BUREAU OF INDIAN STANDARDS

Program of Work

MTD 8: Ores and Feed Stock for Copper Industry, its Metals/ Alloys and Products Sectional Committee

Scope: Standardization in the field of copper ores and other feed stock for copper industry and

standardization in the field of copper metals, their alloys and products

Liaison: **ISO TC-26 (O):** *Copper and copper alloys*

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S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 1028 : 1987	Specification for silicon bronze	March, 2021	-	Indigenous
	Reviewed In: 2021	ingots and castings (Second			
		Revision)			
2	IS 10569 : 2005	Aluminium bronze rods, bars and	March, 2021	-	Indigenous
	Reviewed In: 2021	sections - Specification (First			
		Revision)			
3	IS 10709 : 1983	Specification for brass wires for	March, 2021	1	Indigenous
	Reviewed In: 2021	fourdrinier cloth			
4	IS 10710 : 1983	Specification for phosphor bronze	March, 2021	2	Indigenous
	Reviewed In: 2021	wires used for fourdrinier cloth			
5	IS 10742 : 1983	Specification for cast gun metal	March, 2021	2	Indigenous
	Reviewed In: 2021	rods and bars			
6	IS 10757 : 1983	Specification for nickel silver rods	March, 2021	1	Not Equivalent
	Reviewed In: 2021	and bars			
	ISO 430				
7	IS 10773 : 1995	Wrought copper tubes for	March, 2021	1	Indigenous
	Reviewed In: 2021	refrigeration and air - Conditioning			
		purposes - Specification (First			
		Revision)			
8	IS 11109 : 1984	Specification for silicon brass	March, 2021	-	Indigenous
	Reviewed In: 2021	ingots and castings			
9	IS 12228 : 1987	Method for scale adhesion test for	March, 2021	-	Identical under dual
	ISO 4746 : 1977	oxygen - Free copper			numbering
	Reviewed In: 2021				
	ISO 4746 : 1977				
10	IS 12443 : 1988	Specification for rolled brass plates	March, 2021	-	Indigenous
	Reviewed In: 2021	for general engineering purposes			
11	IS 12444 : 2020	Copper Wire Rods for Electrical	August, 2024	-	Indigenous
		Applications — Specification (
	Reviewed In: 2024	First Revision)			
12	IS 12558 : 1988	Recommended shapes, sizes and	March, 2021	-	Indigenous
	Reviewed In: 2021	mass of copper and copper alloy			
		ingots for remelting purposes			
13	IS 1264 : 1997	Brass gravity die castings -	March, 2021	1	Indigenous
	Reviewed In: 2021	Specification (Fourth Revision)		1	
14	IS 1408 : 1968	Recommended procedure for	March, 2021	-	Indigenous
	Reviewed In: 2021	inspection of copper - Base alloy			
		sand castings (First Revision)			

15	IS 14340 : 1996 Reviewed In : 2021	Brass for current carrying parts in electrical wiring accessories - Specification	March, 2021	-	Indigenous
16	IS 1458 : 1965 Reviewed In : 2021	Railway Bronze Ingots And Casting (First Revision)	March, 2021	4	Indigenous
17	IS 14810 : 2000 Reviewed In : 2021	Copper tubes for plumbing - Specification	March, 2021	-	Indigenous
18	IS 14811 : 2000 Reviewed In : 2021	Rolled copper plate, sheet, strip and foils for general engineering purposes - Specification	March, 2021	-	Indigenous
19	IS 1545 : 1994 Reviewed In : 2021	Solid drawn copper and copper alloy tubes for condensers and heat exchangers - Specification (Third Revision)	March, 2021	-	Indigenous
20	IS 16872 : 2019 ISO 6957 : 1988 Reviewed In : 2023 ISO 6957:1988	Copper Alloys - Ammonia Test for Stress Corrosion Resistance	October, 2023	-	Identical under dual numbering
21	IS 1897 : 2008 Reviewed In : 2021	Copper strip for electrical purposes - Specification (Third Revision)	March, 2021	-	Indigenous
22	IS 191 : 2007 Reviewed In : 2021 ISO 197-1, ISO 197-2, ISO 431 ,ISO 1190-1 and IEC 60028	Copper - Specification (Fourth Revision)	March, 2021	2	Not Equivalent
23	IS 2283 : 2000 Reviewed In : 2021	Nickel silver sheet, strip and foil - Specification (Second Revision)	March, 2021	-	Indigenous
24	IS 2305 : 1988 Reviewed In : 2021 ISO 196	Method for mercurous nitrate test for copper and copper alloys (First Revision)	March, 2021	-	Not Equivalent
25	IS 2376 : 1963 Reviewed In : 2021	Colour code for the identification of copper and copper alloys	March, 2021	-	Indigenous
26	IS 2378 : 1974 Reviewed In : 2021 ISO 1190-1:1982	Code for designation of copper and copper alloys (First Revision)	March, 2021	-	Not Equivalent
27	IS 2451 : 1994 Reviewed In : 2021	Copper alloys - Nickel silver - Ingots and castings - Specification (First Revision)	March, 2021	1	Indigenous
28	IS 2501 : 1995 Reviewed In : 2021	Solid drawn copper tubesfor general engineering purposes - Specification (Third Revision)	March, 2021	-	Indigenous
29	IS 2603 : 1983 Reviewed In : 2021	Specification for copper anodes for electroplating (First Revision)	March, 2021	-	Indigenous
30	IS 2704 : 1983 Reviewed In : 2021	Specification for brass wires for cold - Headed and machined parts (First Revision)	March, 2021	1	Indigenous
31	IS 2768 : 1982 Reviewed In : 2021	Specification for copper alloy strip for bullet envelope (First Revision)	March, 2021	-	Indigenous
32	IS 28 : 1985 Reviewed In : 2021	Phosphor bronze ingots and castings	March, 2021	1	Indigenous
33	IS 2826 : 1986 Reviewed In : 2021	Dimensions and tolerances for copper and copper alloy rods and bars for general engineering purposes (Third Revision)	March, 2021	-	Indigenous
34	IS 288 : 1981 Reviewed In : 2021	Specification for arsenical copper rods for boiler stay bolts and rivets (Fourth Revision)	March, 2021	1	Indigenous
35	IS 291 : 1989	Naval brass rods and sections for	March, 2021	-	Indigenous

	Reviewed In: 2021	machining purposes - Specification (Third Revision)			
36	IS 292 : 1983 Reviewed In : 2021	Specification for leaded brass ingots and casting (Second Revision)	March, 2021	1	Indigenous
37	IS 304 : 1981 Reviewed In : 2021	Specification for high tensile brass ingots and castings (Second Revision)	March, 2021	-	Indigenous
38	IS 305 : 1981 Reviewed In : 2021	Specification for aluminium bronze ingots and castings (Second Revision)	March, 2021	-	Indigenous
39	IS 3051 : 1988 Reviewed In : 2021	Dimensions and tolerances for wrought copper and copper alloys plate (First Revision)	March, 2021	-	Indigenous
40	IS 3052 : 1986 Reviewed In : 2021	Dimensions and tolerances for wrought copper and copper alloy sheet, strip and foil for general engineering purposes (Second Revision)	March, 2021	-	Indigenous
41	IS 306 : 1983 Reviewed In : 2021	Specification for tin bronze ingots and castings (Third Revision)	March, 2021	1	Indigenous
42	IS 3091 : 1999 Reviewed In : 2021	Aluminium bronze ingots and castings for overhead fittings in electric traction - Specification (First Revision)	March, 2021	-	Indigenous
43	IS 3167 : 1982 Reviewed In : 2021	Specification for cap copper alloy strip (First Revision)	March, 2021	-	Indigenous
44	IS 3168 : 2024	Brass Strip and Foil for Deep Drawing - Specification (Second Revision)		-	Indigenous
45	IS 318 : 1981 Reviewed In : 2021	Specification for leaded tin bronze ingots and castings (Second Revision)	March, 2021	2	Indigenous
46	IS 319 : 2007 Reviewed In : 2022	Free cutting brass bars, rods and section - Specification (Fifth Revision)	March, 2022	-	Indigenous
47	IS 320 : 1980 Reviewed In : 2022	Specification for high tensile brass rods and sections (Other Than Forging Stock) (Second Revision)	March, 2022	1	Indigenous
48	IS 3288 (Part 1): 1986 Reviewed In: 2021 ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-4 and ISO 197-5	Glossary of terms relating to copper and copper alloys: Part 1 materials (Third Revision)	March, 2021	-	Not Equivalent
49	IS 3288 (Part 2): 1986 Reviewed In: 2021 ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-4 and ISO 197-6	Glossary of terms relating to copper and copper alloys: Part 2 unwrought and cast form	March, 2021	-	Not Equivalent
50	IS 3288 (Part 3): 1986 Reviewed In: 2021 ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-4 and ISO	Glossary of terms relating to copper and copper alloys: Part 3 wrought forms	March, 2021	-	Not Equivalent

18 2388 (Part 4) Glossary of terms relating to copper and copper alloys: Part 4 processing Part 5 processing Part 6	I	197-7	1		1	1
Reviewed In : 2021 150 197-3,	51		Glossary of terms relating to	March, 2021	-	Not Equivalent
ISO 1974. Jan		1986	copper and copper alloys: Part 4			
197-2, ISO 197-3, ISO 197-3, ISO 197-3, ISO 197-4 and ISO 197-1 ISO 197-1, ISO 197-1, ISO 197-3, ISO 197-1,		Reviewed In: 2021	processing			
Sci 197-4 and ISO 197-1, ISO 197-3, ISO 197-4,		ISO 197-1, ISO				
197-8		197-2, ISO 197-3,				
S2 88 (Part 5)		ISO 197-4 and ISO				
Copper and copper alloys: Part 5 heat treatment						
Reviewed In : 2021 heat treatment ISO 197-1, ISO 197-3, ISO 197-4 and ISO 197-9 186 Copper and copper alloys: Part 6 Faviswed In : 2021 SO 197-1, ISO 197-2, ISO 197-3, ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-1, ISO	52		-	March, 2021	-	Not Equivalent
ISO 197-1, ISO 197-3, ISO 197-3, ISO 197-4, ISO 197-4, ISO 197-6 ISO 197-6 ISO 197-6 ISO 197-6 ISO 197-6 ISO 197-7						
197-2, ISO 197-3, ISO 197-4 and ISO 197-9 1986 Reviewed In: 2021 ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-4 and ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-4 and ISO 197-2, ISO 197-3, ISO 197-3, ISO 197-4 and ISO 197-2, ISO 197-3, ISO 197-4 and ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-4 and ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-4 and ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-4 and ISO 197-2, ISO 197-3, ISO 197-4, ISO 197-2, ISO 197-2, ISO 197-2, ISO 197-2, ISO 197-3, ISO 197-4, ISO 197-2, ISO 197-2, ISO 197-3, ISO 197-3, ISO 197-4, ISO 197-4			heat treatment			
ISO 197-4 and ISO 197-8 ISO 197-8 ISO 197-1 IS		ISO 197-1, ISO				
197-9 S 3288 (Part 6) : 1986 Reviewed In : 2021 S 197-1, ISO 197-2, ISO 197-3, ISO 197-3, ISO 197-4 and ISO 197-1 SO 197-2, ISO 197-3, ISO 197-4 and ISO 197-1 SO 197-2, ISO 197-3, ISO 197-4 and ISO 197-1 SO 197-1, ISO 197-2, ISO 197-3, ISO 197-4, ISO 1						
S 3288 (Part 6): 1986 Clossary of terms relating to coper and copper alloys: Part 6 Finishes						
1986						
Reviewed In : 2021 S 288 (Part 7); Glossary of terms relating to coper and copper alloys: Part 8 Face and structural surface surface and struc	53			March, 2021	-	Not Equivalent
ISO 197-1, ISO 197-3, ISO 197-4 and ISO 197-2 ISO 197-3, ISO 197-4 and ISO 1986 Reviewed In : 2021 Copper and copper alloys: Part 7 Glossary of terms relating to copper and copper and structural characteristics 197-2, ISO 197-1, ISO 1986 Reviewed In : 2021 SO 197-1, ISO 197-3, ISO 197-3, ISO 197-4, and ISO 197-2, ISO 197-3, ISO 197-4, ISO 197-3, ISO 197-4, ISO 197-3, ISO 197-4, ISO 197-1, ISO 197-1, ISO 197-4, ISO 197-1, ISO 197-4, ISO 197-1, ISO 197-4, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-4, ISO 197-1, I						
197-2, ISO 197-3, ISO 197-10 1986 197-10 1986 197-10 1986 197-10 1986 197-11 150 197-1, ISO 197-4, ISO 197-3, ISO 197-4 and ISO 197-1 150 197-1, ISO 197-2, ISO 197-3, ISO 197-1 and ISO 197-12 1986 197-2, ISO 197-3, ISO 197-1 and ISO 197-1, ISO 197-1			finishes			
ISO 197-4 and ISO 197-1 ISO 1986 Reviewed In : 2021 ISO 197-1, ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-1, ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-2, ISO 197-3, ISO 197-4 and ISO 197-12 ISO 197-1, ISO 197-1		,				
197-10 193288 (Part 7) 1986 197-12 1986 197-13 1986 197-13 1986 197-13 1986 197-14 1986 197-14 1986 197-14 1986 197-15 1986 197-2 180 197-3 1986 197-13 1986 197-13 1986 197-14 1986 197-15 1986 197-15 1986 197-15 1986 197-16 1986 197-16 1986 197-16 1986 197-17 1800 197-17 1800 197-18 180 197-18 180 197-18 180 197-18 180 197-18 180 197-18 180 197-19 180 197-12 180 197-12 180 197-12 180 197-12 180 197-12 180 197-12 180 197-12 180 197-12 180 197-12 180 197-12 180 197-13 180 197-14 180 197-14 180 197-15 180						
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Reviewed In: 2021 dimensional surface and structural characteristics 197-2, ISO 197-3, ISO 197-1, ISO 197-1, ISO 197-11 55 IS 2388 (Part 8): Glossary of terms relating to copper and copper alloys: Part 8 packing So 197-1, ISO 197-3, ISO 197-3, ISO 197-3, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-1, ISO 197-2, ISO 197-3, ISO 197-4 and ISO 197-12 56 IS 3331: 2007 Reviewed In: 2022 Copper and brass strips/foils for radiator cores - Specification (Second Revision) 57 IS 407: 1981 Specification for brass tubes for Reviewed In: 2021 general purposes (Third Revision) 58 IS 4076: 1983 Reviewed In: 2021 springs and other special purposes (First Revision) 59 IS 410: 1977 Reviewed In: 2021 Specification for cold rolled brass sheet, strip and foil (Third Revision) 60 IS 4131: 1967 Specification for inckel - Copper March, 2021 2 Indigenous sheet, strip and foil (Third Revision) 61 IS 4170: 1983 Specification for rickel - Copper March, 2021 2 Indigenous Reviewed In: 2021 Specification for rolled brass sheet, strip and foil (Third Revision) 62 IS 4171: 1983 Specification for rolses for general engineering purposes (First Revision) 63 IS 422: 1981 Reviewed In: 2021 Specification for brass sheet and Specification for	54	` ′		March, 2021	-	Not Equivalent
SO 197-1, ISO 197-2, ISO 197-3, ISO 197-3 and ISO 197-197-11 1986 Reviewed In : 2021 SO 197-1, ISO 197-4 and ISO 197-12						
197-2, ISO 197-3, ISO 197-4 and ISO 197-11						
ISO 197-4 and ISO 197-11 S3288 (Part 8):			characteristics			
197-11 55						
S5						
Copper and copper alloys: Part 8 Reviewed In : 2021 SO 197-1, ISO 197-3, ISO 197-4 and ISO 197-12 SO 197-1	55		Classery of terms relating to	March 2021		Not Equivalent
Reviewed In : 2021 SO 197-1, ISO 197-2, ISO 197-3, ISO 197-4 and ISO 197-12	33			March, 2021	-	Not Equivalent
SO 197-1, ISO 197-3, ISO 197-3, ISO 197-4 and ISO 197-12						
197-2, ISO 197-3, ISO 197-3, ISO 197-4 and ISO			packing			
ISO 197-4 and ISO 197-12 Second Reviewed In : 2022 Copper and brass strips/foils for radiator cores - Specification (Second Revision) Second Revision Specification for brass tubes for Reviewed In : 2021 Specification for brass tubes for Reviewed In : 2021 Specification for brass wires for Reviewed In : 2021 Specification for cold rolled brass sheet, strip and foil (Third Revision) Specification for rold rolled brass sheet, strip and foil (Third Revision) Reviewed In : 2021 Specification for rolled rolled brass sheet, strip and foil (Third Revision) Specification for rolled rolled brass sheet, strip and foil (Third Revision) Specification for rolled rolled brass sheet, strip and foil (Third Revision) Specification for rolled rolled brass sheet, strip and foil (Third Revision) Specification for rolled rolled brass sheet, strip and foil (Third Revision) Specification for rolled rolled brass sheet, strip and foil (Third Revision) Specification for rolled rolled brass sheet, strip and foil (Third Revision) Specification for brass rods for Reviewed In : 2021 Specification for brass rods for Reviewed In : 2021 Specification for copper rods and Reviewed In : 2021 Specification for copper rods and Reviewed In : 2021 Specification for brass sheet and Reviewed In : 2021 Specification for brass sheet and Reviewed In : 2021 Specification for brass sheet and Specification for copper wires for March, 2021 Indigenous Specification for copper wires for March, 2021 Indigenous Indigenous Specification for copper wires for March, 2021 Indigenous Indigenous Specification for copper wires for March, 2021 Indigenous Indigenous Specification for copper wires for March, 2021 Indigenous Indigenous Specification for copper wires for March, 2021 Indigenous Indigenous Specification for copper wires for March, 2021 Indigenous Indigenous Specification for copper wires for March, 2021 Indigenous Indigenous Indigenous Indigenous Indigenous Indigenous Indigenous Indigenous Indigeno						
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Second Revision Specification for brass tubes for general purposes (Third Revision) Specification for brass wires for general purposes (Third Revision) Specification for brass wires for springs and other special purposes (First Revision) Specification for cold rolled brass sheet, strip and foil (Third Revision) Specification for nickel - Copper Reviewed In : 2021 Specification for nickel - Copper Reviewed In : 2021 Specification for nickel - Copper Reviewed In : 2021 Specification for brass rods for Reviewed In : 2021 Specification for brass rods for Reviewed In : 2021 Specification for copper rods and Reviewed In : 2021 Specification for copper rods and Reviewed In : 2021 Specification for brass rods for general engineering purposes (First Revision) Specification for brass sheet and Reviewed In : 2021 Specification for brass sheet and Reviewed In : 2021 Specification for brass sheet and Reviewed In : 2021 Specification for brass sheet and Reviewed In : 2021 Specification for brass sheet and Reviewed In : 2021 Specification for brass sheet and Reviewed In : 2021 Specification for copper wires for Specification for			**	,		
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Reviewed In : 2021 general purposes (Third Revision)	57	IS 407 : 1981		March, 2021	2	Indigenous
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Seviewed In : 2021 Specification for cold rolled brass sheet, strip and foil (Third Revision) Specification for nickel - Copper alloy castings March, 2021 - Indigenous		Reviewed In: 2021	-			
Reviewed In: 2021			(First Revision)			
Revision) 60 IS 4131: 1967 Specification for nickel - Copper alloy castings 61 IS 4170: 1967 Specification for brass rods for Reviewed In: 2021 general engineering purposes 62 IS 4171: 1983 Specification for copper rods and Reviewed In: 2021 bars for general engineering purposes (First Revision) 63 IS 422: 1981 Specification for brass sheet and Reviewed In: 2021 strip for the manufacture of utensils (Second Revision) 64 IS 4412: 1981 Specification for copper wires for March, 2021 Reviewed In: 2021 Indigenous March, 2021 - Indigenous March, 2021 - Indigenous	59		-	March, 2021	2	Indigenous
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61 IS 4170: 1967 Specification for brass rods for Reviewed In: 2021 general engineering purposes 62 IS 4171: 1983 Specification for copper rods and Reviewed In: 2021 bars for general engineering purposes (First Revision) 63 IS 422: 1981 Specification for brass sheet and Reviewed In: 2021 strip for the manufacture of utensils (Second Revision) 64 IS 4412: 1981 Specification for copper wires for March, 2021 1 Indigenous	60			March, 2021	-	Indigenous
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Reviewed in : 2021 general engineering purposes (First)	64			waren, 2021		indigenous
i i li		Kevieweu iii : 2021	general engineering purposes (First			1

	l	Revision)		1 1	
65	IS 4413 : 1981	Specification for brass wires for	March, 2021	1	Indigenous
	Reviewed In: 2021	general engineering purposes (First	, .		<i>8</i>
		Revision)			
66	IS 4519 : 1977	Dimensions for copper	March, 2021	-	Indigenous
	Reviewed In: 2021	commutator bars (First Revision)	, .		B
67	IS 5053 : 1969	Dimensions for wrought copper	March, 2021	_	Indigenous
07	Reviewed In: 2021	and copper alloy rods for fasteners	1,141011, 2021		maigenous
68	IS 531 : 1981	Specification for leaded brass strip	March, 2021	_	Indigenous
00	Reviewed In: 2021	for instrument parts (Second	Waren, 2021		margenous
	Reviewed III . 2021	Revision)			
69	IS 5493 : 1981	Dimensions for wrought copper	March, 2021	_	Indigenous
0)	Reviewed In: 2021	and copper alloy tubes (First	Waren, 2021		margenous
	Reviewed III : 2021	Revision)			
70	IS 5743 : 1991	Copper master alloys (First	March, 2021		Indigenous
70	Reviewed In : 2021	Revision)	March, 2021	-	margenous
71	IS 5744 : 1991	Copper alloy screwed ferrules for	March, 2021	1	Indigenous
/ 1	Reviewed In : 2021	condenser, heater and cooler tubes	Maich, 2021	1	margenous
	Reviewed III . 2021	- Specification (First Revision)			
72	IS 5885 : 1977	Specification for copper	March, 2021		Indiganous
12	Reviewed In : 2021	commutator bar (First Revision)	iviai CII, 2021	-	Indigenous
73	IS 613 : 2000	Copper rods and bars for electrical	March, 2021	2	Indiannous
13	Reviewed In : 2021	purposes - Specification (Third	March, 2021	۷	Indigenous
	Reviewed III: 2021				
74	IS 6912 : 2005	Revision) Copper and copper alloys forging	March, 2021	1	Indiannous
/4	Reviewed In : 2021		March, 2021	1	Indigenous
	Reviewed III: 2021	stock and forging - Specification			
75	IC 7/00 1007	(Second Revision)	M	1	T., 4'
75	IS 7608 : 1987	Specification for phosphor bronze	March, 2021	1	Indigenous
	Reviewed In: 2021	wire for general engineering			
7.0	IS 7811 : 2019	purposes (First Revision)	0-4-1 2022		T., 4'
76	15 /811 : 2019	Phosphor bronze rods and bars	October, 2023	-	Indigenous
	D : 11 2022	(Second Revision)			
	Reviewed In : 2023	DI I I I I I I	N 1 2021	1	τ 1'
77	IS 7814 : 2005	Phosphor bronze sheet, strip and	March, 2021	1	Indigenous
	Reviewed In: 2021	foil - Specification (Second			
	IC 0220 2007	Revision)	1 2022		Y 1'
78	IS 8328 : 2007	Free cutting copper bars, rods and	March, 2022	-	Indigenous
	Reviewed In: 2022	sections - Specification (First			
70	IC 02/2 1077	Revision)	N 1 2021		τ 1'
79	IS 8362 : 1977	Specification for copper and	March, 2021	-	Indigenous
	Reviewed In: 2021	copper alloy rolled plates for			
-00	IC 0264 1000	condensers and heat exchangers	M 1 2021		T., 1'
80	IS 8364 : 1989	Free cuttxng brass wire	March, 2021	-	Indigenous
	Reviewed In: 2021	specification (First Revision)			· ··
81	IS 8365 : 1991	Copper alloys for spot and seam	March, 2021	-	Indigenous
	Reviewed In: 2021	resistance welding electrodes (First			
	YO 0.524 - 555	Revision)			· ··
82	IS 8631 : 2024	Copper Base Alloys for Marine		-	Indigenous
		Propellers - Specification (First			
	***	Revision)			
83	IS 8859 : 2024	Cast Copper Tuyere - Specification		-	Indigenous
		(First Revision)			
84	IS 9682 : 1980	Recommended procedure for	March, 2021	-	Indigenous
	Reviewed In: 2021	inspection of cast copper tuyeres			
85	IS 9713 : 1983	Specification for hot - Rolled	March, 2021	-	Indigenous
	Reviewed In: 2021	electrolytic copper wire rods for			
	i e	electrical conductors (First		1	
		`			
86	IS 9805 : 1981	Revision) Specification for high conductivity	March, 2021		Indigenous

		Reviewed In: 2021	copper castings			
ſ	87	IS 9861 : 1981	Dimensions for wrought copper	March, 2021	=	Not Equivalent
1		Reviewed In: 2021	and copper alloy wires for general			
١		ISO 3492 : 1982	engineering purposes			

Standards under Development

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

	Preliminary Draft Standards			
SI. No.	Doc No.	Title		
1	MTD 8 (26512) Revision	Copper Wire Rods for Electrical Applications Specification		
	of: IS 12444:2020			

	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	MTD 8 (21601)	Specification for copper commutator bar Second Revision		
2	MTD 8 (22251)	Grading testing and acceptance of copper and copper alloy scrap guidelines		
3	MTD 8 (23708)	Copper Alloy Ingots and Castings - Specification Fifth Revision		
4	MTD 8 (23710)	Copper and brass strips foils for radiator cores - Specification Third Revision		
5	MTD 8 (24431)	Copper plate sheet strip and foil for electrical purposes - Specification Fourth Revision		

	Finalized Draft Indian Standard			
SI. No.	Doc No.	Title		
1	MTD 8 (12229) Revision	Copper and Copper Alloys Forging Stock and Forging Specification Third Revision		
	of: IS 6912:2005			
2	MTD 8 (21605) Revision	Specification for copper and copper alloy rolled plates for condensers and heat exchangers First		
	of: IS 8362:1977	Revision		

Finalized Draft Indian Standards under Print				
SI. No.	Doc No.	Title		
No Records Found				

Total Published Standards:86 Total Standards Under development:8

Aspect Wise Report

Product: 65
Code of Practices: 4
Methods of Test: 3
Terminology: 8
Dimensions: 6
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 10723 : 1983	Aluminium silicon bronze rods and bars	
	Reviewed In: 2004		
2	IS 1138 : 1958	Sizes of metal strip sheet brass round square flats and plate for structural and general engineering purpose	
3	IS 12444 : 1988	Copper Wire Rods for Electrical Applications Specification First Revision	
	ISO 7240-24		
4	IS 1385 : 1968	Phosphor bronze rods and bars sheet and strip and wire	
5	IS 1550 : 1967 Reviewed In : 1996	Copper sheet and strip for utensils and for general purposes	
6	IS 1972 : 1989 Reviewed In : 1996	Copper plate sheet and strip for industrial purposes	
7	IS 2313 : 1963	Phosphor Copper Ingot	
8	IS 2371 : 1973	Solid drawn copper alloy tubes for condensers evaporators heaters and cooler tubes using saline hard water	
9	IS 2456 : 1963	Brass Strip For Pen Nibs	
10	IS 3057 : 1965	Copper sheets for photo process engravings	
11	IS 3285 : 1965	Copper Strip For Electrical Purposes Withdrawn Or Rolled Edged above 150 Mm Width	
12	IS 3332 : 1965	Nickel silver strip and foil for telecommunication purposes	
13	IS 3487 : 1994 Reviewed In : 1999	Copper-cold Rolled Strip And Foil For Gaskets Washers And Eyelets	
14	IS 3488 : 1980	Brass Bars Rods And Sections Suitable For Forging	
15	IS 4077 : 1967	Copper-nickel Shot	
16	IS 5494 : 1969	Leaded brass sheets and strips for use in manufacture of tubewell strainers	

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 1028 : 1987	Specification for silicon bronze ingots and castings Second Revision
	Reviewed In: 2021	
2	IS 10569 : 2005	Aluminium bronze rods bars and sections - Specification First Revision
	Reviewed In: 2021	
3	IS 10709 : 1983	Specification for brass wires for fourdrinier cloth
	Reviewed In: 2021	
4	IS 10710 : 1983	Specification for phosphor bronze wires used for fourdrinier cloth
	Reviewed In: 2021	
5	IS 10742 : 1983	Specification for cast gun metal rods and bars
	Reviewed In: 2021	
6	IS 10757 : 1983	Specification for nickel silver rods and bars
	Reviewed In: 2021 ISO 430	
7	IS 10773 : 1995	Wrought copper tubes for refrigeration and air - Conditioning purposes - Specification First
	Reviewed In: 2021	Revision
		Specification for silicon brass ingots and castings

8	IS 11109 : 1984	
	Reviewed In: 2021	
9	IS 12443 : 1988	Specification for rolled brass plates for general engineering purposes
	Reviewed In: 2021	
10	IS 12558 : 1988	Recommended shapes sizes and mass of copper and copper alloy ingots for remelting purposes
	Reviewed In: 2021	
11	IS 1264 : 1997	Brass gravity die castings - Specification Fourth Revision
	Reviewed In: 2021	
12	IS 14340 : 1996	Brass for current carrying parts in electrical wiring accessories - Specification
	Reviewed In: 2021	
13	IS 1458 : 1965	Railway Bronze Ingots And Casting First Revision
	Reviewed In: 2021	a may to a getter to the control of
14	IS 14810 : 2000	Copper tubes for plumbing - Specification
	Reviewed In: 2021	
15	IS 14811 : 2000	Rolled copper plate sheet strip and foils for general engineering purposes - Specification
	Reviewed In: 2021	rioned copper pine ones outp and rone for general engineering purposes.
16	IS 1545 : 1994	Solid drawn copper and copper alloy tubes for condensers and heat exchangers - Specification
	Reviewed In: 2021	Third Revision
17	IS 1897 : 2008	Copper strip for electrical purposes - Specification Third Revision
]	Reviewed In: 2021	copper surp for electrical purposes—specification find techsion
18	IS 191 : 2007	Copper - Specification Fourth Revision
	Reviewed In : 2021 ISO	Copper Specification Fourth Revision
	197-1, ISO 197-2, ISO 431	
	ISO 1190-1 and IEC 60028	
19	IS 2283 : 2000	Nickel silver sheet strip and foil - Specification Second Revision
	Reviewed In: 2021	Transfer short ship and for specification second revision
20	IS 2451 : 1994	Copper alloys - Nickel silver - Ingots and castings - Specification First Revision
	Reviewed In: 2021	Copper uno 30 Tricker on tel Ingolo and eastings openited on Thot Revision
21	IS 2501 : 1995	Solid drawn copper tubesfor general engineering purposes - Specification Third Revision
	Reviewed In: 2021	and any office more Server as Server
22	IS 2603 : 1983	Specification for copper anodes for electroplating First Revision
	Reviewed In: 2021	
23	IS 2704 : 1983	Specification for brass wires for cold - Headed and machined parts First Revision
	Reviewed In: 2021	
24	IS 2768 : 1982	Specification for copper alloy strip for bullet envelope First Revision
	Reviewed In: 2021	
25	IS 28 : 1985	Phosphor bronze ingots and castings
	Reviewed In: 2021	
26	IS 288: 1981	Specification for arsenical copper rods for boiler stay bolts and rivets Fourth Revision
	Reviewed In: 2021	
27	IS 291 : 1989	Naval brass rods and sections for machining purposes - Specification Third Revision
	Reviewed In: 2021	
28	IS 292 : 1983	Specification for leaded brass ingots and casting Second Revision
	Reviewed In: 2021	
29	IS 304 : 1981	Specification for high tensile brass ingots and castings Second Revision
	Reviewed In: 2021	
30	IS 305 : 1981	Specification for aluminium bronze ingots and castings Second Revision
	Reviewed In: 2021	
31	IS 3051 : 1988	Dimensions and tolerances for wrought copper and copper alloys plate First Revision
	Reviewed In: 2021	
32	IS 306 : 1983	Specification for tin bronze ingots and castings Third Revision
	Reviewed In: 2021	
33	IS 3091 : 1999	Aluminium bronze ingots and castings for overhead fittings in electric traction - Specification First
	Reviewed In: 2021	Revision
34	IS 3167 : 1982	Specification for cap copper alloy strip First Revision
	Reviewed In: 2021	
35	IS 3168 : 2024	Brass Strip and Foil for Deep Drawing - Specification Second Revision
36	IS 318 : 1981	Specification for leaded tin bronze ingots and castings Second Revision
I	1	

	Reviewed In: 2021	
37	IS 319 : 2007	Free cutting brass bars rods and section - Specification Fifth Revision
	Reviewed In: 2022	
38	IS 320 : 1980	Specification for high tensile brass rods and sections Other Than Forging Stock Second Revision
	Reviewed In: 2022	
39	IS 3331 : 2007	Copper and brass strips foils for radiator cores - Specification Second Revision
	Reviewed In: 2022	
40	IS 407 : 1981	Specification for brass tubes for general purposes Third Revision
	Reviewed In: 2021	
41	IS 4076 : 1983	Specification for brass wires for springs and other special purposes First Revision
	Reviewed In: 2021	
42	IS 410 : 1977	Specification for cold rolled brass sheet strip and foil Third Revision
	Reviewed In: 2021	
43	IS 4131 : 1967	Specification for nickel - Copper alloy castings
	Reviewed In: 2021	
44	IS 4170 : 1967	Specification for brass rods for general engineering purposes
	Reviewed In: 2021	
45	IS 4171 : 1983	Specification for copper rods and bars for general engineering purposes First Revision
	Reviewed In: 2021	
46	IS 422 : 1981	Specification for brass sheet and strip for the manufacture of utensils Second Revision
	Reviewed In: 2021	The state of the s
47	IS 4412 : 1981	Specification for copper wires for general engineering purposes First Revision
.,	Reviewed In: 2021	Specification to respect three for general engineering purposes 1 most to 1 months.
48	IS 4413 : 1981	Specification for brass wires for general engineering purposes First Revision
10	Reviewed In: 2021	Specification for stass wires for general engineering purposes finst revision
49	IS 531 : 1981	Specification for leaded brass strip for instrument parts Second Revision
17	Reviewed In: 2021	Specification for leaded orago surp for instrument parts become fevroren
50	IS 5743 : 1991	Copper master alloys First Revision
20	Reviewed In: 2021	copper master anoys ring ne vision
51	IS 5744 : 1991	Copper alloy screwed ferrules for condenser heater and cooler tubes - Specification First Revision
<i>31</i>	Reviewed In: 2021	expert and sere wed retrains for condenser heater and coster tubes. Specification 1 hist revision
52	IS 5885 : 1977	Specification for copper commutator bar First Revision
	Reviewed In: 2021	art to the control of
53	IS 613 : 2000	Copper rods and bars for electrical purposes - Specification Third Revision
	Reviewed In: 2021	Topper some and and are are are a pro-
54	IS 6912 : 2005	Copper and copper alloys forging stock and forging - Specification Second Revision
-	Reviewed In: 2021	
55	IS 7608 : 1987	Specification for phosphor bronze wire for general engineering purposes First Revision
	Reviewed In: 2021	
56	IS 7811 : 2019	Phosphor bronze rods and bars Second Revision
	Reviewed In: 2023	
57	IS 7814 : 2005	Phosphor bronze sheet strip and foil - Specification Second Revision
	Reviewed In: 2021	
58	IS 8328 : 2007	Free cutting copper bars rods and sections - Specification First Revision
	Reviewed In: 2022	
59	IS 8362 : 1977	Specification for copper and copper alloy rolled plates for condensers and heat exchangers
	Reviewed In: 2021	
60	IS 8364 : 1989	Free cuttxng brass wire specification First Revision
	Reviewed In: 2021	
61	IS 8365 : 1991	Copper alloys for spot and seam resistance welding electrodes First Revision
	Reviewed In: 2021	
62	IS 8631 : 2024	Copper Base Alloys for Marine Propellers - Specification First Revision
63	IS 8859 : 2024	Cast Copper Tuyere - Specification First Revision
64	IS 9713 : 1983	Specification for hot - Rolled electrolytic copper wire rods for electrical conductors First Revisio
	Reviewed In: 2021	
65	IS 9805 : 1981	Specification for high conductivity copper castings

Reviewed In ·	2021