-Made Garments) 26th Meeting Sectional Committee, TXD 20**

|  |  |  |
| --- | --- | --- |
| **Date** | **Time** | **Venue** |
| 20 August 2024 (Tuesday) | 11:00 h | Video Conference through CISCO Webex |

**ATTENDEES:**

|  |  |  |
| --- | --- | --- |
|  | Dr Arindam Basu (Chairman) | Northern India Textile Research Association, Ghaziabad |
|  | Smt Deepali Plawat | Ahmedabad Textile Industries Research Association, Ahmedabad |
|  | Shri Saurabh Kumar | Apparel Export Promotion Council, Gurugram |
|  | Shri Sanjay Dudeja | -do- |
|  | Shri R Mohan | CSIR - Central Leather Research Institute, Chennai |
|  | Shri Saroj Kumar Singh | H&M Hennes and Mauritz India Private Limited, Bengaluru |
|  | Shri Kailash Sankhla | Ministry of Communications, Department of Posts, New Delhi |
|  | Shri Vivek Agarwal | Northern India Textile Research Association, Ghaziabad |
|  | Dr Neha Kapil | -do- |
|  | Prof Monika Gupta | National Institute of Fashion Technology, Delhi |
|  | Shri B K Sahoo | Office of the Textile Commissioner, Mumbai |
|  | Dr. Karthikeyan K. | SGS India Private Limited, Mumbai |
|  | Shri Rajneesh Rai | Shahi Exports Private Limited, Faridabad |
|  | Shri Vinay Kumar Samania | Shriram Institute for Industrial Research, Delhi |
|  | Shri K. Veluchamy | Textiles Committee, Mumbai |
|  | Shri Vipul Kumar | ISPF |
|  | Shri Anil P | -do- |
|  | Shri Sundaresan Srinivasan | -do- |
|  | Shri Sandeep Kumar Singh | Northern Railways |
|  | Shri Rajesh Kumar | -do- |
|  | Shri Aditya Kalani (Invitee) | Reliance Industries Limited, Mumbai |
|  | Shri Shubham Singhal (Invitee) | Trident Group, Punjab |
|  | Shri Udit Raj (Invitee) | -do- |
|  | Shri Rohan Gade (Invitee) | -do- |
|  | Shri Kunjdand (Invitee) | -do- |

**BIS DIRECTORATE GENERAL:**

|  |  |  |
| --- | --- | --- |
| 26. | Shri Gourav Mishra | Scientist-B/Assistant Director (Textiles)  & Member Secretary TXD 20 |
| 27. | Ms. Shelly Sirohi | Executive Assistant (Textiles) |

**Item 0 WELCOME & INTRODUCTORY REMARKS**

* 1. Dr. Arindam Basu, Chairman TXD 20, welcomed all the members present in the meeting. He also encouraged members for actively participate in the committee work and requested for the precise inputs from the members on the agenda items.

**0.2** 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**

* 1. In view of no comments received, the committee confirmed the minutes of the 25th meeting of TXD 20 held on 19 April 2024 through videoconferencing, which were circulated vide letter No. TXD 20/A2.25 dated 02 May 2024.

**Item 2 SCOPE AND COMPOSITION OF TXD 20**

**2.1** The committee reviewed the present scope and composition of TXD 20 as given in **Annex 1** to the agenda and decided as below.

1. The committee decided to condone the termination of M/s Apparel Export Promotion Council, Gurugram
2. Shri Sanjay Dudeja will represent M/s Apparel Export Promotion Council, Gurugram as an alternate member.

**2.2 to 2.4** The committee considered the co-option request received from the following person/organizations:

1. M/s Northern Railway
2. M/s Indian Sleep Products Federation
3. Shahi Garg, Gujarat

After detailed deliberation, the committee decided to recommend the co-option of M/s Northern Railway and M/s Indian Sleep Products Federations to Textile Division Council. Also, the committee did not agree to the co-option request from Shahi Garg, Gujarat as the person does not have the expertise relevant to the scope of technical committee TXD 20.

**Item 3 ISSUES ARISING OUT OF THE PREVIOUS MEETING OF TXD 20**

**3.1** The committee noted the summary of actions taken on the various decisions of the 25th meeting as given in **Annex 2** of the agenda.

**Item 4 DRAFT STANDARD FOR FINALIZATION**

**4.1** The committee SCRUTNIZED the wide circulation draft on Textiles — Polyester Fibre Filled Pillows — Specification TXD 20 (25789) as given in **Annex 4** along with comments received on same given in **Annex 5** to the agendaandafter detailed deliberation the committee **DECIDED** that the above draft standard be held to have been **FINALIZED** for publication as Indian standard after incorporating the below changes along with editorial changes, if any:

**TXD 20 (25789) Textiles — Polyester Fibre Filled Pillows — Specification**

1. [Page 13 (of agenda), Clause 3] — Delete the clause.
2. [Page 15 (of agenda), Clause 7.1, Table 2, Col 7, Sl No iii)] — Substitute IS 15370/ISO 6330 Type A (6N), Tumble Dry *for* IS 15370/ISO 6330.
3. [Page 16 (of agenda), Clause 7.2, Table 3, Sl No (v)] — Delete the entry.
4. [Page 17 (of agenda), Clause 7.3, Table 4] — Replace the existing table for the following.



1. [Page 18 (of agenda), Clause 7.4, Table 5] — Replace the existing table for the following.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl No.** | **Pillow Size** | **Pillow Dimensions, cm** | | **Mass of Fill Fibers in g** | |
|  |  | Length | Width | 3 – 7 D | ≥ 15 D |
| (1) | (2) | (3) | (4) | (5) | (6) |
| i) | 1 | 60 | 40 | 500 | 450 |
| ii) | 2 | 55 | 40 | 450 | 420 |
| iii) | 3 | 66 | 51 | 720 | 640 |
| iv) | 4 | 76 | 51 | 830 | 730 |
| v) | 5 | 92 | 51 | 1000 | 910 |
| vi) | 6 | 50 | 36 | 400 | 350 |
|  |  |  |  |  |  |
| vi) | Tolerance | + 2 cm  - 0 cm | + 1 cm  - 0 cm | + 5 %  - 2 % | + 5 %  - 2 % |
| vii) | Method of Test, Ref to | Annex B | | | |
|  |  |  | | | |

NOTE **—** The others dimensions and filled mass shall be as agreed to between buyer and seller subjected to conforming in the compression set testing. The tolerance specified in table 5 shall be applicable on the declared dimensions and mass of fill fibres.

1. [Page 19 (of agenda), Clause 7.5.5] — Add new clause **7.6** after clause **7.5.5**.

The Pillow when washed as per the annex E shall not show any accumulation of fibres at one place , no seam opening, broken stitches.

NOTE: Any other washing and drying procedure shall be as agreed to between buyer and the seller.

1. [Page 26 (of agenda), Annex D] — Substitute initial distance between test plates *for* initial thickness.
2. [Page 27 (of agenda), Annex D] — Add new Annex E.

**ANNEX E**

**METHOD OF TEST FOR EVALUATION OF PILLOW AFTER WASHING**

**APPARATUS**

Wash tub of suitable capacity to keep pillow sample horizontally without folding.

**TEST SPECIMEN**

Pillow without outer protective cover constitutes as a test specimen.

**PROCEDURE**

If otherwise not specified in care instructions for pillow washing choose a washing temperature of 40°C ± 3°C. Add sufficient amount of water to completely dip the pillow at this temperature to the wash tub. Add any of the suitable standard reference detergent as specified in IS 15370: 2023 to wash tub. Agitate by hand to dissolve detergent. Add pillow specimen to water and gently squeeze to distribute detergent solution. Do not twist the pillow. Allow the pillow specimen to soak for 2 minutes. Gently squeeze pillow specimen in detergent solution for 1 minute. Then repeat 2-minute soak and 1 minute squeeze in detergent solution. After that remove pillow from wash tub and gently squeeze to remove excess detergent solution. Do not twist or wring.

Empty and rinse wash tub. Add sufficient clean water for rinse to wash tub, if otherwise not specified in care instruction for pillow select rinse temperature of less than 30°C to the wash tub Place pillow in rinse water and gently squeeze to distribute. Do not twist or wring. Allow the pillow specimen to soak for 2 minutes. Gently squeeze specimen in rinse water for 1 min. Do not twist or wring. Then repeat 2 minutes soak and 1 minute squeeze in rinse water. Remove pillow from wash tub and gently squeeze to remove excess water. Do not twist or wring. Proceed to appropriate drying procedure C as specified in IS 15370:2023.

**EVALUATION**

Place the test specimen flat on a clean surface and visually observe the surface for any broken stiches , holes , accumulation of fibres at one place. Rotate the test specimen to the other side and observe the same as specified above.

**Item 5 TRANSFER OF INDIAN STANDARD ON SCHOOL BAG**

**5.1** The committee considered the recommendation of Industrial Fabrics Sectional Committee, TXD 33 to transfer **IS 9481 : 1980** and **IS 9491 : 1980** to Made- Up Textiles (including ready-made garments) Sectional Committee, TXD 20.

After detailed deliberations, the committee agreed for transfer of below listed standards from TXD 33 to TXD 20.

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No.** | **IS No.** | **Title** | |
| i) | IS 9481 : 1980 |  | Specification for pillows, air |
| ii) | IS 9491 : 1980 |  | Specification for mattress, air |

**Item 6 REVIEW OF PUBLISHED STANDARDS**

**6.1** *(1)* The committee scrutinized the proposed revised draft prepared for **IS 13489:2000** as given in **Annex 6** to the agenda. After detailed deliberation, the committee decided to incorporate the below changes in the draft:

1. [Page 30 (of agenda), Clause 3] — Replace the existing clause with the following.

Bed mattress shall be of the following types :

Type 1 — Bed mattress made from rubberized coir sheet as cushioning/core material, mainly used by defence services, paramilitary organizations, police, railways, public works departments, etc.

Type 2 — Bed mattress made from rubberized coir, flexible polyurethane or latex foam sheet, Re-bounded foam, bonnel/pocket spring either singly or in combination as core/cushioning materials.

NOTE — Single Rubberized coir sheets shall be covered under Type I and Rubberized coir sheets when used in combination with other core/cushioning materials shall be covered in TYPE 2.

1. [Page 31 (of agenda), Clause 4, Table 1] — Replace the existing note with the following.

NOTE — Any other suitable fabric with different weave , fibre composition , fabric type , and GSM shall be as agreed to between buyer and seller.

1. [Page 31 (of agenda), Clause 4, Table 3 & 4] —Add method of test for measurement
2. Performance requirements for bed mattress and test methods in line with international standards like ISO 23769 for determination of durability of bed mattress shall be incorporated into the draft. The committee further assigned the responsibility to **M/s Indian Sleep Product Federation ISPF** to share the inputs for the same. The committee decided that inputs so received shall be suitably incorporated in the draft in consultation with Chairman, TXD 20.

The committee further decided that the draft standard shall be issued in wide circulation for a time period of two month after incorporating the above changes for eliciting technical comments from stakeholders. BIS may carry out the editorial changes in the draft, if required.

**6.1** *(2)* The Committee assigned responsibility to NITRA to provide inputs for **IS 14351 : 1996**. Committee further **DECIDED** that BIS shall prepare the revision draft of IS 14351 by incorporating technical inputs as received from NITRA and same shall be issued under wide circulation for the period of 60 day for eliciting the comments from stakeholders.

**6.1** (3) After detailed deliberations, committee decided to revise the standard by updating the cross-referred standards, marking , packing clauses along with below changes in IS 14354: 1996.

1. [Page 1, Clause 1] — Replace the existing for the following.

This standard specifies constructional and performance requirement for waterproof covers made from cotton fabric.

1. [Page 4, Annex B, *Clause* B-1] — Insert below foot note after the clause.

The count of the yarn is for guidance only.

1. [Page 5, Annex B, *Clause* B-3, *Sl No* (i)] — Ends and picks per dm shall be subjected to +5 percent and -2.5 percent tolerance.
2. [Page 5, Annex , *Clause* B-3, *Sl No* (ii)] — Mass shall be subjected to +5 percent and -2.5 percent tolerance.

Committee further **DECIDED** that BIS shall prepare the revision draft of the same and shall be issued under wide circulation for the period of 60 day for eliciting the comments from stakeholders.

**6.2** The committee considered the IS/ISO 8559-1 :2017 standard due for review. After detailed deliberations, the committee decided as mentioned in the following tables:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No.** | **IS No.** | **IS Title** | **Decision Taken** |
| 5 | IS/ISO 8559-1 :2017 | Textiles – Size Designation of clothes – Anthropometric definitions for body measurement | To Reaffirm the standard for 5 years since its due date. |

**6.3** The committee NOTED that IS 10228:1982 was decided to be revised in previous meeting of TXD 20 and was also due for review , The chairperson on the behalf of committee decided to reaffirm since its due date with revision.

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

**7.1** The Committee **DECIDED** to hold the next meeting of TXD 20 in consultation with the Chairperson after all the actions are completed. The date and place of the meeting would be finalized in consultation with the Chairperson, TXD 20, in due course.

**Item 8 ANY OTHER BUSINESS**

**8.1** The committee decided to nominate Prof Monika Gupta, NIFT Delhi as an Expert for the ISO ballots pertain to TXD 20 for the liaison ISO committee **ISO/TC 133** committee work.

**8.2** The committee decided to dissolve the panel constituted during the 23rd sectional committee meeting for preparation of preliminary draft on **‘kids wear safety’**.

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