BUREAU OF INDIAN STANDARDS

Program of Work

ETD 33: Winding Wire

Scope: To prepare standards for wires for electrical winding irrrespective of conductor material, shape

or type of covering taking into account the needs in the fields of electrotechnology

Liaison: IEC TC-55 (P): Winding wires

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11174:1984	Specification for aromatic	August, 2024	-	Indigenous
	Reviewed In: 2024	polyimide paper covered			
	Decision taken to	rectangular and square copper			
	Reaffirm and	wires with temperature index 200			
	Archive				
2		Specifications for particular types	September, 2024	1	Identical under dual
	1):2018	of winding wires: Part 0 general			numbering
	EC 60317-0-1 : 2013				
	Reviewed In: 2024	round copper wire (Second			
	IEC 60317-0-1:	Revision)			
	2013				
3	· ·	Particular Types of Winding Wires		-	Identical under dual
	2):2024	â€" Specifications Part 0 General			numbering
		Requirements Section 2 Enamelled			
	IEC	Rectangular Copper Wire (Third			
<u> </u>	60317-0-2:2020	Revision)	C		Identical and and deal
4		Specifications for particular types	September, 2024	-	Identical under dual
	3):2012 Reviewed In : 2024	of winding wires: Part 0 general requirements: Sec 3 enamelled			numbering
	IEC 60317-0-3	round aluminium wire (First			
	IEC 00317-0-3	Revision)			
5	IS 13730 (Part 0/Sec	,			Identical under dual
	4):2024	of winding wires Part 0 General		-	numbering
	IEC 60317-0-4:2020	•			numbering
	IEC 00317-0-4.2020 IEC	wound resin or varnish			
	60317-0-4:2020	impregnated bare or enamelled			
	00317-0-4.2020	rectangular copper wire (Third			
		Revision)			
6	IS 13730 (Part 0/Sec	,	September, 2024	_	Identical under dual
	5):2012	of winding wires: Part 0 general	· · · · · · · · · · · · · · · · · ·		numbering
	EC 60317-0-5	requirements: Sec 5 glass - Fibre			
	Reviewed In: 2024	braided, resin or varnish			
	IEC 60317-0-5	impregnated, bare or enamelled			
		rectangular copper wire (First			
		Revision)			
7	IS 13730 (Part 0/Sec	Specification for Particular Types		-	Identical under dual
	6):2024	of Winding Wires Part 0 General			numbering
	IEC 60317-0-6:2020	_			
I		^		I	I

1	IEC	Fibra Warnal Daoin on Varnich		1	1
	IEC 60317-0-6:2020	Fibre Wound Resin or Varnish Impregnated, Bare or Enamelled			
	00317-0-0.2020	Round Copper Wire (First			
		Round Copper wire (1 list Revision)			
8	IS 13730 (Part	Particular types of winding wires:	September, 2024	_	Identical under dual
	1):1993	Part 1 Polyvinyl acetal enamelled	,		numbering
	Reviewed In: 2024	round copper wire, class 105			
	IEC 60317-1:2010+	(superseeding by IS 4800(Part			
	AMD1:2024 CSV	4):1968			
9	IS 13730 (Part	Specification for Particular Types		-	Identical under dual
	1):2025	of Winding Wires Part 1 Polyvinyl			numbering
	IEC 60317-1:2010+	Acetal Enamelled Round Copper			
	AMD1:2024 CSV	Wire, Class 105 (Second Revision			
	IEC 60317-1:2010+)			
	AMD1:2024 CSV				
10	IS 13730 (Part	Specifications for particular types		-	Identical under dual
	2):2024	of winding wires Part 2 Solderable			numbering
	IEC 60317-2:2019+	polyurethane enamelled round			
	AMD1:2024 CSV	copper wire class 130 with a			
	IEC 60317-2:2019+	bonding layer			
	AMD1:2024 CSV				
11	IS 13730 (Part	Specifications for particular types	September, 2024	-	Identical under dual
	3):2012	of winding wires: Part 3 polyester			numbering
		enamelled round copper wire, class			
	Reviewed In: 2024	155 (First Revision)			
12	IEC 60317-3		Cantanahan 2024		Identical and dead
12	IS 13730 (Part	Specification for particular types	September, 2024	-	Identical under dual
	4):2018 IEC 60317-4 : 2015	of winding wires: Part 4 solderable polyurethane enamelled round			numbering
	Reviewed In : 2024	copper wire, class 130, (Second			
	IEC 60317-4	Revision)			
13	IS 13730 (Part	Specification for Particular Types	September, 2024	_	Modified/Technically
	5):2018	of Winding Wires Part 5 Polyester	September, 2021		Equivalent
	3).2010	Enamelled Round Aluminium			Equivalent
	Reviewed In: 2024	Wire, Class 155			
	IEC 60317-5	ŕ			
14	IS 13730 (Part	Specification for particular types	March, 2021	-	Modified/Technically
	6):1994	of winding wires: Part 6 oleo -			Equivalent
	Reviewed In: 2021	Resinous enamelled round			-
	Reaffirmed but not	aluminium wire, class 105			
	taken up for revision				
	IEC 60317-6				
15	IS 13730 (Part	Specification for particular types	September, 2024	-	Identical under dual
	8):2014	of winding wires: Part 8		1	numbering
	IEC 60317-8 : 2010	polyesterimide enamelled round		1	
	Reviewed In: 2024	copper wire, class 180 (First		1	
	IEC 60317-8:2010	Revision)		-), 110° 17= 1
16	IS 13730 (Part	Specification for particular types	August, 2024	-	Modified/Technically
	9):1994	of winding wires: Part 9 polyester			Equivalent
	Reviewed In: 2024	enamelled round aluminium wire,		1	
	Reaffirmed but not	class 138		1	
	taken up for revision				
17	IEC 60317-9 IS 13730 (Part	Particular types of winding wires -		+	Identical under dual
1/	13 13 / 30 (Part 12):2024	Specipication Part 12 Polyvinyl		1 -	numbering
	· · · · · · · · · · · · · · · · · · ·	acetal enamelled round copper wire		1	numbering
	IEC 60317-12:2020			1	
18	IS 13730 (Part	Specifications for particular types	September, 2024	-	Identical under dual
	,	of winding wires: Part 13 polyester		1	numbering
I				1	

	Reviewed In: 2024	or polyesterimide overcoated with polyamide - Imide enamelled round copper wire, class 200 (First Revision)			
	IS 13730 (Part 15):1994 IEC 60317-15 Reviewed In : 2021 Reaffirmed but not taken up for revision IEC 60317-15 : 2010	Particular types of winding wires: Part 15 polyesterimide enammelled round aluminium wire, class 180	March, 2021	-	Modified/Technically Equivalent
20	IS 13730 (Part 16):1996 IEC 60317-16 Reviewed In : 2024 Reaffirmed but not taken up for revision IEC 60317-16	Specifications for particular types of winding wires: Part 16 polyester enamelled rectangular copper wire class 155	September, 2024	1	Identical under dual numbering
21	IS 13730 (Part 17):2024 IEC 60317-17:2020 IEC 60317-17:2020	\mathcal{E}		-	Identical under dual numbering
22	IS 13730 (Part 20):2018 IEC 60317-20 : 2013 Reviewed In : 2024 IEC 60317-20	Specifications for particular types of winding wires: Part 20 solderable polyurethane enamelled round copper wire, class 155 (Second Revision)	September, 2024	1	Identical under dual numbering
23		Specifications for particular types of winding wires: Part 21 solderable polyurethane enamelled round copper wire overcoated with polyamide, class 155	September, 2024	1	Identical under dual numbering
24	IS 13730 (Part 23):2017 IEC 60317-23 : 2013 Reviewed In : 2024 IEC 60317-23:2013	Specifications for particular types of winding wires: Part 23 solderable polyesterimide enamelled round copper wire, class 180	September, 2024	1	Identical under dual numbering
25	25):2024 IEC 60317-25:2020 IEC 60317-25:2020	Particular Types of Winding Wires - Specification Part 25 Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Aluminium Wire, Class 200 (First Revision)		-	Identical under dual numbering
26	IS 13730 (Part 26):1996 IEC 60317-26 Reviewed In : 2018 Reaffirmed but not taken up for revision IEC 60317-26	Specifications for particular types of winding wires: Part 26 polyamide - Imide enamelled round copper wire, class 200	June, 2018	1	Identical under dual numbering
27	IS 13730 (Part 27):2018	Specifications for Particular Types of Winding Wires Part 27 Paper Tape Covered Rectangular Copper Wire (First Revision)	September, 2024	-	Identical under dual numbering
28	IS 13730 (Part 27/Sec 1):2025 IEC 60317-27-1:202	Specifications for particular types of winding wires Part 27 Paper tape covered Section 1 Round		-	Identical under dual numbering

	0+AMD1:2024 CSV	copper wire			[
	IEC 60317-27-1:20 20+AMD1:2024 CSV				
29		Particular Types of Winding Wires it 1/2 Specification Part 27 Paper Tape Covered Section 2 Round Aluminium Wire		-	Identical under dual numbering
30	IS 13730 (Part 27/Sec 3):2025	Specifications for particular types of winding wires Part 27 Paper tape covered Section 3 Rectangular copper wire		-	Identical under dual numbering
31	IS 13730 (Part 27/Sec 4):2025 IEC 60317-27-4:202 0+AMD1:2024 CSV IEC 60317-27-4:20 20+AMD1:2024 CSV	Specifications for particular types of winding wires Part 27 Paper tape covered Section 4 Rectangular aluminium wire		-	Identical under dual numbering
32	IS 13730 (Part 28):2018 IEC 60317-28 : 2013 Reviewed In : 2024 IEC 60317-28	Specifications for particular types of winding wires: Part 28 polyesterimide enamelled rectangular copper wire, class 180 (First Revision)	September, 2024	-	Identical under dual numbering
33	IEC 60317-29 Reviewed In : 2024	Specifications for particular types of winding wires: Part 29 polyester or polyesterimide overcoated with polyamide - Imide enamelled rectangular copper wire, class 200	September, 2024	1	Identical under dual numbering
34	IS 13730 (Part 31):2018 IEC 60317-31 : 2015 Reviewed In : 2024 IEC 60317-31	Specifications for particular types of winding wires: Part 31 glass fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180 (First Revision)	September, 2024	-	Identical under dual numbering
35	IS 13730 (Part 32):2018 IEC 60317-32 : 2015 Reviewed In : 2024 IEC 60317-32	Specifications for particular types of winding wires: Part 32 glass fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 155 (First Revision)	September, 2024	-	Identical under dual numbering
	IS 13730 (Part 33):2018 IEC 60317-33 : 2015 Reviewed In : 2024 IEC 60317-33	impregnated, bare or enamelled rectangular copper wire, temperature index 200 (First Revision)	September, 2024	-	Identical under dual numbering
37	IS 13730 (Part	Specifications for particular types	March, 2021	-	Identical under dual

	l			ı	1
	-	of winding wires: Part 34 polyester			numbering
		enamelled round copper wire, class			
	Reviewed In: 2021 IEC 60317-34	130 L (First Revision)			
38	IS 13730 (Part	Specifications for particular types	January, 2024	1	Identical under dual
	35):2017	of winding wires: Part 35	January, 2024	1	numbering
	· · · · · · · · · · · · · · · · · · ·	solderable polyurethane enamelled			numbering
		round copper wire, class 155, with			
	IEC 60317-35:2013	a bonding layer			
39	IS 13730 (Part	Specifications for particular types	September, 2024	1	Identical under dual
	36):2017	of winding wires: Part 36	•		numbering
	IEC 60317-36 : 2013	=			
	Reviewed In: 2024	enamelled round copper wire, class			
	IEC 60317-36:2013	180, with a bonding layer			
40	IS 13730 (Part	Specifications for particular types	September, 2024	-	Identical under dual
	37):2017	of winding wires: Part 37			numbering
	IEC 60317-37 : 2013	1 0			
	Reviewed In: 2024	copper wire, class 180, with a			
4.1	IEC 60317-37:2013	bonding layer	G . 1 2024		X1 2 1 1 1 1
41	IS 13730 (Part	Specifications for particular types	September, 2024	-	Identical under dual
	-	of winding wires: Part 38 polyester			numbering
	Reviewed In : 2024	or polyesterimide overcoated with			
	IEC 60317-38	polyamide - Imide, enamelled round copper wire, class 200, with			
	IEC 00317-38	a bonding layer			
42	IS 13730 (Part	Specifications for particular types	September, 2024		Identical under dual
'-	39):2018	of winding wires: Part 39 glass -	September, 2021		numbering
	IEC 60317-39 : 2015				namouring
	Reviewed In: 2024	Impregnated, bare or enamelled			
	IEC 60317-39	rectangular copper wire,			
		temperature index 180 (First			
		Revision)			
43	IS 13730 (Part	Specification for particular types	September, 2024	-	Identical under dual
	43):2013	of winding wires: Part 43 aromatic			numbering
	IEC 60317-43	polyimide tape wrapped round			
	Reviewed In: 2024	copper wire, class 240 (First			
	IEC 60317-43	Revision)			
44	IS 13730 (Part	Specification for particular types	September, 2024	-	Identical under dual
	44):2013	of winding wires: Part 44 aromatic			numbering
	IEC 60317-44	polyimide tape wrapped			
	Reviewed In: 2024 IEC 60317-44	rectangular copper wire, class 240 (First Revision)			
45	IS 13730 (Part	Specifications for particular types	June, 2024		Identical under dual
T-J	,	of winding wires: Part 45 polyester	Juile, 2024	_	numbering
		enamelled round copper wire, class			namoering
	Reviewed In: 2024	130			
	Reaffirmed but not				
	taken up for revision				
	IEC 60317-45				
46	IS 13730 (Part	Specifications for particular types	September, 2024	-	Identical under dual
	46):2017	of winding wires: Part 46 aromatic			numbering
		polyimide enamelled round copper			
	Reviewed In: 2024	wire, class 240			
	IEC 60317-46:2013				
47	IS 13730 (Part	Specifications for particular types	September, 2024	-	Identical under dual
	47):2017	of winding wires: Part 47 aromatic			numbering
	IEC 60317-47 : 2013	1 0			
	Reviewed In : 2024	copper wire, class 240			
1	IEC 60317-47:2013			 	

48	IS 13730 (Part 48):2018	Specifications for particular types of winding wires: Part 48 glass -	September, 2024	-	Identical under dual numbering
	IEC 60217-48 : 2012 Reviewed In : 2024 IEC 60317-48	Fibre wound resin or varnish impregnated, bare or enamelled round copper wire, temperature			
	IEC 00317-46	index 155 (First Revision)			
49	IS 13730 (Part	Specifications for particular types	September, 2024	-	Identical under dual
	49):2018	of winding wires: Part 49 glass -			numbering
	IEC 60317-49 : 2012 Reviewed In : 2024	Fibre wound, high temperature resin or varnish - Impregnated,			
	IEC 60317-49	bare or enamelled round copper			
	120 00317 17	wire, class 180 (First Revision)			
50	IS 13730 (Part	Specifications for particular types	September, 2024	-	Identical under dual
	50):2018	of winding wires: Part 50 glass -			numbering
	IEC 60317-50 : 2012	· ·			
	Reviewed In: 2024 IEC 60317-50	varnish impregnated, bare or enamelled round copper wire, class			
	IEC 00317-30	200 (First Revision)			
51	IS 13730 (Part	Specifications for particular types	September, 2024	-	Identical under dual
	53):2018	of winding wires: Part 53 aromatic			numbering
		polyimide (Aramid) tape wrapped			
	Reviewed In: 2024	rectangular copper wire,			
	IEC60317-53	temperature index 220 (First Revision)			
52	IS 13730 (Part	Specifications for particular types		-	Identical under dual
-	57):2025	of winding wires - Part 57:			numbering
	IEC 60317-57	Polyamide-imide enameled round			_
	IEC 60317-57	copper wire class 220			
53	IS 13778 (Part	Winding wires - Methods of Test		-	Identical under dual
	1):2024 IEC 60851-1:2021	Part 1 General (Second Revision)			numbering
	IEC 60851-1:2021				
54		Winding wires - Test methods: Part	September, 2024	1	Identical under dual
	2):2013	2 determination of dimensions			numbering
	IEC 60851-2 : 2009	(First Revision)			
	Reviewed In: 2024 IEC 60851-2				
55	IS 13778 (Part	Winding Wires - Methods of Test		_	Identical under dual
	3):2024	Part 3 Mechanical Properties (numbering
	IEC 60851-3:2023	Second Revision)			8
	IEC 60851-3:2023				
56	· ·	Winding wires - Test methods: Part	September, 2024	-	Identical under dual
	4):2018	4 chemical properties (Second			numbering
	IEC 60851-4 : 2016 Reviewed In : 2024	Revision)			
	IEC 60851-4				
57		Winding wires - Test methods: Part	September, 2024	1	Identical under dual
	5):2012	5 electrical properties (First			numbering
	IEC 60851-5 : 2008	Revision)			
	Reviewed In : 2024				
58	IEC 60851-5 IS 13778 (Part	Winding wires - Test methods: Part	September, 2024	_	Identical under dual
30	6):2018	6 thermal properties (Second	5eptember, 2024	_	numbering
	IEC60851-6 : 2012	Revision)			
	Reviewed In: 2024	,			
	IEC60851-6				
59	· ·	Packaging of winding wires: Part 2	March, 2021	1	Identical under dual
	1):2000 IEC 60264-2-1	cylindrical barrelled delivery spools: Sec 1 basic dimensions			numbering
	1LC 00204-2-1	spools, see 1 dasic difficustors			

ı	D 11. 2021	1		1	1 1
	Reviewed In: 2021 IEC 60264-2-1				
60		Packaging of winding wires: Part 2	March, 2021	1	Identical under dual
00	2):2000	cylindrical barrelled delivery	March, 2021	1	numbering
	IEC 60264-2-2	spools: Sec 2 specification for			numbering
	Reviewed In : 2021	returnable spools made			
	IEC 60264-2-2	fromThermoplastic materials			
61		Packag - Ing of winding wires: Part	March, 2021	_	Identical under dual
01	1):2000	3 taper barrelled delivery spools:	Waren, 2021		numbering
	IEC 60264-3-1	Sec 1 basic dimensions			nume vinig
	Reviewed In: 2021				
	IEC 60264-3-1				
62		Packaging of winding wires: Part 3	March, 2021	-	Identical under dual
	2):2000	taper barrelled delivery spools: Sec			numbering
	IEC 60264-3-2	2 specification for returnable			
	Reviewed In: 2021	spools made fromThermoplastic			
	IEC 60264-3-2	materials			
63	IS 14841 (Part 3/Sec	Packaging of winding wires: Part 3	March, 2021	1	Identical under dual
	1	taper barrelled dellVery spools: Sec			numbering
	Reviewed In: 2021	3 specification for non -			
	IEC 60264-3-3	Returnable spools made from			
		thermoplastic material			
64	,	Packaging of winding wires: Part 3	September, 2024	-	Identical under dual
	4):2000	taper barrelled delivery spools: Sec			numbering
	Reviewed In: 2024	4 basic dimensions of containers			
	IEC 60264-3-4	for taper barrelled delivery spools	~		
65		Packaging of winding wires: Part 4	September, 2024	-	Identical under dual
	1):2013	methods of test: Sec 1 delivery			numbering
	Reviewed In: 2024	spools made from thermoplastic			
	IEC 60264-2-1	materials (First Revision)			To dia anno
66	IS 19059:2024	Continuously Transposed		-	Indigenous
		Conductor (CTC) Copper Winding Wires			
67	IS 2069:2025	Drums for covered winding wires		_	Indigenous
07	15 2007.2023	and strips for electrical purposes -			margenous
		Specification (Third Revision)			
68	IS 2069:1991	Drums for covered winding wires	March, 2021	_	Indigenous
	Reviewed In: 2021	and strips for electrical purposes -	1/14/14/1, 2021		marganous
		Specification (Second Revision)			
69	IS 5825:2024	Test Procedure for the		-	Identical under dual
	IEC 60172:2020	Determination of the Temperature			numbering
	IEC 60172:2020	Index of Enamelled and Tape			
		Wrapped Winding Wires (Third			
		Revision)			
70	IS 6162 (Part	Specification for paper - Covered	June, 2018	4	Modified/Technically
	1):1971	aluminium conductors: Part 1			Equivalent
	Reviewed In: 2018	round conductors			
	IEC Publication 111				
	(1959), BS 2627 :				
71	1961	Constitution 6	I. 2010		M. 4'C' 1/TD 1 1 1
71	IS 6162 (Part	Specification for paper covered	June, 2018	5	Modified/Technically
	2):1971	aluminium conductors: Part 2			Equivalent
	Reviewed In : 2018 B.S. 2776 : Part 2:	rectangular conductors			
	1956				
72	IS 7391 (Part	Specification For cotton Covered	June, 2018	2	Modified/Technically
12	1):1974	Copper Conductors : Part 1 round	Julic, 2010		Equivalent
	Reviewed In: 2018	conductors			Equivalent
	IEC Pub	1011010			
1		l l		I	1

	182-1(1964)			1	
73	IS 7391 (Part	Specification for cotton covered	June, 2018	-	Indigenous
	2):1974	copper conductors: Part 2			
	Reviewed In: 2018	rectangular conductors			
74	IS 7404 (Part	Paper covered copper conductors -	March, 2021	-	Indigenous
	1):1991	Specification: Part 1 round			
	Reviewed In: 2021	conductors (First Revision)			
75	IS 7576:1974	Specification for bunched	June, 2018	-	Modified/Technically
	Reviewed In: 2018	enamelled copper wires with silk			Equivalent
	BS: 4770: 197 1	covering			
76	IS 8572:1993	Paper - Covered flexible/stranded	June, 2018	-	Indigenous
	Reviewed In: 2018	copper conductors for transformer			
		leads - Specification (First			
		Revision)			
77	IS 8783 (Part	Winding wires for submersible	March, 2021	2	Indigenous
	1):1995	motors - Specification: Part 1			
	Reviewed In: 2021	conductor data (First Revision)			
78	IS 8783 (Part	Winding wires for submersible	March, 2021	2	Indigenous
	2):1995	motors - Specification: Part 2			
	Reviewed In: 2021	materials for dielectric and jacket			
		(First Revision)			
79	IS 8783 (Part	Winding wires for submersible	March, 2021	2	Indigenous
	3):1995	motors - Specification: Part 3			
	Reviewed In: 2021	methods of tests (First Revision)			
80	IS 8783 (Part 4/Sec	Winding wires for submersible	March, 2021	1	Indigenous
	1):1995	motors - Specification: Part 4			
	Reviewed In: 2021	specification for indmdual wires:			
		Sec 1 HR PVC insulated wires			
		(First Revision)			
81	IS 8783 (Part 4/Sec	Winding wires for submersible	March, 2021	-	Indigenous
	2):1995	motors - specification: Part 4			
	Reviewed In: 2021	specification for individual wires:			
		Sec 2 crosslinked polyethylene			
		insulated and polyamide jacketed			
	70.000.00	wires (First Revision)		ļ	
82	IS 8783 (Part 4/Sec	Winding wires for submersible	March, 2021	1	Indigenous
	3):1995	motors - Specification: Part 4			
	Reviewed In: 2021	specification for individual wires:			
		Sec 3 polyester and polypropylene			
		insulated winding wires (First			
		Revision)			

Standards under Development

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

	Preliminary Draft Standards			
SI. No.	Doc No.	Title		
1	ETD 33 (27481) Revision	ADDITIONAL SPECIFICATIONS FOR ENAMELLED ROUND COPPER WIRES		
	of: IS 11184:1984			
2	ETD 33 (27859) Revision	Specifications for particular types of winding wires Part 15 Polyesterimide enamelled round		
	of: IS 13730:1994	aluminium wire class 180		

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

		Draft Standards Completed WC Stage
SI. No.	Doc No.	Title
1	ETD 33 (26788)	Specifications for particular types of winding wires Part 0 General requirements Section 3 Enamelled round aluminium wire Second Revision
2	ETD 33 (26814)	Paper - Covered flexiblestranded copper conductors for transformer leads - Specification Second Revision
3	ETD 33 (27206)	Winding wires for submersible motors - Specification Part 1 conductor data
4	ETD 33 (27209)	Winding wires for submersible motors - Specification Part 2 materials for dielectric and jacket
5	ETD 33 (27212)	Winding wires for submersible motors - Specification Part 3 methods of tests
6	ETD 33 (27213)	Winding wires for submersible motors - Specification Part 4 specification for indmdual wires Sec 1 HR PVC insulated wires
7	ETD 33 (27214)	Winding wires for submersible motors - specification Part 4 specification for individual wires Sec 2 crosslinked polyethylene insulated and polyamide jacketed wires
8	ETD 33 (27215)	Winding wires for submersible motors - Specification Part 4 specification for individual wires Sec 3 polyester and polypropylene insulated winding wires
9	ETD 33 (27374)	Specifications for particular types of winding wires Part 13 polyester or polyesterimide overcoated with polyamide - Imide enamelled round copper wire class 200 First Revision Amendment - 1
10	ETD 33 (27375)	Specification for particular types of winding wires Part 8 polyesterimide enamelled round copper wire class 180 First Revision Amendment - 1
11	ETD 33 (27842)	Particular types of winding wires - Specipication Part 12 Polyvinyl acetal enamelled round copper wire class 120 First Revision Amendment - 1
12	ETD 33 (27843)	Specifications for particular types of winding wires Part 28 polyesterimide enamelled rectangular copper wire class 180 First Revision Amendment - 1
13	ETD 33 (27844)	Specifications for particular types of winding wires Part 37 polyesterimide enamelled round copper wire class 180 with a bonding layer Amendment - 1
14	ETD 33 (27845)	Specifications for particular types of winding wires Part 38 polyester or polyesterimide overcoated with polyamide - Imide enamelled round copper wire class 200 with a bonding layer Amendment - 1
15	ETD 33 (27850)	Specifications for particular types of winding wires Part 46 aromatic polyimide enamelled round copper wire class 240 Amendment - 1
16	ETD 33 (27851)	Specifications for particular types of winding wires Part 47 aromatic polyimide enamelled rectangular copper wire class 240 Amendment - 1

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

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
1	ETD 33 (26796) Revision	Specification for cottoncovered copper conductors Part 1 round conductors
	of: IS 7391:1974	
2	ETD 33 (26799) Revision	Specification for cotton covered copper conductors Part 2 rectangular conductors
	of: IS 7391:1974	

Total Published Standards:74 Total Standards Under development:20

Aspect Wise Report

Product: 66 Code of Practices: 0 Methods of Test: 8
Terminology: 0
Dimensions: 4
System Standard: 0
Safety Standard: 0
Others: 2

Service Specification: 0 Process Specification: 0 Unclassified: 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 10031:1981	Taper Barrelled Delivery Spools For Covered Round Electrical Winding Wires
	Reviewed In: 2015	
2	IS 10114:1982	Enamelled and varnish bonded glass covered rectangular copper wires
3	IS 10452 (Part 1):1983	Methods of tests for covered conductors for electrical equipment Part 1 Paper covered and cotton covered conductors
4	IS 10452 (Part 2):1983	Methods of tests for covered conductors for electrical equipment Part 2 Fibrous covered conductors
5	IS 11184:1984 Reviewed In : 2021	Specification for enamelled and varnish bonded glass fibre covered round copper wires
6	IS 11395:1985 Reviewed In: 2020	Specification for tape wrapped round copper wires with temperature index 220
7	IS 11597:1986 Reviewed In : 2021	Specification for polyester tape wrapped varnish bonded glass - Fibre covered rectangular copper conductors
8	IS 13343:1992 Reviewed In : 2018	Guide for thermal endurance of enamelled and varnish bonded glass covered rectangular copper conductor
9	IS 13730 (Part 7):1993 Reviewed In: 2013	Articular Types Of Winding Wires Part 7 Polyimide Enamelled Round Copper Wireclass 220 superseeds Is 4800 part 11 1981
10	IS 1594:1960	Metric sizes of copper wires and conductors for electrical purposes
11	IS 1595:1967	Enamelled round copper wire with high mechanical properties
12	IS 1666:1961	Paper-covered rectangular copper conductors for transformer windings
13	IS 2068:1962	Cotton Covered Rectangular Copper Conductors
14	IS 2659:1964	Enamelled round copper wire for elevated temperatures
15	IS 3454:1966	Paper-covered Round Copper Conductors
16	IS 3855 (Part 1):1978	Rectangular and square enamelled copper conductors Part 1 Thickness of enamel coating
17	IS 3855 (Part 2):1979	Rectangular and square enamelled copper conductors Part 2 Methods of tests
18	IS 3855 (Part 3):1978	Rectangular and square enamelled copper conductors Part 3 Wires with high mechanical properties
19	IS 3855 (Part 4):1981	Rectangular and square enamelled copper conductors Part 4 Wires with temperature indes 155
20	IS 3855 (Part 5):1984	Rectangular and square enamelled copper conductors Part 5 Wire with temperature indes 180
21	IS 396:1953	Bare annealed high-conductivity copper wire for electrical machinery and apparatus tentative
22	IS 449:1962	Enamelled high-conductivity annealed round copper wire oleoresinous enamel Revised
23	IS 450:1964	Cotton Covered Round Copper Conductors
	!	

24	IS 4685 (Part 1):1968 Reviewed In : 2015	Varnish bonded glass-fibre covered copper conductors Part 1 Round wires
25	IS 4685 (Part 2):1984	Varnish bonded glass-fibre covered copper conductors Part 2 Rectangular conductors
26	IS 4718:1968	Multiple paper-covered round copper conductors
27	IS 4800 (Part 1):1968	Enamelled round winding wires Part 1 Conductors data
28	IS 4800 (Part 2):1968	Enamelled round winding wires Part 2 Maximum overall diameters
29	IS 4800 (Part 3):1968	Enamelled round winding wires Part 3 Methods of tests
30	IS 4800 (Part 4):1968	Enamelled round winding wires Part 4 Wires with high mechanical properties
31	IS 4800 (Part 5):1968	Enamelled round winding wires Part 5 Wires for elevated temperatures
32	IS 4800 (Part 6):1968	Enamelled round winding wires Part 6 Wires with self-fluxing properties
33	IS 4800 (Part 7):1970	Enamelled round winding wires Part 7 Wires with good dielectric properties under humid conditions
34	IS 4800 (Part 8):1970	Enamelled round winding wires Part 8 Wires for use in refrigeration systems
35	IS 4800 (Part 9):1971	Enamelled round winding wires Part 9 Wires with temperature index 180
36	IS 4800 (Part 10):1977	Enamelled round winding wires Part 10 Self bonding wires
37	IS 4800 (Part 11):1981	Enamelled round winding wires Part 11 Wires with temperature index 220
38	IS 4800 (Part 12):1986	Enamelled round winding wires Part 12 Self bonding wires heat or solvent bonding enamelled round copper wires with temperature index 155
39	IS 4800 (Part 13):1989	Enamelled round winding wires Part 13 Dual coated wires with temperature index 200
40	IS 4800 (Part 14):1991	Enamelled round winding wires Part 14 Wires with self fluxing properties and temperature index 155
41	IS 482:1981 Reviewed In : 2015	Reels for Covered Round Electrical Winding Wires
42	IS 6160:1971	Rectangular conductors for electrical machines
43	IS 6181:1971 Reviewed In: 2018 Document 70/3817 Draft British Standard Specification	Specification for varnish bonded glass - Fibre braided rectangular copper conductors
44	IS 7404 (Part 2):1991	Paper covered copper conductors Part 2 Rectangular conductors
45	IS 9148:1979 Reviewed In : 2015	Tape wrapped rectangular and square copper wires with a temperature index of 220
46	IS 9778:1981 Reviewed In : 2021	Guide for evaluation of thermal endurance of varnish bonded glass fibre covered rectangular copper conductors

Annexure-II : List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 11174:1984	Specification for aromatic polyimide paper covered rectangular and square copper wires with
	Reviewed In: 2024	temperature index 200
	Decision taken to Reaffirm	
	and Archive	
2	IS 13730 (Part 0/Sec	Specifications for particular types of winding wires Part 0 general requirements Sec 1 enamelled
	1):2018	round copper wire Second Revision

ı	FG (0217 0 1 2012	1
	EC 60317-0-1 : 2013	
	Reviewed In : 2024 IEC	
2	60317-0-1: 2013	
3	IS 13730 (Part 0/Sec	Particular Types of Winding Wires Specifications Part 0 General Requirements Section 2
	2):2024	Enamelled Rectangular Copper Wire Third Revision
	IEC 60317-0-2:2020	
4	IC 12720 (D 0/C	Constitution for a series leaders of the line of the David Constitution and Constitution and Constitution of the Constitution
4	IS 13730 (Part 0/Sec	Specifications for particular types of winding wires Part 0 general requirements Sec 3 enamelled
	3):2012	round aluminium wire First Revision
	Reviewed In: 2024 IEC	
	60317-0-3	Consideration for an extinction of the line of the Post O Consequence and Consequence Titles
5	IS 13730 (Part 0/Sec	Specification for particular types of winding wires Part 0 General requirements Sec 4 glass - Fibre
	4):2024	wound resin or varnish impregnated bare or enamelled rectangular copper wire Third Revision
	IEC 60317-0-4:2020	
	IC 12720 (D 0/C	Constitution from what had a second size the part of the constitution of the constitut
6	IS 13730 (Part 0/Sec	Specifications for particular types of winding wires Part 0 general requirements Sec 5 glass - Fibre
	5):2012	braided resin or varnish impregnated bare or enamelled rectangular copper wire First Revision
	EC 60317-0-5	
	Reviewed In: 2024 IEC	
7	60317-0-5 IS 13730 (Part 0/Sec	Specification for Particular Types of Winding Wires Part 0 General Requirements Section 6 Glass-
/	6):2024	Fibre Wound Resin or Varnish Impregnated Bare or Enamelled Round Copper Wire First Revision
	IEC 60317-0-6:2020	Frote would Keshi of Variush impregnated bare of Enamened Round Copper whe rust Kevision
	IEC 00317-0-0.2020	
8	IS 13730 (Part 1):2025	Specification for Particular Types of Winding Wires Part 1 Polyvinyl Acetal Enamelled Round
8	IS 13730 (Fait 1).2023	Copper Wire Class 105 Second Revision
	60317-1:2010+AMD1:2024	
	CSV	
	CSV	
9	IS 13730 (Part 2):2024	Specifications for particular types of winding wires Part 2 Solderable polyurethane enamelled
	IEC	round copper wire class 130 with a bonding layer
	60317-2:2019+AMD1:2024	· · · · · · · · · · · · · · · · · · ·
	CSV	
10	IS 13730 (Part 3):2012	Specifications for particular types of winding wires Part 3 polyester enamelled round copper wire
	IEC 60317-3	class 155 First Revision
	Reviewed In: 2024 IEC	
	60317-3	
11	IS 13730 (Part 4):2018	Specification for particular types of winding wires Part 4 solderable polyurethane enamelled round
	IEC 60317-4 : 2015	copper wire class 130 Second Revision
	Reviewed In: 2024 IEC	
	60317-4	
12	IS 13730 (Part 5):2018	Specification for Particular Types of Winding Wires Part 5 Polyester Enamelled Round
		Aluminium Wire Class 155
	Reviewed In: 2024 IEC	
	60317-5	
13	IS 13730 (Part 6):1994	Specification for particular types of winding wires Part 6 oleo - Resinous enamelled round
	Reviewed In: 2021	aluminium wire class 105
	Reaffirmed but not taken up	1
	for revision IEC 60317-6	
14	IS 13730 (Part 8):2014	Specification for particular types of winding wires Part 8 polyesterimide enamelled round copper
	IEC 60317-8 : 2010	wire class 180 First Revision
	Reviewed In: 2024 IEC	
1.5	60317-8:2010	
15	IS 13730 (Part 9):1994	Specification for particular types of winding wires Part 9 polyester enamelled round aluminium
1	Reviewed In: 2024	wire class 138
1	Reaffirmed but not taken up	1
16	for revision IEC 60317-9	Distribution of civiling civiling Co. 11 of D. (10 D. 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
16	IS 13730 (Part 12):2024	Particular types of winding wires - Specipication Part 12 Polyvinyl acetal enamelled round copper

	IEC 60317-12:2020	wire class 120 First Revision
17	IS 13730 (Part 13):2014 IEC 60317-13 : 2010 Reviewed In : 2024 IEC 60317-13 : 2010	Specifications for particular types of winding wires Part 13 polyester or polyesterimide overcoated with polyamide - Imide enamelled round copper wire class 200 First Revision
18	IS 13730 (Part 15):1994 IEC 60317-15 Reviewed In : 2021 Reaffirmed but not taken up for revision IEC 60317-15 : 2010	Particular types of winding wires Part 15 polyesterimide enammelled round aluminium wire class 180
19	IS 13730 (Part 16):1996 IEC 60317-16 Reviewed In : 2024 Reaffirmed but not taken up for revision IEC 60317-16	
20	IS 13730 (Part 17):2024 IEC 60317-17:2020	Specification for particular types of winding wires Part 17 Polyvinyl acetal enamelled rectangular copper wire class 105 SECOND REVISION
21	IS 13730 (Part 20):2018 IEC 60317-20 : 2013 Reviewed In : 2024 IEC 60317-20	Specifications for particular types of winding wires Part 20 solderable polyurethane enamelled round copper wire class 155 Second Revision
22	IS 13730 (Part 21):2017 IEC 60317-21 : 2013 Reviewed In : 2024 IEC 60317-21:2013	Specifications for particular types of winding wires Part 21 solderable polyurethane enamelled round copper wire overcoated with polyamide class 155
23	IS 13730 (Part 23):2017 IEC 60317-23 : 2013 Reviewed In : 2024 IEC 60317-23:2013	Specifications for particular types of winding wires Part 23 solderable polyesterimide enamelled round copper wire class 180
24	IS 13730 (Part 25):2024 IEC 60317-25:2020	Particular Types of Winding Wires - Specification Part 25 Polyester or Polyesterimide Overcoated with Polyamide-Imide Enamelled Round Aluminium Wire Class 200 First Revision
25	IS 13730 (Part 26):1996 IEC 60317-26 Reviewed In : 2018 Reaffirmed but not taken up for revision IEC 60317-26	Specifications for particular types of winding wires Part 26 polyamide - Imide enamelled round copper wire class 200
26	IS 13730 (Part 27):2018 IEC 60317-27 : 2013 Reviewed In : 2024 IEC 60317-27	Specifications for Particular Types of Winding Wires Part 27 Paper Tape Covered Rectangular Copper Wire First Revision
27	IS 13730 (Part 27/Sec 1):2025 IEC 60317-27-1:2020+AM D1:2024 CSV	Specifications for particular types of winding wires Part 27 Paper tape covered Section 1 Round copper wire
28	IS 13730 (Part 27/Sec 2):2025 IEC 60317-27-2:2020+AM D1:2024 CSV	Particular Types of Winding Wires Specification Part 27 Paper Tape Covered Section 2 Round Aluminium Wire
29	IS 13730 (Part 27/Sec 3):2025 IEC 60317-27-3:2019+AM D1:2024 CSV	Specifications for particular types of winding wires Part 27 Paper tape covered Section 3 Rectangular copper wire

4):2025 IEC 60317-27-4:2020+AM	Rectangular aluminium wire
1166 00317-27-4.2020+701	
D1:2024 CSV	
D1.2024 C5 V	
IS 13730 (Part 28):2018	Specifications for particular types of winding wires Part 28 polyesterimide enamelled rectangular
	copper wire class 180 First Revision
` ´	Specifications for particular types of winding wires Part 29 polyester or polyesterimide overcoated with polyamide - Imide enamelled rectangular copper wire class 200
	and the same state of the same
for revision IEC 60317-29	
IS 13730 (Part 31):2018	Specifications for particular types of winding wires Part 31 glass fibre wound resin or varnish
IEC 60317-31 : 2015	impregnated bare or enamelled rectangular copper wire temperature index 180 First Revision
Reviewed In: 2024 IEC	
60317-31	
IS 13730 (Part 32):2018	Specifications for particular types of winding wires Part 32 glass fibre wound resin or varnish
IEC 60317-32 : 2015	impregnated bare or enamelled rectangular copper wire temperature index 155 First Revision
Reviewed In: 2024 IEC	
60317-32	
` ′	Specifications for particular types of winding wires Part 33 glass fibre wound resin or varnish
	impregnated bare or enamelled rectangular copper wire temperature index 200 First Revision
	Specifications for particular types of winding wires Part 34 polyester enamelled round copper wire
	class 130 L First Revision
	Consideration for any indicators of sinding size Double 25 and apply a facility of size of the size of
` ´	Specifications for particular types of winding wires Part 35 solderable polyurethane enamelled
	round copper wire class 155 with a bonding layer
	Specifications for particular types of winding wires Part 36 solderable polyesterimide enamelled
` ´	round copper wire class 180 with a bonding layer
	Tound copper wife class 100 with a boliding tayer
	Specifications for particular types of winding wires Part 37 polyesterimide enamelled round
` ´	copper wire class 180 with a bonding layer
Reviewed In: 2024 IEC	
60317-37:2013	
IS 13730 (Part 38):2018	Specifications for particular types of winding wires Part 38 polyester or polyesterimide overcoated
IEC 60317-38 : 2013	with polyamide - Imide enamelled round copper wire class 200 with a bonding layer
Reviewed In: 2024 IEC	
60317-38	
` ´	Specifications for particular types of winding wires Part 39 glass - Fibre braided resin or varnish -
	Impregnated bare or enamelled rectangular copper wire temperature index 180 First Revision
	Specification for particular types of winding wires Part 43 aromatic polyimide tape wrapped round
	copper wire class 240 First Revision
	Constitution for postinular temps of minding mind Dout 44
i i	Specification for particular types of winding wires Part 44 aromatic polyimide tape wrapped
	rectangular copper wire class 240 First Revision
60317-44	
	IS 13730 (Part 28):2018 IEC 60317-28 : 2013 Reviewed In : 2024 IEC 60317-28 IS 13730 (Part 29):1996 IEC 60317-29 Reviewed In : 2024 Reaffirmed but not taken up for revision IEC 60317-29 IS 13730 (Part 31):2018 IEC 60317-31 : 2015 Reviewed In : 2024 IEC 60317-31 IS 13730 (Part 32):2018 IEC 60317-32 : 2015 Reviewed In : 2024 IEC 60317-32 IS 13730 (Part 33):2018 IEC 60317-33 : 2015 Reviewed In : 2024 IEC 60317-33 IS 13730 (Part 33):2018 IEC 60317-33 IS 13730 (Part 34):2000 IEC 60317-34 Reviewed In : 2024 IEC 60317-34 IS 13730 (Part 35):2017 IEC 60317-35 : 2013 Reviewed In : 2024 IEC 60317-35:2013 IS 13730 (Part 36):2017 IEC 60317-36 : 2013 Reviewed In : 2024 IEC 60317-36:2013 IS 13730 (Part 37):2017 IEC 60317-37 : 2013 Reviewed In : 2024 IEC 60317-37:2013 IS 13730 (Part 37):2017 IEC 60317-37 : 2013 Reviewed In : 2024 IEC 60317-37:2013 IS 13730 (Part 38):2018 IEC 60317-38 : 2013 Reviewed In : 2024 IEC

IEC 60317-45 Reviewed In: 2024 Reaffirmed but not taken up for revision IEC 60317-45 45 IS 13730 (Part 46):2017 IEC 60317-46: 2013 Reviewed In: 2024 IEC 60317-46:2013 46 IS 13730 (Part 47):2017 IEC 60317-47: 2013 Reviewed In: 2024 IEC 60317-47: 2013 Reviewed In: 2024 IEC 60317-47:2013 47 IS 13730 (Part 48):2018 IEC 60217-48: 2012 Reviewed In: 2024 IEC 60317-47:2013 Specifications for particular types of winding wires Part 47 aromatic polyimide ename rectangular copper wire class 240 Specifications for particular types of winding wires Part 48 glass - Fibre wound resin or voimpregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare or enamelled round copper wire temperature index 155 First Revision impregnated bare	round
for revision IEC 60317-45 45 IS 13730 (Part 46):2017 IEC 60317-46 : 2013 Reviewed In : 2024 IEC 60317-46:2013 46 IS 13730 (Part 47):2017 IEC 60317-47 : 2013 Reviewed In : 2024 IEC 60317-47 : 2013 Reviewed In : 2024 IEC 60317-47 : 2013 Reviewed In : 2024 IEC 60317-47:2013 47 IS 13730 (Part 48):2018 IEC 60217-48 : 2012 Reviewed In : 2024 IEC 1020 IEC 60217-48 : 2012 Reviewed In : 2024 IEC 1020 I	round
IS 13730 (Part 46):2017 IEC 60317-46: 2013 Reviewed In: 2024 IEC 60317-46:2013 46 IS 13730 (Part 47):2017 IEC 60317-47: 2013 Reviewed In: 2024 IEC 60317-48: 2012 Reviewed In: 2024 IEC Reviewed In: 2024 IEC 1EC 60217-48: 2012 Reviewed In: 2024 IEC 1EC 60217-48: 2012 Reviewed In: 2024 IEC	round
IEC 60317-46: 2013 Reviewed In: 2024 IEC 60317-46:2013 46 IS 13730 (Part 47):2017 IEC 60317-47: 2013 Reviewed In: 2024 IEC 60317-47: 2013 Reviewed In: 2024 IEC 60317-47:2013 47 IS 13730 (Part 48):2018 IEC 60217-48: 2012 Reviewed In: 2024 IEC 1 Specifications for particular types of winding wires Part 47 aromatic polyimide ename rectangular copper wire class 240 Specifications for particular types of winding wires Part 48 glass - Fibre wound resin or winding	round
Reviewed In: 2024 IEC 60317-46:2013 46 IS 13730 (Part 47):2017 IEC 60317-47: 2013 Reviewed In: 2024 IEC 60317-47:2013 47 IS 13730 (Part 48):2018 IEC 60217-48: 2012 Reviewed In: 2024 IEC 1 Specifications for particular types of winding wires Part 47 aromatic polyimide ename rectangular copper wire class 240 Specifications for particular types of winding wires Part 48 glass - Fibre wound resin or winding wires	
46 IS 13730 (Part 47):2017 Specifications for particular types of winding wires Part 47 aromatic polyimide ename rectangular copper wire class 240 Reviewed In: 2024 IEC 60317-47:2013 47 IS 13730 (Part 48):2018 IEC 60217-48: 2012 Reviewed In: 2024 IEC	
IS 13730 (Part 47):2017 IEC 60317-47 : 2013 Reviewed In : 2024 IEC 60317-47:2013 IS 13730 (Part 48):2018 IEC 60217-48 : 2012 Reviewed In : 2024 IEC 1 Specifications for particular types of winding wires Part 47 aromatic polyimide ename rectangular copper wire class 240 Specifications for particular types of winding wires Part 48 glass - Fibre wound resin or winding wires Part 48 glass - Fibre wound resin or winding wires Part 48 glass - Fibre wound resin or winding wires Part 48 glass - Fibre wound resin or winding wires Part 48 glass - Fibre wound resin or winding wires Part 48 glass - Fibre wound resin or winding wires Part 48 glass - Fibre wound resin or winding wires Part 48 glass - Fibre wound resin or winding wires Part 48 glass - Fibre wound resin or winding wires Part 48 glass - Fibre wound resin or winding wires Part 47 aromatic polyimide ename rectangular copper wire class 240	
IEC 60317-47 : 2013 Reviewed In : 2024 IEC 60317-47:2013 47 IS 13730 (Part 48):2018 IEC 60217-48 : 2012 Reviewed In : 2024 IEC Reviewed In : 2024 IEC IEC 60217-48 : 2012 Reviewed In : 2024 IEC IEC 60217-48 : 2012 Reviewed In : 2024 IEC	
Reviewed In: 2024 IEC 60317-47:2013 47 IS 13730 (Part 48):2018 IEC 60217-48: 2012 Reviewed In: 2024 IEC Reviewed In: 2024 IEC Specifications for particular types of winding wires Part 48 glass - Fibre wound resin or winding wires Part 48 glass - Fibre wound	lled
47 IS 13730 (Part 48):2018 Specifications for particular types of winding wires Part 48 glass - Fibre wound resin or vimpregnated bare or enamelled round copper wire temperature index 155 First Revision Reviewed In: 2024 IEC	
IS 13730 (Part 48):2018 Specifications for particular types of winding wires Part 48 glass - Fibre wound resin or v impregnated bare or enamelled round copper wire temperature index 155 First Revision Reviewed In: 2024 IEC	
IEC 60217-48 : 2012 impregnated bare or enamelled round copper wire temperature index 155 First Revision Reviewed In : 2024 IEC	ornich
Reviewed In: 2024 IEC	
	/11
60317-48	
48 IS 13730 (Part 49):2018 Specifications for particular types of winding wires Part 49 glass - Fibre wound high temp	erature
IEC 60317-49 : 2012 resin or varnish - Impregnated bare or enamelled round copper wire class 180 First Revi	
Reviewed In: 2024 IEC	
60317-49	
49 IS 13730 (Part 50):2018 Specifications for particular types of winding wires Part 50 glass - Fibre wound silicone r	esin or
IEC 60317-50 : 2012 varnish impregnated bare or enamelled round copper wire class 200 First Revision	
Reviewed In: 2024 IEC	
60317-50 50 IS 12720 (Part 52) 2018 Specifications for particular times of winding using Part 52 against a plaintide Appril	40
50 IS 13730 (Part 53):2018 Specifications for particular types of winding wires Part 53 aromatic polyimide Aramid wrapped rectangular copper wire temperature index 220 First Revision	tape
Reviewed In :	
2024 IEC60317-53	
51 IS 13730 (Part 57):2025 Specifications for particular types of winding wires - Part 57 Polyamide-imide enameled	round
IEC 60317-57 copper wire class 220	
52 IS 14841 (Part 2/Sec Packaging of winding wires Part 2 cylindrical barrelled delivery spools Sec 2 specification	n for
2):2000 returnable spools made fromThermoplastic materials	
IEC 60264-2-2	
Reviewed In: 2021 IEC	
53 IS 14841 (Part 3/Sec Packaging of winding wires Part 3 taper barrelled delivery spools Sec 2 specification is	or
2):2000 returnable spools made from Thermoplastic materials	OI
IEC 60264-3-2	
Reviewed In: 2021 IEC	
60264-3-2	
54 IS 14841 (Part 3/Sec Packaging of winding wires Part 3 taper barrelled dellVery spools Sec 3 specification for	non -
3):2000 Returnable spools made from thermoplastic material	
Reviewed In: 2021 IEC	
60264-3-3	
55 IS 19059:2024 Continuously Transposed Conductor CTC Copper Winding Wires	
56 IS 2069:2025 Drums for covered winding wires and strips for electrical purposes - Specification Third R	evicion
Drums for covered winding wires and surps for electrical purposes - specification finite K	evision
57 IS 6162 (Part 1):1971 Specification for paper - Covered aluminium conductors Part 1 round conductors	
Reviewed In: 2018 IEC	
Publication 111 (1959), BS	
2627 : 1961	
58 IS 6162 (Part 2):1971 Specification for paper covered aluminium conductors Part 2 rectangular conductor	8
Reviewed In: 2018 B.S.	
2776 : Part 2: 1956	
59 IS 7391 (Part 1):1974 Specification For cotton Covered Copper Conductors Part 1 round conductors	
Reviewed In : 2018 IEC Pub 182-1(1964)	
Γ UU 102-1(170+)	

60	IS 7391 (Part 2):1974	Specification for cotton covered copper conductors Part 2 rectangular conductors
	Reviewed In: 2018	
61	IS 7404 (Part 1):1991	Paper covered copper conductors - Specification Part 1 round conductors First Revision
	Reviewed In: 2021	
62	IS 7576:1974	Specification for bunched enamelled copper wires with silk covering
	Reviewed In: 2018 BS:	
	4770 : 197 1	
63	IS 8572:1993	Paper - Covered flexible stranded copper conductors for transformer leads - Specification First
	Reviewed In: 2018	Revision
64	IS 8783 (Part 4/Sec 1):1995	Winding wires for submersible motors - Specification Part 4 specification for indmdual wires Sec
	Reviewed In: 2021	1 HR PVC insulated wires First Revision
65	IS 8783 (Part 4/Sec 2):1995	Winding wires for submersible motors - specification Part 4 specification for individual wires Sec
	Reviewed In: 2021	2 crosslinked polyethylene insulated and polyamide jacketed wires First Revision
66	IS 8783 (Part 4/Sec 3):1995	Winding wires for submersible motors - Specification Part 4 specification for individual wires Sec
	Reviewed In: 2021	3 polyester and polypropylene insulated winding wires First Revision