

For BIS Use Only

**BUREAU OF INDIAN STANDARDS**

**MINUTES**

**Cordage Sectional Committee, TXD 09**

**25<sup>th</sup> Meeting**

<b>Date</b>	<b>Time</b>	<b>Venue</b>
22 September 2023 (Friday)	1100 h	CISCO Webex Video Conferencing

**ATTENDEES:**

<b>1.</b>	<b>Prof. (Dr) R. Chattopadhyay (Chairperson)</b>	<b>Indian Institute of Technology (IIT), New Delhi</b>
<b>2.</b>	Shri Arun Shaini	Azuka Synthetics LLP, Panchkula
<b>3.</b>	Shri Pankaj Pal	-do-
<b>4.</b>	Dr Shanmugasundaram O. L.	Central Coir Research Institute (CCRI), Kochi
<b>5.</b>	Smt Sumi Sebastian	-do-
<b>6.</b>	Shri Siddharth Jhawar	Chhotanagpur Rope Works Private Limited, Ranchi
<b>7.</b>	Cmdt Rajneesh	Coast Guard Headquarters, New Delhi
<b>8.</b>	Shri G. H. Bhunia	Crown Industries, Kolkata
<b>9.</b>	Shri Anand Majaria	Delta Ropes Manufacturing Co. Ltd, Kolkata
<b>10.</b>	Shri Aayush Majaria	-do-
<b>11.</b>	Shri Kishor J. Darda	Garware Technical Fibres Ltd, Pune
<b>12.</b>	Shri Satish J. Chitnis	-do-
<b>13.</b>	Dr Surajit Sengupta	ICAR - National Institute of Natural Fibre Engineering and Technology (NINFET), Kolkata
<b>14.</b>	Dr Kartick Samanta	-do-
<b>15.</b>	Ms. Soumiata Chowdhury	Indian Jute Industries Research Association (IJIRA), Kolkata
<b>16.</b>	Shri N. K. Somani	Jayshree Fibre Products Limited, Kolkata
<b>17.</b>	Shri Manoj Biyani	-do-
<b>18.</b>	Shri Vinay Chandak	Kohinoor Ropes Pvt. Ltd., Mumbai
<b>19.</b>	Shri Soumyadipta Datta	Office of the Jute Commissioner, Kolkata
<b>20.</b>	Shri N. K. Singh	Office of the Textile Commissioner, Mumbai
<b>21.</b>	Shri Nayan Jyoti Goswami	Oil India Limited (OIL), Assam
<b>22.</b>	Shri Ratnesh Dewan	Protherm Engineering Pvt. Ltd., Faridabad
<b>23.</b>	Shri Sanjeev Kumar Sharma	-do-

24.	Shri Hemal M. Thanawala	Thanawala and Company, Mumbai
25.	Shri M. N. Modi	Tufropes Private Limited, Silvassa

**BIS DIRECTORATE GENERAL:**

26.	Shri J. K. Gupta	Scientist-E & Head Textiles
27.	Shri Ashwani Kumar	Scientist-B & Member Secretary

**INVITEES:**

28.	Shri P. D. Mantrani	Oil and Natural Gas Commission (ONGC), Kolkata
29.	Shri Tapas Kumar Dey	-do-
30.	Shri Vishal Prajapati	Shree Ganesh Elastomers, Ahmedabad

**Item 0 WELCOME & INTRODUCTORY REMARKS**

Shri Ashwani Kumar, Member Secretary of TXD 09 welcomed the Chairperson and Committee members in the 25<sup>th</sup> meeting of Cordage Sectional Committee, TXD 09.

Shri J. K. Gupta, Head TXD welcomed the chairperson and committee members in 25<sup>th</sup> meeting of TXD 09. He informed the committee about ‘Instructions for the effective implementation of the process reforms aimed at strengthening the standardization ecosystem in the Country’. He further requested that committee members provide their declaration form duly filled with signed at the earliest. He also requested that all committee members kindly make the meeting convenient to attend whenever called for a meeting and give your valuable inputs and suggestions on drafts, published Indian Standards etc.

Prof. (Dr.) R Chattopadhyay, Chairperson TXD 09, welcomed all the members present in the meeting. He also requested the members to actively participate in the meeting and provide inputs on the agenda items.

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

**1.1** In view of no comments received, the Committee CONFIRMED the minutes of the 24<sup>th</sup> meeting of TXD 09 held on 23 May 2023 through video conferencing which was circulated vide BIS DG letter no. TXD 09/A 2.24 dated 08 June 2023.

**Item 2 SCOPE AND COMPOSITION OF TXD 09**

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

- a) In view of no participation and not being more relevant to the committee, Reliance Industries Limited, Mumbai shall be removed from the composition.
- b) As the Indian Rope Manufacturers Association, Kolkata have only three natural fibre rope manufacturers and all three are already members of the committee, the same shall not be part of the committee.
- c) The committee also requested Shri Anand Majaria and Shri Vinay Chanda to provide the contact details of Interested persons in Shipping Corporation of India Limited, Mumbai; Indian Navy Procurement persons or other user personnel government departments for co-opting in the committee.

### **Item 3 ISSUES ARISING OUT OF PREVIOUS MEETINGS OF TXD 09**

**3.1** The Committee NOTED the summary of actions taken on the various decisions of the last meetings of TXD 09 as given in **Annex 2** to the agenda.

### **Item 4 DRAFT STANDARDS FOR FINALIZATION**

**4.1** The committee scrutinized the following drafts as given in **Annex 3** to the agenda:

- i) *First revision* of **IS 11927**, Textiles — Netting and Fibre Rope for Load Restraint Systems in Surface Transport — Specification [Doc: TXD/09/20259]
- ii) *Third revision* of **IS 1321 (Part 2)**, Textiles — Sisal Ropes — Specification Part 2 Tarred varieties [Doc: TXD/09/22565]
- iii) *Third revision* of **IS 2819**, Textiles — Braided Cotton Cord — Specification [Doc: TXD/09/22566]
- iv) *Third revision* of **IS 4575**, Textiles — Code for Handling of Fibre Ropes [Doc: TXD/09/22567]
- v) *Second revision* of **IS 9536**, Textiles — Polyamide Cord — Specification [Doc: TXD/09/22568]
- vi) *First revision* of **IS 11199**, Textiles — HDPE Monofilament Twine Door Nets — Specification [Doc: TXD/09/22581]
- vii) *Second revision* of **IS 13959**, Textiles — Polypropylene Sutli — Specification [Doc: TXD/09/22582]

**4.1.1** After detailed deliberations, the committee decided to finalize the above drafts for publication after incorporating the following changes. BIS may carry out the necessary editorial changes in the finalized draft if required:

- a) **Draft Standard at Sl No. ii (Doc: TXD/09/22565, Third revision of IS 1321 (Part 2))**

*[Clause 9.5, c)]* — Substitute the following for the existing:

*'c) Individual values of the test results of the lot in respect of other characteristics conform to the specified requirements.*

## **Item 5 NEW SUBJECT 'TEXTILES — HELIDECK NET MADE FROM SISAL AND MANILA FIBRE — SPECIFICATION'**

**5.1** The committee scrutinized the working draft of the new subject on '**Textiles — Helideck Net Made from Sisal and Manila Fibre — Specification**' as given in Annex 4 to the agenda.

**5.1.1** The committee decided that the comments shall be sought from the following panel within three months and incorporated accordingly. The same shall be issued under wide circulation for a period of 2 months to elicit technical comments:

- i) Shri N. K. Somani, Jayshree Fibre Products Ltd., Kolkata (*Convener*)
- ii) Shri Anand Majaria, Delta Ropes Manufacturers Co. Ltd, Kolkata
- iii) Shri Ajay Kumar Kapshe, ONGC, Mumbai
- iv) Other users/manufacturers of the helideck net

**5.2** The committee scrutinized the proformas (Annex K) for proposing the following new subjects as given in Annex 5 (a) and (b) to the agenda, respectively:

- a) Coir Fenders**
- b) Line Coir**

**5.2.1** The committee decided that the working drafts of both the new subjects shall be provided by Shri Anand Majaria in consultation with the Indian Navy. The same shall be placed in the next sectional committee meeting.

**5.3** The committee deliberated a New Subject '**Recovery straps for motor vehicles**' proposed by Central Marks Department (CMD), BIS.

**5.3.1** The committee decided not to formulate the standard on this subject, as there is no demand from users in India and no industries are manufacturing it.

## **Item 6 COMMENTS ON PUBLISHED INDIAN STANDARDS**

**6.1** The Committee scrutinized the comment on IS 1084:2005 received from Shri Tapas Kumar Dey, ONGC Kolkata as given in Annex 6 (a) and from Shri Vishal Prajapati, M/s Shree Ganesh Elastomers, Ahmedabad as given in Annex 6 (b) to the agenda.

**6.1.1** After detailed deliberation, the committee consensually decided to amend the following in ‘IS 1084:2005 Textiles — Manila Ropes — Specification (*fifth revision*)’ and other similar Indian Standards also;

*[Page 3, clause 13.5, c)] — Substitute the following for the existing:*

*‘c) Individual values of the test results of the lot in respect of other characteristics conform to the specified requirements.*

The Committee also DECIDED to waive off the wide circulation of the above amendments as per provisions laid down under Rule 22 (4) of BIS Rules 2018 notified vide GSR 584(E) dated 25 June 2018, as the matter is urgent and non-controversial.

**6.2** The Committee scrutinized the comment on ‘IS 5176:2023 Textiles – Hawser laid hemp rope – Specification (*second revision*)’ received from Shri Anand Majaria as given in agenda item.

**6.2.1** After detailed deliberation, the committee decided to amend the following in IS 5176:2023;

*(Foreword, Second Para) — Delete*

*[(Page 3, Clause 8.3, c)] — Substitute the following for the existing:*

*‘c) Individual values of the test results of the lot in respect of other characteristics conform to the specified requirements.*

The committee decided that a draft amendment for the same shall be issued under wide circulation for a period of 2 months to elicit technical comments from the stakeholders.

## **Item 7 INTERNATIONAL ACTIVITY**

**7.1** The committee scrutinized the Program of Work of TXD 09 vis-a-vis ISO standards.

**7.1.1** After detailed deliberations, the committee decided to adopt ‘**ISO 10325:2018**, Fibre ropes — High modulus polyethylene — 8-strand braided ropes, 12-strand braided ropes and covered ropes’ under dual numbering.

The committee further decided that a draft Indian Standard based on the above ISO standard shall be prepared by BIS and the same shall be issued under wide circulation for eliciting technical comments for a period of 2 months.

## **Item 8 REVIEW OF PUBLISHED STANDARDS**

**8.1** The committee scrutinized the proforma as given in Annex 8 to the agenda of the following Indian standards under the domain of TXD 09:

<b>Sl No.</b>	<b>IS No.</b>	<b>Action</b>
(1)	(2)	(3)
1.	<b>IS 1410 : 2019</b> , Textiles — Coir ropes — Specification ( <i>fourth revision</i> )	Reaffirm with amendment
2.	<b>IS 16338 : 2019</b> , Fibre ropes — Coir twine for trailing hop vines — Specification ( <i>first revision</i> )	Reaffirm
3.	<b>IS/ISO 9554 : 2019</b> , Fibre ropes — General specifications ( <i>first revision</i> )	Reaffirm

**8.1.1** The committee also scrutinized the comment on IS 1410:2019 (Sl no. 1 of the above table) received from Smt Sumi Sebastian, CCRI as placed during the meeting and agreed with her suggestion. Draft amendment for the same shall be wide-circulated for 2 months to elicit technical comments.

The committee decided the actions as given in Col 3 on the standards due for review as tabulated above for a further period of 5 years.

#### **Item 9 DATE AND PLACE OF NEXT MEETING**

The Committee DECIDED to hold the next meeting after all the actions arising out of this meeting are completed. The date and place of the meeting either virtual or hybrid would be finalized in consultation with the Chairman, TXD 09, in due course.

#### **Item 10 ANY OTHER BUSINESS**

**12.1** The committee raised the issue of minimum safety factor as specified in clause **4.7** of **IS 15041:2001** ‘Textiles – Flat woven webbing slings made of man-made fibres for general services’. The committee observed that the minimum safety factor shall be reviewed and amended accordingly. Hence the committee decided that an amendment shall be prepared by BIS in consultation with Shri Satish J. Chitnis, Shri Ratnesh Dewan and other webbing sling manufacturers. Accordingly, the draft amendment so prepared shall be circulated for 2 months to elicit technical comment.

**12.2** In his concluding statement, the chairperson expressed his appreciation for the discussions and deliberations during the meeting. He encouraged members to review the draft or published standards time to time and to extend their support to BIS in its efforts for improving the Nation.

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