

BUREAU OF INDIAN STANDARDS

Program of Work

TXD 9 : Cordage

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).

Liaison: **ISO TC-38 SC-23 (P): Fibres and Yarns** **ISO TC-38 (P): Textiles**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 1084 : 2005 Reviewed In : 2021 ISO 1181:1990	Textiles – Manila ropes – Specification (fifth revision)	March, 2021	3	Modified/Technically Equivalent
2	IS 11058 : 1984 Reviewed In : 2022 ISO 5080:1994	Specification for sisal agricultural twines	February, 2022	-	Not Equivalent
3	IS 11066 : 2022 ISO 1141:2021 ISO 1141:2021	Fibre ropes - Polyester - 3-, 4-, 8- and 12- strand ropes (third revision)		-	Identical under dual numbering
4	IS 11199 : 2024	Textiles - High density polyethylene HDPE monofilament twine door nets - Specification First Revision		-	Indigenous
5	IS 11521 : 1985 Reviewed In : 2022	Specification for cargo handling nets	February, 2022	-	Indigenous
6	IS 11927 : 2024	Textiles Netting and fibre rope for load restraint systems in surface transport Specification		-	Indigenous
7	IS 11928 : 2023	Textiles - Roundslings made of man-made fibres for general service - Specification (second revision)		-	Indigenous
8	IS 11928 (Part 12) : 1987 Reviewed In : 2022	Specification for roundslings made of man-made fibres for general service	August, 2022	-	Indigenous
9	IS 12733 : 2022 ISO 10554 : 2009 ISO 10554 : 2009	Polyamide fibre ropes - Double braid construction (first revision)		-	Identical under dual numbering
10	IS 12734 : 2002 Reviewed In : 2022	Textiles – Polypropylene twine – Specification (first revision)	February, 2022	1	Indigenous
11	IS 1321 (Part 1) : 2003 Reviewed In : 2020 ISO 1181:1990	Sisal ropes - Specification part 1 untarred varieties (fourth revision)	May, 2020	3	Modified/Technically Equivalent
12	IS 1321 (Part 2) : 2024	Textiles - Sisal ropes - Specification Part 2 Tarred Varieties Third Revision		-	Indigenous

13	IS 13959 : 2024	Textiles - Polypropylene Sutli - Specification First Revision		-	Indigenous
14	IS 1410 : 2019 Reviewed In : 2024	Textiles – Coir ropes – Specification (fourth revision)	March, 2024	-	Indigenous
15	IS 14928 : 2001 Reviewed In : 2022	Textiles - Composite synthetic fibre ropes - Specification	February, 2022	1	Indigenous
16	IS 14929 : 2022 ISO 10572 : 2009 ISO 10572 : 2009	Mixed polyolefin fibre ropes (first revision)		1	Identical under dual numbering
17	IS 15041 : 2001 Reviewed In : 2024	Textiles – Flat woven webbing slings made of man-made fibres for general services	May, 2024	1	Indigenous
18	IS 16338 : 2019 Reviewed In : 2024	Fibre ropes – Coir twine for trailing hop vines – Specification (first revision)	March, 2024	-	Indigenous
19	IS 17607 : 2021 ISO 4167:2006 ISO 4167:2006	Polyolefin agricultural twines	-	-	Identical under dual numbering
20	IS 17608 : 2021 ISO 10547:2009 ISO 10547:2009	Polyester fibre ropes - Double braid construction		-	Identical under dual numbering
21	IS 17609 : 2021 ISO 10556:2009 ISO 10556:2009	Fibre ropes of polyester / Polyolefin dual fibres		-	Identical under dual numbering
22	IS 17929 (Part 1) : 2022 ISO 18692-1 : 2018 ISO 18692-1 : 2018	Fibre ropes for offshore station keeping Part 1: General specification		-	Identical under dual numbering
23	IS 17929 (Part 2) : 2022 ISO 18692-2 : 2019 ISO 18692-2 : 2019	Fibre ropes for offshore station keeping part 2: Polyester		-	Identical under dual numbering
24	IS 17929 (Part 3) : 2022 ISO 18692-3 : 2020 ISO 18692-3 : 2020	Fibre ropes for offshore station keeping part 3: High modulus polyethylene HMPE		-	Identical under dual numbering
25	IS 1804 : 2004 Reviewed In : 2024	Steel wire ropes – Fibre main cores – Specification (fourth revision)	May, 2024	2	Indigenous
26	IS 18118 : 2023	Textiles - Flat woven webbing slings made from blend of polyester multifilament and high strength mixed polyolefin tapes - Specification		-	Indigenous
27	IS 1857 : 2021	Fibre Ropes - Tarred hemp/jute marline, two-ply - Specification (second revision)		-	Indigenous
28	IS 1887 : 1985 Reviewed In : 2022	Specification for spun jute yarn (second revision)	February, 2022	-	Indigenous
29	IS 1912 : 2023	Textiles Country jute twine - Specification (third revision)		-	Indigenous
30	IS 1920 : 2023	Textiles - Hemp lines - Specification (third revision)		-	Indigenous
31	IS 2452 : 1985 Reviewed In : 2022	Specification for hawser-laid cotton rope (second revision)	February, 2022	-	Indigenous
32	IS 2453 : 1989 Reviewed In : 2022	Cable-laid cotton rope – Specification (second revision)	February, 2022	-	Indigenous
33	IS 2807 : 1981 Reviewed In : 2022	Specification for whipcords (first revision)	February, 2022	-	Indigenous

34	IS 2819 : 2024	Textiles - Braided Cotton Cord - Specification Third Revision		-	Indigenous
35	IS 3252 : 2023	Textiles - Shroud-laid cotton line - Specification		-	Indigenous
36	IS 3256 : 1980 Reviewed In : 2021	Code for inland packaging of ropes and cordages (first revision)	March, 2021	-	Indigenous
37	IS 3262 : 2023	Textiles - Pilot lead line - Specification		-	Indigenous
38	IS 3871 : 2013 ISO 1968 : 2004 Reviewed In : 2022 ISO 1968:2004	Fibre ropes and cordage – Vocabulary (third revision)	August, 2022	-	Identical under dual numbering
39	IS 4145 : 2023	Textiles - Storage of ropes - Code of practice (second revision)		-	Indigenous
40	IS 4572 : 2022 ISO 1140:2021 ISO 1140:2021	Fibre ropes - Polyamide 3-, 4-, 8- and 12- strand ropes (fifth revision)		-	Identical under dual numbering
41	IS 4575 : 2024	Textiles - Code for handling of fibre ropes Third Revision		-	Indigenous
42	IS 5175 : 2022 ISO 1346:2021 ISO 1346:2021	Fibre ropes - Polypropylene split film monofilament and multifilament (PP2) and polypropylene high tenacity multifilament (PP3) 3-, 4-, 8- and 12- strand ropes (fourth revision)	-	-	Identical under dual numbering
43	IS 5176 : 2023	Textiles - Hawser laid hemp rope - Specification		-	Indigenous
44	IS 5177 : 1985 Reviewed In : 2022	Specification for jute lines and ropes (first revision)	February, 2022	-	Indigenous
45	IS 6587 : 2023	Textiles - Spun hemp yarn - Specification (second revision)		-	Indigenous
46	IS 7082 : 2021	Fibre Ropes - Sisal lines - Specification (first revision)		-	Indigenous
47	IS 8674 : 2013 ISO 1969 Reviewed In : 2022 ISO 1969:2004	Fibre ropes – Polyethylene – 3- and 4 -strand ropes (third revision)	August, 2022	2	Identical under dual numbering
48	IS 9536 : 1989 Reviewed In : 2021	Polyamide cord – Specification (first revision)	March, 2021	1	Indigenous
49	IS 9536 : 2024	Textiles “ Polyamide Cord ” Specification (Second Revision)		-	Indigenous
50	IS/ISO 9554 : 2019 ISO 9554:2019 Reviewed In : 2024 ISO 9554:2019	Fibre ropes - General specifications (first revision)	March, 2024	-	Identical under single numbering
51	IS 9560 : 2023	Textiles - Colour code for identification of ropes and cordage (first revision)		-	Indigenous
52	IS 9936 : 2023	Textiles - Manila nylon polyester and polypropylene ropes for marine purpose - Guide on equivalence (second revision)		-	Indigenous
53	IS 9944 : 2023	Textiles - Natural and man - made fibre rope slings - Recommendations for safe working loads (second revision)		-	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	TXD 9 (26192)	Textiles Helideck Net Made from Sisal or Manila Fibres Specification

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	TXD 9 (25724)	TEXTILES FIBRE ROPES FOR OFFSHORE STATIONKEEPING PART 4 POLYARYLATE
2	TXD 9 (25725)	TEXTILES FIBRE ROPES FOR OFFSHORE STATIONKEEPING PART 5 ARAMID

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	TXD 9 (24437)	Fibre Ropes High Modulus Polyethylene 8-Strand Braided Ropes 12-Strand Braided Ropes and Covered Ropes
2	TXD 9 (25058)	Mixed polyolefin fibre ropes first revision Amendment - 2
3	TXD 9 (25763)	Textiles - Hawser laid hemp rope - Specification Amendment - 1

Total Published Standards:52 Total Standards Under development:6

Aspect Wise Report

Product : 45
Code of Practices : 6
Methods of Test : 0
Terminology : 1
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 1085 : 1961	Shroud laid manila rope
2	IS 1086 : 1961	Cable laid manila rope

3	IS 1371 : 1958	Shroud Laid Sisal Rope
4	IS 1372 : 1958	Cable Laid Sisal Rope
5	IS 1411 : 1959	Shroud Laid Coir Rope
6	IS 1412 : 1959	Cable - Laid Coir Rope
7	IS 3253 : 1965	Hawser laid nylon rope for mountaineering purposes

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 1084 : 2005 Reviewed In : 2021 ISO 1181:1990	Textiles Manila ropes Specification fifth revision
2	IS 11058 : 1984 Reviewed In : 2022 ISO 5080:1994	Specification for sisal agricultural twines
3	IS 11066 : 2022 ISO 1141:2021 ISO 9587 : 2007	Fibre ropes - Polyester - 3- 4- 8- and 12- strand ropes third revision
4	IS 11199 : 2024	Textiles - High density polyethylene HDPE monofilament twine door nets - Specification First Revision
5	IS 11521 : 1985 Reviewed In : 2022	Specification for cargo handling nets
6	IS 11927 : 2024	Textiles Netting and fibre rope for load restraint systems in surface transport Specification
7	IS 11928 : 2023	Textiles - Roundslings made of man-made fibres for general service - Specification second revision
8	IS 11928 (Part 12) : 1987 Reviewed In : 2022	Specification for roundslings made of man-made fibres for general service
9	IS 12733 : 2022 ISO 10554 : 2009 ISO 10750:2015	Polyamide fibre ropes - Double braid construction first revision
10	IS 12734 : 2002 Reviewed In : 2022	Textiles Polypropylene twine Specification first revision
11	IS 1321 (Part 1) : 2003 Reviewed In : 2020 ISO 1181:1990	Sisal ropes - Specification part 1 untarred varieties fourth revision
12	IS 1321 (Part 2) : 2024	Textiles - Sisal ropes - Specification Part 2 Tarred Varieties Third Revision
13	IS 13959 : 2024	Textiles - Polypropylene Sutli - Specification First Revision
14	IS 1410 : 2019 Reviewed In : 2024	Textiles Coir ropes Specification fourth revision
15	IS 14928 : 2001 Reviewed In : 2022	Textiles - Composite synthetic fibre ropes - Specification
16	IS 14929 : 2022 ISO 10572 : 2009	Mixed polyolefin fibre ropes first revision
17	IS 15041 : 2001 Reviewed In : 2024	Textiles Flat woven webbing slings made of man-made fibres for general services
18	IS 16338 : 2019 Reviewed In : 2024	Fibre ropes Coir twine for trailing hop vines Specification first revision
19	IS 17607 : 2021	Polyolefin agricultural twines

	ISO 4167:2006 CISPR 16-1-6: 2014	
20	IS 17608 : 2021 ISO 10547:2009 ISO 10318-2:2015	Polyester fibre ropes - Double braid construction
21	IS 17609 : 2021 ISO 10556:2009 ISO/IEC 19770-2 : 2015	Fibre ropes of polyester Polyolefin dual fibres
22	IS 17929 (Part 1) : 2022 ISO 18692-1 : 2018 IEC 60519-8:2020	Fibre ropes for offshore station keeping Part 1 General specification
23	IS 17929 (Part 2) : 2022 ISO 18692-2 : 2019 IEC 61400-21-1:2019	Fibre ropes for offshore station keeping part 2 Polyester
24	IS 17929 (Part 3) : 2022 ISO 18692-3 : 2020 ISO 15883-5:2021	Fibre ropes for offshore station keeping part 3 High modulus polyethylene HMPE
25	IS 1804 : 2004 Reviewed In : 2024	Steel wire ropes Fibre main cores Specification fourth revision
26	IS 18118 : 2023	Textiles - Flat woven webbing slings made from blend of polyester multifilament and high strength mixed polyolefin tapes - Specification
27	IS 1857 : 2021 ISO TS 19293:2018	Fibre Ropes - Tarred hemp jute marline two-ply - Specification second revision
28	IS 1887 : 1985 Reviewed In : 2022	Specification for spun jute yarn second revision
29	IS 1912 : 2023	Textiles Country jute twine - Specification third revision
30	IS 1920 : 2023	Textiles - Hemp lines - Specification third revision
31	IS 2452 : 1985 Reviewed In : 2022	Specification for hawser-laid cotton rope second revision
32	IS 2453 : 1989 Reviewed In : 2022	Cable-laid cotton rope Specification second revision
33	IS 2807 : 1981 Reviewed In : 2022	Specification for whipcords first revision
34	IS 2819 : 2024	Textiles - Braided Cotton Cord - Specification Third Revision
35	IS 3252 : 2023	Textiles - Shroud-laid cotton line - Specification
36	IS 3262 : 2023	Textiles - Pilot lead line - Specification
37	IS 4572 : 2022 ISO 1140:2021 ISO/TR 20416: 2020	Fibre ropes - Polyamide 3- 4- 8- and 12- strand ropes fifth revision
38	IS 5175 : 2022 ISO 1346:2021 ISO 9588 : 2007	Fibre ropes - Polypropylene split film monofilament and multifilament PP2 and polypropylene high tenacity multifilament PP3 3- 4- 8- and 12- strand ropes fourth revision
39	IS 5176 : 2023	Textiles - Hawser laid hemp rope - Specification
40	IS 5177 : 1985 Reviewed In : 2022	Specification for jute lines and ropes first revision
41	IS 6587 : 2023	Textiles - Spun hemp yarn - Specification second revision
42	IS 7082 : 2021 ISO 10399 : 2017	Fibre Ropes - Sisal lines - Specification first revision
43	IS 8674 : 2013 ISO 1969 Reviewed In : 2022 ISO 1969:2004	Fibre ropes Polyethylene 3- and 4 -strand ropes third revision

44	IS 9536 : 2024	Textiles Polyamide Cord Specification Second Revision
45	IS/ISO 9554 : 2019 ISO 9554:2019 Reviewed In : 2024 ISO 29993:2017	Fibre ropes - General specifications first revision