### **BUREAU OF INDIAN STANDARDS**

## Program of Work

### **MED 29: Sewing Machines**

Scope: a) Formulation of standards on sewing machines, sewing machine parts and accessories for

household and industrial purposes. b)Co-ordination of work with ISO/TC 148 Sewing

machines.

Liaison: **TC-148 (O):** *Sewing machines* 

### **Published Standards**

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10040 : 1981	Specification for rotating hooks for	January, 2022	uary, 2022 -	
	Reviewed In: 2022	sewing machines for industrial use			
2	IS 10304 : 2024			Indigenous	
		Machines for Household Purposes			
		- Specification ( First Revision )			
3	IS 10304 : 1982	Specification for feed rock shaft	January, 2022	-	Indigenous
	Reviewed In: 2022	for sewing machines for household			
		purposes			
4	IS 10305 : 1982	Specification for feed rock shaft	January, 2022	-	Indigenous
	Reviewed In: 2022	crank for sewing machines for			
		household purposes			
5	IS 10306: 1982	Specification for feed lifting rocK	January, 2022	-	Indigenous
	Reviewed In: 2022	shaft crank for sewing machines			
		for household purposes			
6	IS/ISO 10821 : 2005	S		-	Identical under single
	ISO 10821 : 2005	Safety Requirements for Sewing			numbering
<u> </u>	IS/ ISO 10821	Machines, Units and Systems		ļ	
7	IS 11280 : 1996	Household sewing machines - Feed	January, 2022	-	Indigenous
	Reviewed In: 2022	bars - Specification (First			
	IC 11245 1005	Revision)	E 1 2001		T 1'
8	IS 11345 : 1985	Specification for oscillating shaft	February, 2021	-	Indigenous
	Reviewed In: 2021	crank for sewing machines for			
	IS 11347 : 1995	household purposes	January 2022		To di can avo
9		Household sewing machines -	January, 2022	-	Indigenous
	Reviewed In: 2022	Shuttle driver - Specification (First Revision)			
10	IS 11737 : 1996	Industrial bag stitching machine -	February, 2021	1	Indigenous
10	Reviewed In : 2021	Specification (First Revision)	reviualy, 2021		murgenous
11	IS 12058 : 2024	Slide Plates for Sewing Machines			Indigenous
11	13 12030 , 2024	for Household Purposes -		_	murgenous
		Specification (First Revision)			
12	IS 12058 : 1987	Specification for slide plates for	January, 2022	_	Indigenous
12	Reviewed In : 2022	sewing machines for household	January, 2022		margonous
	100 10 wed III . 2022	purposes			
13	IS 12109 : 1987	General requirements for light duty	January, 2022	1	Indigenous
	Reviewed In : 2022	sewing machine heads for	Junuary, 2022	1	margonous
	110110110111111111111111111111111111111	industrial use			
<u> </u>		maustrar use		+	

14	IS 12740 : 1989	Household sewing machines -	March, 2020	2	Indigenous
14	Reviewed In : 2020	Stand - Specification	Maich, 2020	2	margenous
15	IS 12789 : 1989	Household sewing machines -			Indigenous
	Reviewed In: 2020	Tables and base			C
16	IS 12789 : 2024	Household Sewing Machines -		- Indigen	
		Tables and Base -Specification (			
L		First Revision )			
17	IS 12798 : 1989	Household sewing machines -	March, 2020	1	Indigenous
10	Reviewed In: 2020 IS 1294: 1989	Flywheels - Specification	March 2020	1	Tu di como co
18	Reviewed In : 2020	Household sewing machines - Bobbins - Specification (Third	March, 2020	1	Indigenous
	Reviewed III . 2020	Revision)			
19	IS 1295 : 1990	Household sewing machines -	February, 2021	-	Indigenous
	Reviewed In: 2021	Needle bar - Specification (Second	, , , , , , , , , , , , , , , , , , ,		8
		Revision)			
20	IS 1296 : 2024	HOUSEHOLD SEWING		-	Indigenous
		MACHINE — PRESSER FOOT			
	YG 1205 2021	â€" SPECIFICATION			· · ·
21	IS 1297 : 2024	HOUSEHOLD SEWING		-	Indigenous
		MACHINE � PRESSER BAR � SPECIFICATION			
22	IS 13120 : 1991	Household sewing machines -	January, 2022	_	Indigenous
	Reviewed In : 2022	Flywheel bush - Specification	January, 2022		margonous
23	IS 13192 : 1991	Household sewing machines -	January, 2022	-	Indigenous
	Reviewed In: 2022	Hand attachment assembly	<b>3</b> /		C
24	IS 13806 : 1993	Household sewing machine -	March, 2020	-	Indigenous
	Reviewed In: 2020	Closed type shuttle race assembly -			
		Specification			
25	IS 13825 : 2024	Household Sewing Machines - Arm		-	Indigenous
		Shaft Front Bush ? Specification ( First Revision)			
26	IS 13825 : 1993	Household sewing machines - Arm	March, 2020	1	Indigenous
20	Reviewed In : 2020	shaft front bush - Specification	March, 2020	1	margenous
27	IS 13872 : 1993	Household sewing machine - Stitch	March, 2020	2	Indigenous
	Reviewed In: 2020	regulators - Specification			
28	IS 13972 : 2024	Household Sewing Machines -		-	Indigenous
		Bobbin Winder Assembly -			
1		Specification (First Revision)			
29	IS 13972 : 1994	Household sewing machines -	March, 2020	2	Indigenous
	Reviewed In: 2020	Bobbin winder assembly - Specification			
30	IS 14207 : 1994	Household sewing machines -	February, 2021	_	Indigenous
	Reviewed In : 2021	Open type shuttle race sub -	1 001 001 1, 2021		margonous
L		Assembly - Specification		<u>                                     </u>	
31	IS 14477 : 1997	Industrial sewing machines (Light	January, 2022	-	Indigenous
	Reviewed In: 2022	Duty) - Stand - Specification			
32	IS 14761 : 2000	Link type thread take up lever sub	February, 2021	-	Indigenous
	Reviewed In: 2021	assembly for industrial sewing			
22	IS B14769 : 2000	machines - Specification	Eahman, 2016	+	
33	Reviewed In : 2016	Household Sewing Machine Head - General Requirements (Bilingual)	February, 2016	-	
34	IS 15169 : 2002	Needles for sewing machines for	January, 2022	1	Indigenous
	Reviewed In : 2022	industrial purpose - Specification	January, 2022		
35	IS 15312 : 2003	Method of test for seam puckering	July, 2024	-	Indigenous
	Reviewed In: 2024	on materials sewn by industrial	-		-
		sewing machines			
36	IS 15313 : 2003	Method of test for vibration	May, 2024	-	Indigenous
	Reviewed In: 2024	measurement for industrial sewing			
		machines		+	

l	l va 15211 2002	1	2024	1	l
37	IS 15314 : 2003	Method of tests for tightness and May, 2024 -		Indigenous	
	Reviewed In: 2024	balance of stitches on seam sewn			
	YO 1 5 1 10 (D 1)	by industrial sewing machines			Y 11
38	IS 15449 (Part 1):	Household zig - Zag sewing	March, 2020	-	Indigenous
	2004	machine head: Part 1 general			
	Reviewed In: 2020	requirements			
39	IS 15449 (Part 1):	Household Zig-Zag Sewing		-	Indigenous
	2024	Machine/Head Part 1 General			
		Requirements (First Revision)			
40	IS 15449 (Part 2):	Household zig - Zag sewing	March, 2020	-	Indigenous
	2004	machine head: Part 2 accuracy			
	Reviewed In: 2020	requirements			
41	IS 15449 (Part 2):	Household Zig-Zag Sewing		-	Indigenous
	2024	Machine/Head Part 2 Accuracy			
		Requirements (First Revision)			
42	IS 15449 (Part 3):	Household zig - Zag sewing	March, 2020	-	Indigenous
	2004	machine head: Part 3 sewing			
	Reviewed In: 2020	requirements			
43	IS 15449 (Part 3):	Household Zig-Zag Sewing		-	Indigenous
	2024	Machine/Head Part 3 Sewing			
		Requirements (First Revision)			
44	IS 15449 (Part 4):	Household zig - Zag sewing	March, 2020	-	Indigenous
	2004	machine head: Part 4 durability			
	Reviewed In: 2020	requirements			
45	IS 15449 (Part 4):	Household Zig-Zag Sewing		-	Indigenous
	2024	Machine/Head Part 4 Durability			
		Requirements (First Revision)			
46	IS 1610 : 2018	Household sewing machines -	October, 2023	-	Indigenous
		General requirements (Fourth			_
	Reviewed In: 2023	Revision)			
47	IS 2181 : 1973	Specification for sewing machine	February, 2021	1	Indigenous
	Reviewed In: 2021	needles for household purposes	•		
		(First Revision)			
48	IS 2181 : 2024	Sewing Machine Needles for		-	Indigenous
		Household Purposes -			
		Specification ( Second Revision )			
49	IS 3290 : 1994	Household sewing machinesthread	January, 2022	=	Indigenous
	Reviewed In: 2022	take - Up lever sub - Assembly for	• • • • • • • • • • • • • • • • • • • •		
		cam type sewing machines			
		specification (Third Revision)			
50	IS 3291 : 2023	Thread take up cams for sewing		-	Indigenous
		machines for household purposes			
		Specification			
51	IS 3299 : 1969	Specification for oscillating rock	February, 2021	1	Indigenous
``	Reviewed In: 2021	shafts for sewing machines for	1 001 0001 j, 2021	•	111015011040
		household purposes (First			
		Revision)			
52	IS 3375 : 1991	Household sewing machines -	January, 2022	_	Indigenous
~~	Reviewed In : 2022	Bobbin case - Specification	Januar J, 2022		maigenous
		(Second Revision)			
53	IS 3816 : 1966	Specification for connecting rods	February, 2021	1	Indigenous
	Reviewed In : 2021	for sewing machines for household	1 001001, 2021	,	maigenous
	110 110 WOU III . 2021	purposes			
54	IS 3817 : 2024	Household Sewing Machines â€"			Indigenous
"	15 5017 . 2024	Arm Shaft â€" Specification		_	murgenous
		(Second Revision)			
55	IS 3817 : 1991	Household sewing machines - Arm	January, 2022	_	Indigenous
	Reviewed In : 2022	shaft - Specification (First	January, 2022	_	murgenous
	Kevieweu III . 2022	Revision)			
<u> </u>		Kevision)		+	

56	IS 3868 : 1966 Reviewed In : 2021			-	Indigenous
57	IS 4181 : 1967 Reviewed In : 2021	Specification for feed fork for sewing machines for household purposes  February, 2021  1		Indigenous	
58	IS 4188 : 1996 Reviewed In : 2021	996 Household sewing machines - February, 2021 -		Indigenous	
59	IS 4338 : 1991 Reviewed In : 2022	Household sewing machines vertical oscillating shuttle - Specification f second revision)	January, 2022	-	Indigenous
60	IS 4339 : 1997 Reviewed In : 2022	Household sewing machines - Needle bar link studs - Specification (First Revision)	January, 2022	-	Indigenous
61	IS 4340 : 1967 Reviewed In : 2021	Specification for needle bar links for sewing machines for household purposes	February, 2021	2	Indigenous
62	IS 4341 : 2024	HOUSEHOLD SEWING MACHINES - FEED BAR ROLLERS AND STUDS - SPECIFICATION ( Second Revision )		-	Indigenous
63	IS 4341 : 1997 Reviewed In : 2022	Household sewing machines - Feed bar rollers and studs - Specification (First Revision)	January, 2022	-	Indigenous
64	IS 4342 : 1967 Reviewed In : 2021	Specification for square slider for February, 2021 -		Indigenous	
65	IS 4632 : 1968 Reviewed In : 2021	Specification for square sliders for February, 2021 1		Indigenous	
66	IS 4735 : 1968 Reviewed In : 2021	Specification for arm shaft cams for sewing machines for household purposes	February, 2021	1	Indigenous
67	IS 5740 : 1996 Reviewed In : 2021	Household sewing machines - Memorandum on screw threads for sewing machine components (First Revision)	February, 2021	-	Indigenous
68	IS 6903 : 1973 Reviewed In : 2021	Glossary of terms relating to sewing machines for household purposes	November, 2021	-	Indigenous
69	IS 7491 : 1989 Reviewed In : 2020	Sewing machines, household accuracy requirements (First Revision)	September, 2020	-	Indigenous
70	IS 7492 : 1989 Reviewed In : 2020	Sewing machines, household - Sewing requirements (First Revision)	September, 2020	, 2020 - Indigenous	
71	IS 7493 : 1989 Reviewed In : 2020	1989 Sewing machines, household - September, 2020 1 Ind		Indigenous	
72	IS/ISO 8239 : 1987 ISO 8239 : 1987 IS/ ISO 8239	Sewing Machine Needles - Fitting Dimensions - Tolerances and Combinations		-	Identical under dual numbering
73	IS 8892 : 1978 Reviewed In : 2021	Specification for bobbins for sewing machines with rotating hooks for industrial use	February, 2021	-	Indigenous
74	IS 9152 : 2023	Industrial Sewing Machines $\ddot{i}_{\dot{c}}$ /2 Glossary of Terms and		-	Indigenous

		Identification Symbols			
75	IS 9697 : 1980	Specification for bobbin cases for February, 2021		-	Indigenous
	Reviewed In: 2021	sewing machines with rotating			
		hooks for industrial use			
76	IS 9874 : 1981	Specification for arm and bed	January, 2022	-	Indigenous
	Reviewed In: 2022	assembly for sewing machines for			
		household purposes			

# **Standards under Development**

	Projects Approved				
SI. No.	Doc No.	Title			
	No Records Found				

	Preliminary Draft Standards					
SI. No.	Doc No.	Title				
No Records Found						

	Drafts Standards in WC Stage				
SI. No.	Doc No.	Title			
	No Records Found				

		Draft Standards Completed WC Stage
SI. No.	Doc No.	Title
1	MED 29 (26777)	Oscillating Rock Shafts for Sewing Machines for Household Purposes Specification Second
		Revision
2	MED 29 (26778)	Connecting Rods for Sewing Machines for Household Purposes Specification First Revision
3	MED 29 (26779)	FEED LIFTING ROCK SHAFT FOR SEWING MACHINES FOR HOUSEHOLD PURPOSES
		SPECIFICATION
4	MED 29 (26888)	General Requirements for Light Duty Sewing Machine Heads for Industrial Use
5	MED 29 (26922)	Household Sewing Machines Hand Attachment Assembly

	Finalized Draft Indian Standard				
SI. No.	Doc No.	Title			
	No Records Found				

	Finalized Draft Indian Standards under Print				
SI. No.	Doc No.	Title			
1	MED 29 (19256) Revision	Household Sewing Machines Thread Take-Up Lever Sub-Assembly for Cam-Type Machines			
	of: IS 3290:1994	Specification Fourth Revision			
2	MED 29 (19258) Revision	Sewing Machine for Household Purposes Feed Rock Shaft Crank Specification First Revision			
	of: IS 10305:1982				
3	MED 29 (19259) Revision	Sewing Machine for Household Purposes Feed Lifting Rock Shaft Crank Specification First			
	of: IS 10306:1982	Revision			
4	MED 29 (19430) Revision	Needle Bar Links For Sewing Machines For Household Purposes Specification			
	of: IS 4340:1967				
5	MED 29 (19435) Revision	HOUSEHOLD SEWING MACHINE CLOSED TYPE SHUTTLE RACE ASSEMBLY			
	of: IS 13806:1993	SPECIFICATION First Revision			
6	MED 29 (19807) Revision	Household Sewing Machines Vertical Oscillating Shuttle Specification Third Revision			
	of: IS 4338:1991				
7	MED 29 (19812) Revision	Household Sewing Machines Open Type Shuttle Race Sub-Assembly Specification First Revision			

of: IS 14207:1994

#### Total Published Standards:63 Total Standards Under development:12

### **Aspect Wise Report**

Product: 57
Code of Practices: 0
Methods of Test: 3
Terminology: 2
Dimensions: 1
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 14769 : 2000	Household Sewing Machine Head - General Requirements
	Reviewed In: 2016	
2	IS 1610 : 2000	Household Sewing Machines - General Requirements
	Reviewed In: 2015 ISO	
	12619-1 : 2014	

### **Annexure-II :List of Indian Product Standards**

SI. No.	IS No. & Year	Title
1	IS 10040 : 1981	Specification for rotating hooks for sewing machines for industrial use
	Reviewed In: 2022	
2	IS 10304 : 2024	Feed Rock Shaft for Sewing Machines for Household Purposes - Specification First Revision
3	IS 10305 : 1982	Specification for feed rock shaft crank for sewing machines for household purposes
	Reviewed In: 2022	
4	IS 10306 : 1982	Specification for feed lifting rocK shaft crank for sewing machines for household purposes
	Reviewed In: 2022	
5	IS/ISO 10821 : 2005	Industrial Sewing Machines - Safety Requirements for Sewing Machines Units and Systems
	ISO 10821 : 2005	
	IS/ ISO 10821	
6	IS 11280 : 1996	Household sewing machines - Feed bars - Specification First Revision
	Reviewed In: 2022	
7	IS 11345 : 1985	Specification for oscillating shaft crank for sewing machines for household purposes
	Reviewed In: 2021	
8	IS 11347 : 1995	Household sewing machtnes - Shuttle driver - Specification First Revision
	Reviewed In: 2022	
9	IS 11737 : 1996	Industrial bag stitching machine - Specification First Revision
	Reviewed In: 2021	
10	IS 12058 : 2024	Slide Plates for Sewing Machines for Household Purposes - Specification First Revision
11	IS 12109 : 1987	General requirements for light duty sewing machine heads for industrial use
	Reviewed In: 2022	
12	IS 12740 : 1989	Household sewing machines - Stand - Specification
	Reviewed In: 2020	
13	IS 12789 : 2024	Household Sewing Machines - Tables and Base -Specification First Revision
14	IS 12798 : 1989	Household sewing machines - Flywheels - Specification

	Reviewed In: 2020	
15	IS 1294 : 1989	Household sewing machines - Bobbins - Specification Third Revision
	Reviewed In: 2020	
16	IS 1295 : 1990	Household sewing machines - Needle bar - Specification Second Revision
	Reviewed In: 2021	
17	IS 1296 : 2024	HOUSEHOLD SEWING MACHINE PRESSER FOOT SPECIFICATION
18	IS 1297 : 2024	HOUSEHOLD SEWING MACHINE PRESSER BAR SPECIFICATION
19	IS 13120 : 1991 Reviewed In : 2022	Household sewing machines - Flywheel bush - Specification
20	IS 13192 : 1991	Household sewing machines - Hand attachment assembly
20	Reviewed In: 2022	Trousehold sewing indefinies Trailed detaction to dissertions
21	IS 13806 : 1993	Household sewing machine - Closed type shuttle race assembly - Specification
	Reviewed In: 2020	
22	IS 13825 : 2024	Household Sewing Machines - Arm Shaft Front Bush Specification First Revision
23	IS 13872 : 1993	Household sewing machine - Stitch regulators - Specification
	Reviewed In: 2020	
24	IS 13972 : 2024	Household Sewing Machines - Bobbin Winder Assembly - Specification First Revision
25	IS 14207 : 1994	Household sewing machines - Open type shuttle race sub - Assembly - Specification
	Reviewed In: 2021	
26	IS 14477 : 1997	Industrial sewing machines Light Duty - Stand - Specification
	Reviewed In: 2022	
27	IS 14761 : 2000	Link type thread take up lever sub assembly for industrial sewing machines - Specification
	Reviewed In: 2021	When the second of the second
28	IS B14769 : 2000	Household Sewing Machine Head - General Requirements Bilingual
	Reviewed In: 2016	Thousand Sommy Translation Sometime Translation Sometime
29	IS 15169 : 2002	Needles for sewing machines for industrial purpose - Specification
2)	Reviewed In: 2022	Tree dies for sewing machines for maasural purpose especification
30	IS 15449 (Part 1): 2024	Household Zig-Zag Sewing Machine Head Part 1 General Requirements First Revision
31	IS 15449 (Part 2): 2024	Household Zig-Zag Sewing Machine Head Part 2 Accuracy Requirements First Revision
32	IS 15449 (Part 3): 2024	Household Zig-Zag Sewing Machine Head Part 3 Sewing Requirements First Revision
22	15 15 140 (D ) 2021	W 1177 7 0 1 W 12 W 12 W 17 W 17 W 17 W 17 W 17 W
33	IS 15449 (Part 4): 2024	Household Zig-Zag Sewing Machine Head Part 4 Durability Requirements First Revision
34	IS 2181 : 2024	Sewing Machine Needles for Household Purposes - Specification Second Revision
35	IS 3290 : 1994	Household sewing machinesthread take - Up lever sub - Assembly for cam type sewing machine
55	Reviewed In : 2022	specification Third Revision
36	IS 3291 : 2023	Thread take up cams for sewing machines for household purposes Specification
37	IS 3299 : 1969	Specification for oscillating rock shafts for sewing machines for household purposes First
• • •	Reviewed In: 2021	Revision
38	IS 3375 : 1991	Household sewing machines - Bobbin case - Specification Second Revision
	Reviewed In: 2022	
39	IS 3816 : 1966 Reviewed In : 2021	Specification for connecting rods for sewing machines for household purposes
40	IS 3817 : 2024	Household Sewing Machines Arm Shaft Specification Second Revision
41	IS 3868 : 1966	Specification for feed lifting rock shaft for sewing machines for household purposes
41	Reviewed In : 2021	Specification for feed fitting fock shart for sewing machines for nousehold purposes
42	IS 4181 : 1967	Specification for feed fork for sewing machines for household purposes
7∠	Reviewed In : 2021	Specification for feed fork for sewing machines for nousehold purposes
43	IS 4188 : 1996	Household sewing machines - Oscillating shaft - Specification First Revision
<i>∃J</i>	Reviewed In : 2021	Troubenord bewing indefinites Obeliating shart openitedion i fist revision
	Reviewed III . 2021	

44	IS 4338 : 1991	Household sewing machines vertical oscillating shuttle - Specification f second revision
	Reviewed In: 2022	
45	IS 4339 : 1997	Household sewing machines - Needle bar link studs - Specification First Revision
	Reviewed In: 2022	
46	IS 4340 : 1967	Specification for needle bar links for sewing machines for household purposes
	Reviewed In: 2021	
47	IS 4341 : 2024	HOUSEHOLD SEWING MACHINES - FEED BAR ROLLERS AND STUDS -
		SPECIFICATION Second Revision
48	IS 4342 : 1967	Specification for square slider for oscillating rock shaft for sewing machines for household
	Reviewed In: 2021	purposes
49	IS 4632 : 1968	Specification for square sliders for stitch regulators for sewing machines for household purposes
	Reviewed In: 2021	
50	IS 4735 : 1968	Specification for arm shaft cams for sewing machines for household purposes
	Reviewed In: 2021	
51	IS 5740 : 1996	Household sewing machines - Memorandum on screw threads for sewing machine components
	Reviewed In: 2021	First Revision
52	IS 7491 : 1989	Sewing machines household accuracy requirements First Revision
	Reviewed In: 2020	
53	IS 7492 : 1989	Sewing machines household - Sewing requirements First Revision
	Reviewed In: 2020	
54	IS 7493 : 1989	Sewing machines household - Durability requirements First Revision
	Reviewed In: 2020	
55	IS 8892 : 1978	Specification for bobbins for sewing machines with rotating hooks for industrial use
	Reviewed In: 2021	
56	IS 9697 : 1980	Specification for bobbin cases for sewing machines with rotating hooks for industrial use
	Reviewed In: 2021	
57	IS 9874 : 1981	Specification for arm and bed assembly for sewing machines for household purposes
	Reviewed In: 2022	