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	Textiles – Manila ropes –	March, 2021	3	Modified/Technically
	Reviewed In: 2021	Specification (fifth revision)			Equivalent
	ISO 1181:1990				
2	IS 11058 : 1984	Specification for sisal agricultural	February, 2022	-	Not Equivalent
	Reviewed In: 2022	twines			
	ISO 5080:1994				
3	IS 11066 : 2022	Fibre ropes - Polyester - 3-, 4-, 8-		-	Identical under dual
	ISO 1141:2021	and 12- strand ropes (third			numbering
	ISO 1141:2021	revision)			
4	IS 11199 : 2024	Textiles - High density		-	Indigenous
		polyethylene HDPE monofilament			
		twine door nets - Specification			
		First Revision			
5	IS 11521 : 1985	Specification for cargo handling	February, 2022	-	Indigenous
	Reviewed In: 2022	nets			
6	IS 11927 : 2024	Textiles Netting and fibre rope for		-	Indigenous
		load restraint systems in surface			
		transport Specification			
7	IS 11928 : 2023	Textiles - Roundslings made of		-	Indigenous
		man-made fibres for general			
		service - Specification (second			
		revision)			
8		Specification for roundslings made	August, 2022	-	Indigenous
	1987	of man-made fibres for general			
	Reviewed In: 2022	service		-	*
9	IS 12733 : 2022	Polyamide fibre ropes - Double		-	Identical under dual
	ISO 10554 : 2009	braid construction (first revision)			numbering
10	ISO 10554 : 2009	Tautiles Delamas and as took	Eshmar: 2002	1	To dia
10	IS 12734 : 2002	Textiles – Polypropylene twine – Specification (first revision)	February, 2022	1	Indigenous
11	Reviewed In : 2022 IS 1321 (Part 1) :	Sisal ropes - Specification part 1	May, 2020	3	Modified/Technically
11	2003	untarred varieties (fourth revision)	May, 2020	3	Equivalent
	2003 Reviewed In : 2020	untaried varieties (rourdi revision)			Equivalent
	ISO 1181:1990				
12	IS 1321 (Part 2):	Textiles - Sisal ropes -		+	Indigenous
12	2024	Specification Part 2 Tarred		-	margenous
	2024	Varieties Third Revision			
		varieties Tilliu Kevisioli		+	

13	IS 13959 : 2024	Textiles - Polypropylene Sutli - Specification First Revision		-	Indigenous
14	IS 1410 : 2019	Textiles – Coir ropes – Specification (fourth revision)	March, 2024	-	Indigenous
<u> </u>	Reviewed In: 2024		T.1. 2022	1	
15	IS 14928 : 2001	Textiles - Composite synthetic	February, 2022	1	Indigenous
	Reviewed In: 2022	fibre ropes - Specification			
16	IS 14929 : 2022	Mixed polyolefin fibre ropes (first		1	Identical under dual
	ISO 10572 : 2009	revision)			numbering
	ISO 10572 : 2009				
17	IS 15041 : 2001	Textiles – Flat woven webbing	May, 2024	1	Indigenous
	Reviewed In: 2024	slings made of man-made fibres	3 /		
		for general services			
18	IS 16338 : 2019	Fibre ropes – Coir twine for	March, 2024	_	Indigenous
10	13 10336 . 2019	-	March, 2024		margenous
	D : 11 0004	trailing hop vines – Specification			
	Reviewed In: 2024	(first revision)			
19	IS 17607 : 2021	Polyolefin agricultural twines	-	-	Identical under dual
	ISO 4167:2006				numbering
	ISO 4167:2006				
20	IS 17608 : 2021	Polyester fibre ropes - Double		-	Identical under dual
	ISO 10547:2009	braid construction			numbering
	ISO 10547:2009				
21	IS 17609 : 2021	Fibre ropes of polyester /			Identical under dual
21				_	
	ISO 10556:2009	Polyolefin dual fibres			numbering
	ISO 10556:2009				
22	IS 17929 (Part 1):	Fibre ropes for offshore station		-	Identical under dual
	2022	keeping Part 1: General			numbering
	ISO 18692-1 : 2018	specification			
	ISO 18692-1:2018				
23	IS 17929 (Part 2):	Fibre ropes for offshore station		-	Identical under dual
	2022	keeping part 2: Polyester			numbering
	ISO 18692-2 : 2019				
	ISO 18692-2 : 2019				
24	IS 17929 (Part 3):	Fibre ropes for offshore station		_	Identical under dual
	2022	keeping part 3: High modulus			numbering
		1 0 1			numbering
	ISO 18692-3 : 2020	- · ·			
	ISO 18692-3 : 2020				
25		Steel wire ropes – Fibre main cores	May, 2024	2	Indigenous
	Reviewed In: 2024	Specification (fourth revision)			
26	IS 18118 : 2023	Textiles - Flat woven webbing		-	Indigenous
		slings made from blend of			
		polyester multifilament and high			
		strength mixed polyolefin tapes -			
		Specification			
27	IS 1857 : 2021	Fibre Ropes - Tarred hemp/jute		_	Indigenous
-	10 1007 , 2021	marline, two-ply - Specification			marganous
20	IC 1007 1007	(second revision)	T-1- 2000	+	T. 12
28	IS 1887 : 1985	Specification for spun jute yarn	February, 2022	-	Indigenous
<u> </u>	Reviewed In: 2022	(second revision)			
29	IS 1912 : 2023	Textiles Country jute twine -		-	Indigenous
		Specification (third revision)			
30	IS 1920 : 2023	Textiles - Hemp lines -		-	Indigenous
		Specification (third revision)			
31	IS 2452 : 1985	Specification for hawser-laid	February, 2022	-	Indigenous
	Reviewed In: 2022	cotton rope (second revision)	 		
	IS 2453 : 1989	Cable-laid cotton rope –	February, 2022	 -	Indigenous
20	1 13 4433 : 1909	-	reditionly, 2022		margenous
32		Chaoification (assemble assistant)			
	Reviewed In: 2022	Specification (second revision)	E-1 2022		T. 12
32		Specification (second revision) 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 â€" Polyamide Cord â€" 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			
	No Records Found				

	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		
	No Records Found			

	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			
	No Records Found				

	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

 $Safety\ Standard: 0 \\ Others: 0 \\ Service\ Specification: 0$

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

SI. No.	IS No. & Year	Title
1	IS 1084 : 2005	Textiles Manila ropes Specification fifth revision
	Reviewed In: 2021 ISO	
	1181:1990	
2	IS 11058 : 1984	Specification for sisal agricultural twines
_	Reviewed In : 2022 ISO	opeonication for sistal agricultural trimes
	5080:1994	
3	IS 11066 : 2022	Fibre ropes - Polyester - 3- 4- 8- and 12- strand ropes third revision
	ISO 1141:2021	1 tote topes 1 offester 3 1 6 and 12 straine topes unite revision
	ISO 9587 : 2007	
4	IS 11199 : 2024	Textiles - High density polyethylene HDPE monofilament twine door nets - Specification First
,	15 11175 : 2021	Revision
5	IS 11521 : 1985	Specification for cargo handling nets
	Reviewed In: 2022	Specification for eargo nationing new
6	IS 11927 : 2024	Textiles Netting and fibre rope for load restraint systems in surface transport Specification
ľ	10 11727 . 2024	rextites rectaing and ribre rope for four restraint systems in surface transport opecarication
7	IS 11928 : 2023	Textiles - Roundslings made of man-made fibres for general service - Specification second
'	15 11920 : 2023	revision
8	IS 11928 (Part 12): 1987	Specification for roundslings made of man-made fibres for general service
	Reviewed In: 2022	Specification for foundatings made of main made for general confidence
9	IS 12733 : 2022	Polyamide fibre ropes - Double braid construction first revision
	ISO 10554 : 2009	2 0.1/4.11.00 1.01.01.01.01.01.01.01.01.01.01.01.01.01
	ISO 10750:2015	
10	IS 12734 : 2002	Textiles Polypropylene twine Specification first revision
	Reviewed In: 2022	
11	IS 1321 (Part 1): 2003	Sisal ropes - Specification part 1 untarred varieties fourth revision
	Reviewed In: 2020 ISO	
	1181:1990	
12	IS 1321 (Part 2): 2024	Textiles - Sisal ropes - Specification Part 2 Tarred Varieties Third Revision
		1 1
13	IS 13959 : 2024	Textiles - Polypropylene Sutli - Specification First Revision
		71 17 1
14	IS 1410 : 2019	Textiles Coir ropes Specification fourth revision
	Reviewed In: 2024	
15	IS 14928 : 2001	Textiles - Composite synthetic fibre ropes - Specification
	Reviewed In: 2022	
16	IS 14929 : 2022	Mixed polyolefin fibre ropes first revision
	ISO 10572 : 2009	
17	IS 15041 : 2001	Textiles Flat woven webbing slings made of man-made fibres for general services
	Reviewed In: 2024	
18	IS 16338 : 2019	Fibre ropes Coir twine for trailing hop vines Specification first revision
	Reviewed In: 2024	
19	IS 17607 : 2021	Polyolefin agricultural twines

İ	150 4167 2006	I
	ISO 4167:2006	
20	CISPR 16-1-6: 2014	Dalvestan filma namas Davida husid aanstmatian
20	IS 17608 : 2021	Polyester fibre ropes - Double braid construction
	ISO 10547:2009	
21	ISO 10318-2:2015	
21	IS 17609 : 2021	Fibre ropes of polyester Polyolefin dual fibres
	ISO 10556:2009	
	ISOIEC 19770-2 : 2015	
22	IS 17929 (Part 1): 2022	Fibre ropes for offshore station keeping Part 1 General specification
	ISO 18692-1 : 2018	
	IEC 60519-8:2020	
23	IS 17929 (Part 2): 2022	Fibre ropes for offshore station keeping part 2 Polyester
	ISO 18692-2 : 2019	
	IEC 61400-21-1:2019	
24	IS 17929 (Part 3): 2022	Fibre ropes for offshore station keeping part 3 High modulus polyethylene HMPE
	ISO 18692-3 : 2020	
	ISO 15883-5:2021	
25	IS 1804 : 2004	Steel wire ropes Fibre main cores Specification fourth revision
	Reviewed In: 2024	
26	IS 18118 : 2023	Textiles - Flat woven webbing slings made from blend of polyester multifilament and high strengt
		mixed polyolefin tapes - Specification
27	IS 1857 : 2021	Fibre Ropes - Tarred hemp jute marline two-ply - Specification second revision
21	ISO TS 19293:2018	The Ropes Tarred herrip fate marrine two pry Specification second revision
28	IS 1887 : 1985	Specification for spun jute yarn second revision
20	Reviewed In : 2022	Specification for spain jute yarn second revision
29	IS 1912 : 2023	Taytiles Country jute trying Specification third revision
29	15 1912 : 2025	Textiles Country jute twine - Specification third revision
30	IS 1920 : 2023	Textiles - Hemp lines - Specification third revision
	15 1720 12025	Totales Total Incompanies Spoots and Total Incompanies
31	IS 2452 : 1985	Specification for hawser-laid cotton rope second revision
	Reviewed In: 2022	
32	IS 2453 : 1989	Cable-laid cotton rope Specification second revision
52	Reviewed In: 2022	
33	IS 2807 : 1981	Specification for whipcords first revision
33	Reviewed In: 2022	opecinication for winpeoras first revision
34	IS 2819 : 2024	Textiles - Braided Cotton Cord - Specification Third Revision
54	15 2017 . 2024	Textiles Braided Cotton Cord Specification Time Revision
35	IS 3252 : 2023	Textiles - Shroud-laid cotton line - Specification
36	IS 3262 : 2023	Textiles - Pilot lead line - Specification
		, , , , , , , , , , , , , , , , , , ,
37	IS 4572 : 2022	Fibre ropes - Polyamide 3- 4- 8- and 12- strand ropes fifth revision
. .	ISO 1140:2021	The state of the s
	ISO/TR 20416: 2020	
38	IS 5175 : 2022	Fibre ropes - Polypropylene split film monofilament and multifilament PP2 and polypropylene
50	ISO 1346:2021	high tenacity multifilament PP3 3- 4- 8- and 12- strand ropes fourth revision
	ISO 9588 : 2007	ingli tendenty materinament 11 5 5- 7- 6- and 12- strand topes fourth revision
39	IS 5176 : 2023	Textiles - Hawser laid hemp rope - Specification
37	15 51 /0 . 2025	Textiles - Hawser laid hemp tope - Specification
40	IS 5177 : 1985	Specification for jute lines and ropes first revision
40	Reviewed In : 2022	Specification for jute titles and topes that revision
41	IS 6587 : 2023	Textiles - Spun hemp yarn - Specification second revision
71	15 0507 . 2025	Textures - Spain nemp yarn - Speem causin second revision
42	IS 7082 : 2021	Fibre Ropes - Sisal lines - Specification first revision
7∠	ISO 10399 : 2017	1 fore ropes - of our files - openineation first revision
43	IS 8674 : 2013	Fibre ropes Polyethylene 3- and 4 -strand ropes third revision
43	1	1 Tota Topas Polyethyland 5- and 4-strand Topas third Tevision
	ISO 1969	
	Reviewed In: 2022 ISO	
	1969:2004	

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