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**BUREAU OF INDIAN STANDARDS  
(NEW DELHI)**

**Resolutions**

**Textile Materials Made from Polyolefins  
(Excluding Cordage) Sectional Committee, TXD 23**

**36<sup>th</sup> Meeting**

<b>Date/Day</b>	<b>Time</b>	<b>Venue</b>
30 September 2024 (Monday)	1100 h	Virtual mode (Through video conferencing)

**Chairperson:** Dr Tanweer Alam, IIP Delhi

**Member Secretary:** Shri Amit Kumar Pandey,  
Sc-B/AD, BIS

- Shri J. K. Gupta, Head (Textiles) welcomed the Chairperson, and all the committee members present in the meeting. He informed the committee members that this meeting is being held for resolving the comments raised by the stakeholders on the Indian Standards along with the deliberation on the action taken in the study of ash content in both cement and sugar sacks as per IS 11652 and IS 14968 respectively. He further requested the committee members to provide their inputs specific to the agenda items for resolving the issues in a time bound manner.
- Dr. Tanweer Alam, Chairperson TXD 23, also extended a hearty welcome to Head (Textiles) and all members of TXD 23 Sectional Committee. He appreciated the contribution of every committee member for making this committee a very vibrant and dynamic committee working in the interest of the nation with strict adherence to national policies such as EPR and PWM rules etc. In addition to this, he further requested the committee members to provide their inputs specific to the agenda items only.
- The Committee scrutinized the comments received from from Ms. Aparna Dutt Sharma representing Cement Manufacturers' Association, New Delhi and from Ms. Padmaja Reddy and Dr. Prakash Khemani representing IFTEX, New Delhi, as given in **Annex 1** to the agenda and decided to CONFIRM the minutes without any changes as all the matters were already well discussed in the concerned panel meetings.
- The committee examined the present composition and scope of TXD 23 as given in **Annex 2** to the agenda and decided that a revised nomination shall sought from CPMA, New Delhi; and GeM, New Delhi.

- The committee noted the summary of actions taken on the decisions of 33<sup>rd</sup> meetings as given in **Annex 3** to the agenda, and requested the IFTEX, New Delhi to coordinate with the Standardization Cell in IFTEX (Formerly known as AIFTMA) to provide the draft merged standard of IS 14887 and IS 16208 along with the draft revision of IS 12100 before the next committee meeting of TXD 23.
- The Committee scrutinized the draft amendment of IS 9755 : 2021 as given in **Annex 4** to the agenda, after detailed discussion and based on the inputs received from committee members, the committee decided to constitute a working group for further deliberations and preparation of a draft revision of IS 9755 after incorporation of TYPE III variety.
- The Committee scrutinized the comments received from Mr. Sachchidanand Tiwari representing V K Pack Well Pvt. Ltd., Kanpur and from Shri K.C. Patel representing M/s Texel Industries Ltd., Gujarat, on IS 7903 : 2017 Textiles - Tarpaulins made from high density polyethylene (HDPE) woven fabrics - Specification (*fifth revision*), as given in **Annex 5** to the agenda, after detailed discussion and based on the inputs received from committee members, the committee decided as follows:
  - i) Regarding the comments received from Mr. Sachchidanand Tiwari representing V K Pack Well Pvt. Ltd. for inclusion of the varieties of 80 GSM, 120 GSM and 160 GSM Tarpaulins, the committee decided that additional information on the applicability of Low GSM tarpaulins and feedback from the institutional buyers of low GSM tarpaulins shall be sought along with the third-party test report of above stated Low GSM tarpaulins and the same shall be placed in the next committee meetings for further deliberations.
  - ii) Regarding the comments received for reducing the mass of laminated fabric by 2 to 3%, after detailed deliberations, the committee unanimously did not agree with the comments as the provision for difference in the mass of laminated fabric and the total mass of tarpaulins has already been specified for each variety in IS 7903 : 2017.
  - iii) Regarding the comments received for replacing the Xenon arc method specified in IS 9755 for UV -resistance test from the more effective UVB fluorescent condensation test method, after detailed deliberations, the committee unanimously decided to prepare an amendment in IS 7903 : 2017 and finalize the same by waiving off the wide circulation as per subclause (4) of clause 22 of BIS Rules, 2018 due to urgent and non-controversial matter.
- The Committee scrutinized the comments received from Dr. Sandesh Kumar Jain representing CIPET, Bhopal on IS 18482 : 2023 Textiles - Sandwich extrusion laminated polypropylene PP woven sacks for packaging bulk commodities – Specification, as given in **Annex 6** to the agenda, after detailed deliberations, the committee decided to making an amendment and finalize the same by waiving off the wide circulation as per subclause (4) of clause 22 of BIS Rules, 2018 due to urgent and non-controversial matter.

- The Committee scrutinized the comments received IS 11652 : 2017 Textiles – HDPE/PP woven sacks for packaging of 50 kg cement, as given in **Annex 7** to the agenda, and after detailed deliberations, the committee decided as follows:
  - i) Regarding the comments received from Shri Tariq Sajjad, OIC Mechanical, representing from Eastern Regional Laboratory, BIS for the issue related to the depth of valve in non-gusseted cement sacks as per IS 11652 : 2017, after detailed deliberations, the committee decided that an amendment for the same shall be prepared by BIS in consultation with Dr. Prakash Khemani representing from IFTEX, New Delhi and the same shall be finalized by waiving off the wide circulation as per subclause (4) of clause 22 of BIS Rules, 2018 due to urgent and non-controversial matter and QCO has also been proposed on the same.
  - ii) Regarding the comments received from Shri Rajesh Jha from IFTEX, New Delhi, after detailed deliberations and based on the inputs received on the same during the meeting, the committee unanimously decided that additional data shall be sought from the user and manufacturer industries as the mass of ink varies based on the user artwork and quality of ink used for printing.
  - iii) Regarding the comments received from Shri K.C. Patel from Texel Industries Ltd., Gujarat for incorporating a suitable plastic liner either inside or outside to prevent the release of cement powder in the environment, after detailed deliberations, the committee unanimously didn't agreed with the comments.
  - iv) Regarding the comments received from IDMA laboratories Ltd, Panchkula related to the superseding of IS 11197 : 1985 by IS 6192 : 2023, after detailed deliberations, the committee decided that an amendment for the same shall be prepared by BIS and shall be finalized by waiving off the wide circulation as per subclause (4) of clause 22 of BIS Rules, 2018 due to urgent and non-controversial matter.
- The Committee scrutinized the comments received from Shri A.K. Basu representing Inspection Syndicate Pvt. Ltd., Kolkata on IS 9755 : 2021 Textiles – High Density Polyethylene/Polypropylene woven sacks for packaging fertilizers – Specification (*sixth revision*), as given in **Annex 8** to the agenda, and after detailed discussion, the committee decided that this issue will be taken by the working group finalized in **Agenda Item 4.1** to prepare the draft revision of IS 9755 for further discussion and deliberations.
- The committee scrutinized the comments received on “IS 16703 : 2017 Textiles – High Density Polyethylene/Polypropylene woven sacks for packaging of 25 kg polymeric materials – Specifications”, as given in **Annex 9** and **Annex 10** respectively, and after detailed deloberations, the committee decided as follows:
  - i) Regarding the comments received from Surat Branch Office, BIS and Shri Manoj Kumar Singh representing M/s Jai Corp. Ltd., Silvassa related to the ambiguity in interpretation of the requirement of width of sack as specified in Table 1 Sl. No. i) b) which is obtained after opening of gusset or with closed gusset, after detailed deliberations, the committee

decided that as the width of sack shall be measured with open gusset, however, the figure given in the standard is creating the ambiguity in understanding, therefore, BIS shall prepare an amendment for the same and shall be finalized by waiving off the wide circulation as per subclause (4) of clause 22 of BIS Rules, 2018 due to urgent and non-controversial matter.

- ii) Regarding the comments received from Shri N. Krishnamoorthy representing Chemplast Cuddalore Chemicals Ltd., Chennai and Shri K. Srinivasan representing Alkali Manufacturers Association of India, New Delhi related to the slipping of the bags due to 2.5 mm width of tape and unsuitability of the requirement of single fold and single row of chain stitch in bottom seam for packing of PVC resin due to its powder form, after detailed deliberations and based on the following inputs received during the meeting, the committee decided that the data for construction and specifications of packing of PVC Resin material shall be sought from the stakeholders. The Committee also constituted a working group for further discussion on the matter and preparation of a draft revision of IS 16703 which shall be wide circulated to elicit technical comments from other stakeholders.
- The committee scrutinized the comments received on IS 16709 : 2017 Textiles - Polypropylene (PP) woven, laminated, block bottom valve sacks for packaging of 50 kg cement – Specification, as given in **Annex 11** to the agenda, and after detailed deliberations, the committee decided as follows:
    - i) Regarding the comments received related to the review of the requirements of strength and elongation of PP block bottom cement sacks as per IS 16709 : 2017, after detailed deliberations, the committee decided that as the data received from different stakeholder, as given in **Annex 12** to the agenda, are contradictory, therefore, additional data shall be sought for the requirements of breaking strength and elongation in a defined range of air permeability and the same shall be placed in the next committee meeting for further deliberations.
    - ii) Regarding the comments received related to drop testing of PP block bottom cement sacks as per IS 16709 : 2017, the committee decided that data for the behaviour of drop test on 6 and 8 nos. of drops shall be sought from the stakeholder for further deliberations on this issue.
  - The Committee NOTED the proceedings of the panel meeting of TXD 23/P1 held on dated 08-07-2024 and 22-08-2024 as well as scrutinized the request received from CPMA, New Delhi and after detailed deliberations, the committee unanimously decided that the collection of data and conducting the study as per the revised ToR shall run parallelly to complete the study in a time bound manner.
  - The Committee NOTED the proceedings of the panel meeting of TXD 23/P2 held on dated 20-08-2024 and also scrutinized the response received from ISMA representatives along

with the inputs received on same from VCPL, Vadodara and CPMA, New Delhi, and after detailed deliberations, the committee unanimously decided that addition of heat dissipation in the study will be taken up in brief in the concerned panel (TXD 23/P2) meeting and also requested ISMA to provide the confirmation for bearing their contribution in the study as committed in the committee and the concerned panel meetings. In addition to this, the committee also requested ISMA to provide the SOP and test method for conducting the study of heat dissipation.

- The committee decided to approve the mid-term progress report of the R&D project and also instructed to submit the Fund Utilization Certificate to BIS, so, that the same shall be circulated to all the committee members for 3 days to receive their approval on the same. The Committee further decided to extend the time period by two months for completion of R&D project considering the constraint being faced in completing the project.
- The Committee scrutinized the review proforma of IS 17399 : 2020, as given in Annex 20 to the agenda, and after detailed deliberations, the committee decided to reaffirmed this Indian Standard for a further period of five years.
- There being no other business, the meeting ended with a hearty vote of thanks to the *Chair* and all the members.