BUREAU OF INDIAN STANDARDS

Program of Work

MTD 24: Corrosion Protection and Finishes Sectional Committee

Scope: Standardization in the field of corrosion, passivation and protection of metals, metal products

in different applications, characteristics of protective and decorative metallic coatings, anodic oxide coatings, applied by electrolysis, hot dipping, thermal spraying, chemical means their

testing and inspection methods

Liaison: ISO TC-107 (P): Metallic and other inorganic coatings ISO TC-107

SC-3 (O): Electrodeposited coatings and related finishes ISO TC-107 SC-4 (O): Hot dip

coatings (galvanized, etc.) ISO TC-107 SC-7 (O): Corrosion tests ISO TC-107

SC-8 (O): Chemical conversion coatings ISO TC-107 SC-9 (P): Physical vapor deposition coatings ISO TC-156 (P): Corrosion of metals and alloys ISO TC-156 SC-1 (O): Corrosion control engineering life cycle ISO TC-79 SC-2 (P): Organic and anodic oxidation coatings on

aluminium

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y No. of Amds		Eqv.
1	IS 10117 : 2000	Code of practice for passivation of	March, 2021	-	Indigenous
	Reviewed In: 2021	stainless steel articles, industrial			
		equipments and components			
		including pipelines (First Revision)			
2	IS 10173 : 1982	Recommended practice for	March, 2021	-	Indigenous
	Reviewed In: 2021	preparation of zinc alloy die			
		castings for electroplating			
3	IS 10209 : 1982	Specification for electroplated	March, 2021	-	Indigenous
	Reviewed In: 2021	coatings of Tin - Lead alloys			
		(Solder)			
4	IS 10221 : 2008	Coating and wrapping of	March, 2021	-	Indigenous
	Reviewed In: 2021	underground mild steel pipelines -			
		Code of practice (First Revision)			
5	IS 10461 (Part 1):	Resistance to inter - Granular	March, 2021	-	Not Equivalent
	1994	corrosion of austenitic stainless			
	Reviewed In: 2021	steels - Method for determination -			
	ISO 3651	Part 1 : corrosion test in nitric acid			
		medium by measurement of loss in			
		mass (Huey Test) (First Revision)			
6	IS 10461 (Part 2):	Resistance to intergranular	March, 2021	-	Not Equivalent
	1994	corrosion of austenitic stainless			
	Reviewed In: 2021	steels - Method for determination:			
	ISO 3651	Part 2 corrosion test in a sulphuric			
		acid/copper sulphate medium in			
		the presence of copper turnings			
		(Monypenny Strauss Test) in the			
		presence of copper turnings			
		(Monypenny Strauss Test) (First			

I	l	Revision)		1 1	
7	IS 10471 : 1983	Recommended practice for	November, 2023	-	Indigenous
	Reviewed In: 2023	corrosion prevention in electronic	,		C
		component and assemblies			
8	IS 10493 : 1983	Method for corrosion protection	November, 2023	-	Indigenous
	Reviewed In: 2023	tests for temporary corrosion	, , , , , , , , , , , , , , , , , , , ,		<i>G</i>
		preventives			
9	IS 1067 : 1981	Specification for electroplated	March, 2021	_	Indigenous
	Reviewed In: 2021	coatings of silver for decorative	,		8
		and protective purposes (Second			
		Revision)			
10	IS 1068 : 1993	Electroplated coatings of nickel	March, 2021	1	Not Equivalent
	Reviewed In: 2021	plus chromium and copper plus	,		1
	ISO 1456	nickel plus chromium -			
		Specification (Third Revision)			
11	IS 11232 : 1985	Specification for chromate	November, 2023	-	Indigenous
-	Reviewed In: 2023	conversion coatings on aluminium	,		G
12	IS 11268 : 1985	Estimation of loss of absorptive	March, 2021	-	Not Equivalent
	Reviewed In: 2021	power of anodic oxide coatings	,		1
	ISO 2143	after sealing - Dye spot test with			
		prior acid treatment for anodized			
		aluminium and its alloys			
13	IS 11579 : 1986	Recommended practice for	November, 2023	-	Indigenous
L	Reviewed In: 2023	chromate treatments of aluminium			
14	IS 11598 (Part 1):	Code of practice for corrosion	November, 2023	-	Indigenous
	1986	protection in fertilizer plants: Part			
	Reviewed In: 2023	1 phosphoric acid plant			
15	IS 11759 : 1986	Code of practice for repair of	March, 2021	-	Indigenous
	Reviewed In: 2021	damaged hot-dip galvanized			
		coatings			
16	IS 11812 : 1986	Recommended practice for	March, 2021	-	Indigenous
	Reviewed In: 2021	safeguarding against warpage and			
		distortion of hot dip galvanized			
		articles			
17	IS 11826 : 1986	Recommended practice for	March, 2021	-	Indigenous
	Reviewed In: 2021	chemical colouring for engineering			
		components in general and for			
<u> </u>		bicycle components			
18	IS 11857 : 1986	Specification for anodized wrought	March, 2021	-	Indigenous
	Reviewed In: 2021	aluminium for external			
10	TO 11064 1006	architectural applications	Nr. 1 2024		T 1'
19	IS 11864 : 1986	Recommended construction	March, 2021	-	Indigenous
	Reviewed In: 2021	practice of apparatus for spray			
20	IC 10202 - 1000	cabinet for various salt spray tests	March 2021		Not Eminet
20	IS 12393 : 1988	Specification for electroplated	March, 2021	-	Not Equivalent
	Reviewed In: 2021	coatings of nickel			
21	ISO 1456 IS 12560 : 1988	Code of practice for cathodic	March, 2021		Indigenous
41	Reviewed In : 2021	protection of heat exchangers and	iviaicii, 2021	-	margenous
	ixevieweu iii . 2021	condensers			
22	IS 12643 : 1989	Corrosion protection of steel by	March, 2021		Indigenous
~~	Reviewed In : 2021	fibreglass reinforced polyester	1V1a1CII, 2U21	-	muigenous
	ixevieweu iii . 2021	lining - Code of practice			
23	IS 12753 : 1989	Electrogalvanized coatings on	March, 2021	_	Indigenous
	Reviewed In : 2021	round steel wire - Specification	17101011, 2021		maigonous
24	IS 13147 : 1991	Black oxide coating on stainless	March, 2021	_	Indigenous
~ '	Reviewed In: 2021	steel parts - Specification	2021		margonous
25	IS 13177 : 1991	Passivation of stainless steel parts -	March, 2021	-	Indigenous
	Reviewed In: 2021	Specification	· , · ·		G
		'		1	

26	IS 13212 : 1991	Black oxide coating for iron and	March, 2021	-	Indigenous
	Reviewed In: 2021	steel parts - Specification			
27	IS 1327 : 1988	Methods of determination of mass	March, 2021	-	Indigenous
	Reviewed In: 2021	of tin coating on tinplate (Third			
		Revision)			
28	IS 1337 : 1993	Electroplated coatings of hard	March, 2021	1	Indigenous
	Reviewed In: 2021	chromium for engineering			
		purposes (Third Revision)			
29	IS 1340 : 1977	Code of practice for chromate	March, 2021	-	Indigenous
	Reviewed In: 2021	conversion coating on zinc and			
		cadmium coated articles and zinc			
		base alloys (First Revision)			
30	IS 13515 : 1992	Rust converters - Specification	November, 2023	-	Indigenous
	Reviewed In: 2023	_			
31	IS 1359 : 1992	Electroplated coatings of tin -	March, 2021	-	Not Equivalent
	Reviewed In: 2021	Specification (Third Revision)	,		
	ISO 2093	, ,			
32	IS 13647 : 1993	Electroplated coatings of rhodium	March, 2021	_	Indigenous
	Reviewed In: 2021	for engineering purposes -			
	iteviewed iii : 2021	Specification			
33	IS 13677 : 1993	Electroless nickel - Phosphorus	March, 2021		Not Equivalent
33	Reviewed In : 2021	coatings - Specification	March, 2021		1 Vot Equivalent
	ISO 4527	coatings - Specification			
34	IS 1378 : 1987	Specification for oxidized - Copper	March, 2021		Indigenous
34		finishes (Third Revision)	Maich, 2021	-	margenous
35	Reviewed In: 2021 IS 14126: 2019		Echmony 2024		Identical under dual
33		Metallic coatings - Measurement of	February, 2024	-	
	ISO 2177: 2003	coating thickness - Coulometric			numbering
	Reviewed In : 2024	method by anodic dissolution (First			
26	ISO 2177:2003	Revision)	N. 1 2021		71 1 1 1
36	IS 14149 : 2008	Metallic and non - Metallic coating	March, 2021	-	Identical under dual
	ISO 3543:1981	- Measurement of thickness - Beta			numbering
	Reviewed In: 2021	backscatter method (First			
	ISO 3543:2000	Revision)			
37	IS 14191 : 2024	Corrosion of Metals and Alloys		-	Identical under dual
	ISO 9223 : 2012	â€" Corrosivity of Atmospheres			numbering
	ISO 9223 : 2012	â€" Classification, Determination			
		and Estimation (First Revision)			
38	IS 14297 : 2024	Corrosion of Metals and Alloys		-	Identical under dual
	ISO 9226 : 2012	â€" Corrosivity of Atmospheres			numbering
	ISO 9226 : 2012	â€" Determination of Corrosion			
		Rate of Standard Specimens for the			
		Evaluation of Corrosivity (First			
		Revision)			
39	IS 14321 : 2024	Corrosion of Metals and Alloys	<u> </u>	-	Identical under dual
	ISO 9224 : 2012	â€" Corrosivity of Atmospheres			numbering
	ISO 9224 : 2012	â€" Guiding Values for the			
		Corrosivity Categories (First			
		Revision)			
40	IS 14321 : 1995	Corrosion of metals and alloys -	March, 2021	-	Identical under dual
	Reviewed In: 2021	Recommended values for the	,		numbering
	ISO 9224 : 2012	corrosivity categories of			
		atmospheres			
41	IS 14322 : 2024	Corrosion of metals and alloys -		_	Identical under dual
	ISO 9225 : 2012	Corrosivity of atmospheres -			numbering
	ISO 9225 : 2012	Measurement of environmental			indiniooning
	100 7223 , 2012	parameters affecting corrosivity of			
		atmospheres (First Revision)			
42	IS 14503 : 1998	Testing of phosphate coatings	March, 2021	1	Indigenous
→ ∠	Reviewed In : 2021	methods	1v1a1C11, 2U21		murgenous
	Reviewed III . 2021	memous		+	

I 42	10 15227 2002		N 1 2022	l ₁	1 7 1
43	IS 15337 : 2003	Coal tar based anticorrosion tape	November, 2023	1	Indigenous
	Reviewed In: 2023	for protection of underground mild			
<u> </u>	YO 4 7 (70 (70) 4)	steel pipelines - Specification	37 1 2021		
44	IS 15659 (Part 1):	Petroleum and natural gas	March, 2021	-	Not Equivalent
	2006	industries - External coatings for			
	Reviewed In: 2021	burried or submerged pipelines			
	ISO 21809-1	used in pipeline transportation of			
		gas and liquid hydrocarbons: Part 1			
		polyolefin coatings (3 Layer PE			
<u></u>		And 3 Layer PP)	3.5 1.0001		
45	IS 15659 (Part 2):	Petroleum and natural gas	March, 2021	-	Not Equivalent
	2006	industries - External coatings for			
	Reviewed In: 2021	burried or submerged pipelines			
	ISO 21809-2	used in pipeline transportation of			
		gas and liquid hydrocarbons: Part 2			
		fusion bonded epoxy coatings			
46	IS 1572 : 1986	Specification for electroplated	March, 2021	1	Not Equivalent
	Reviewed In: 2021	coatings of cadmium on iron and			
	ISO 2082	steel (Second Revision)			
47	IS 1573 : 1986	Specification for electroplated	March, 2021	-	Not Equivalent
	Reviewed In: 2021	coatings of zinc on iron and steel			
	ISO 19598	(Second Revision)			
48	IS 16854 : 2018	Single pack zinc rich coating for	September, 2023	-	Indigenous
		cold application - Specification			
	Reviewed In: 2023				
49	IS 17175 : 2020	Steel â€" Measurement Method		-	Identical under dual
	ISO 16573 : 2015	for the Evaluation of Hydrogen			numbering
	ISO 16573:2015	Embrittlement Resistance of High			
		Strength Steels			
50	IS 1771 : 1986	Specification for electroplated	March, 2021	-	Indigenous
	Reviewed In: 2021	coatings of silver and silver alloys			
		for general engineering purposes			
		(Second Revision)			
51	IS 1772 : 2024	ELECTROPLATED COATINGS		-	Indigenous
		OF COPPER - SPECIFICATION			
52	IS 1773 : 1982	Specification for electroplated	March, 2021	1	Indigenous
	Reviewed In: 2021	coatings of brass (First Revision)			
53	IS 18435 (Part 11):	Corrosion of metals and alloys		-	Identical under dual
	2023	Stress corrosion testing Part 11:			numbering
	ISO 7539-11 : 2013	· ·			
	ISO 7539-11 : 2013	j ,			
		hydrogen embrittlement and			
		hydrogen-assisted cracking �			
		Guidelines			
54	IS 18436 : 2023	Metallic and other inorganic		-	Identical under dual
	ISO 9588 : 2007	coatings Post-coating treatments of			numbering
	ISO 9588 : 2007	iron or steel to reduce the risk of			
		hydrogen embrittlement			
55	IS 18437 : 2023	Corrosion of metals and alloys		-	Identical under dual
	ISO 15324	Evaluation of stress corrosion			numbering
	ISO 15324	cracking by the drop evaporation			
		test			
56	IS 18438 : 2023	Corrosion of metals and alloys		-	Identical under dual
	ISO 18069:2015	Method for determination of the			numbering
	ISO 18069:2015	uniform corrosion rate of stainless			
		steels and nickel based alloys in			
L		liquids			
57	IS 18463 : 2023	Metallic and other inorganic		-	Identical under dual
	ISO 9587	coatings Pretreatment of iron or			numbering
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	ISO 9587 : 2007	steel to reduce the risk of hydrogen			
		embrittlement			
58	IS 18649 : 2024	Corrosion of metals and alloys		-	Identical under dual
	ISO 11130 : 2017	Alternate immersion test in salt			numbering
	ISO 11130 : 2017	solution			
59	IS 18650 : 2024	Corrosion of Metals and Alloys		-	Identical under dual
	ISO 26146 : 2012	� Method for Metallographic			numbering
	ISO 26146 : 2012	Examination of Samples After			
		Exposure to High-Temperature			
		Corrosive Environments			
60	IS 1868 : 1996	Anodic coatings on aluminium and	March, 2021	-	Not Equivalent
	Reviewed In: 2021	its alloys - Specification (Third			
	ISO 10074, 7599	Revision)			
61	IS 1958 : 1989	Nickel anodes for electroplating -	March, 2021	1	Indigenous
	Reviewed In: 2021	Specification (Second Revision)			
62	IS 1959 : 1994	Silver anodes for electroplating -	March, 2021	-	Indigenous
	Reviewed In: 2021	Specification (Second Revision)			
63	IS 1985 (Part 1):	Recommended practice for	March, 2021	-	Indigenous
	1980	preparation of iron and steel for			
	Reviewed In: 2021	electroplating: Part 1 high carbon			
		steel (First Revision)			
64	IS 1985 (Part 2):	Recommended practice for	March, 2021	-	Indigenous
	1980	preparation of iron and steel for			
	Reviewed In: 2021	electroplating: Part 2 low carbon			
		steel (First Revision)			
65	IS 1985 (Part 3):	Recommended practice for	March, 2021	-	Indigenous
	1980	preparation of iron and steel for			
	Reviewed In: 2021	electroplating: Part 3 iron castings			
		(First Revision)			
66	IS 1986 : 1981	Code of practice for hard	March, 2021	-	Indigenous
	Reviewed In: 2021	chromium plating on iron and steel			
		(For General Engineering			
		Purposes) (First Revision)			
67	IS 1992 : 1979	Specification for electroplated	March, 2021	1	Not Equivalent
	Reviewed In: 2021	coatings of lead (First Revision)			
	ISO 7587				
68	IS 2384 : 2023	TIN ANODES FOR		-	Indigenous
		ELECTROPLATING �			
		SPECIFICATION			
69	IS 2384 : 1963	Specification for tin anodes for	March, 2021	1	Indigenous
70	Reviewed In: 2021	electroplating			T 11
70	IS 2450 : 2024	Electroplating on Aluminium and		-	Indigenous
		its Alloys �Recommended			
71	IS 2601 : 1987	Practice Specification for bross and do for	March 2021	+	In diameter
71		Specification for brass anodes for	March, 2021	-	Indigenous
72	Reviewed In: 2021 IS 2606: 1987	electroplating (First Revision)	March 2021		Indiana
'2	Reviewed In : 2021	Specification for alloy lead anodes	March, 2021	_	Indigenous
	Keviewed III: 2021	for chromium plating (Second Revision)			
73	IS 2629 : 1985	Recommended practice for hot-dip	March, 2021	3	Indigenous
13	Reviewed In : 2021	galvanizing of iron and steel (First	iviaicii, 2021		muigenous
	Kevieweu III : 2021	Revision)			
74	IS 2633 : 1986	Method for testing uniformity of	March, 2021	+	Indigenous
'	Reviewed In : 2021	coating on zinc coated articles	1v1a1C11, 2U21	_	murgenous
	ixeviewed iii . 2021	(Second Revision)			
75	IS 2679 : 1964	Recommendations for equipment	March, 2021	-	Indigenous
'3	Reviewed In : 2021	for electroplating	1v1a1C11, 2U21	_	muigenous
76	IS 3194 : 1980	Recommended practice for	March, 2021	_	Indigenous
'	Reviewed In : 2021	cleaning metals prior to	14141011, 2021		margonous
	100 10 Wed III . 2021	creaming means prior to		1	

l	I	electroplating (First Revision)		1	
77	IS 3203 : 1982	Methods of testing local thickness	March, 2021	1	Indigenous
	Reviewed In: 2021	of electroplated coatings (First	,		
		Revision)			
78	IS 3266 : 1982	Specification for - Electroplated	March, 2021	-	Indigenous
	Reviewed In: 2021	coatings of gold for general			_
		engineering purpose (First			
		Revision)			
79	IS 3531 : 2024	Corrosion of metals and alloys �		-	Identical under dual
	ISO 8044 : 2020	Vocabulary			numbering
	ISO 8044 : 2020				
80	IS 3554 : 2017	Glossary of terms relating to	March, 2023	-	Indigenous
		electroplating (First Revision)			
	Reviewed In: 2023				
81	IS 3618: 1966	Specification for phosphate	March, 2021	-	Indigenous
	Reviewed In: 2021	treatment of iron and steel for			
		protection against corrosion			
82	IS 3655 : 1985	Recommended practice for	March, 2021	-	Indigenous
	Reviewed In: 2021	electroplating (First Revision)			
83	IS 3656 : 2023	Mechanical Polishing of Metals for		-	Indigenous
		Electroplating ? Code of Practice			
84	IS 3821 : 1973	Method for determination of mass	March, 2021	=	Indigenous
	Reviewed In: 2021	of aluminium coating on hot-dip			
		aluminized iron or steel articles			
85	IS 4180 : 1967	Code of practice for corrosion	March, 2021	1	Indigenous
	Reviewed In: 2021	protection of light gauge steel			
		sections used in building			
86	IS 4252 : 1982	Specification for electroplated	March, 2021	-	Not Equivalent
	Reviewed In: 2021	coatings of gold for decorative			
	ISO 4524	purposes (First Revision)			
87	IS 4736 : 1986	Specification for hot - Dip zinc	March, 2021	4	Indigenous
	Reviewed In: 2021	coatings on mild steel tubes (Fist			
		Revision)			
88	IS 4759 : 1996	Hot - Dip zinc coatings on	March, 2021	1	Indigenous
	Reviewed In: 2021	structural steel and other allied			
		products - Specification (Third			
		Revision)			
89	IS 4777 : 1968	Performance tests for protective	March, 2021	-	Indigenous
	Reviewed In: 2021	schemes used in protection of light			
		gauge steel against corrosion			
90	IS 4826 : 2023	Hot-Dip Galvanized Coatings on		-	Indigenous
		Round Steel Wires �			
		Requirements			
91	IS 5523 : 1983	Methods of testing anodic coatings	March, 2021	1	Not Equivalent
	Reviewed In: 2021	on aluminium and its alloys (First			
	ISO 2931	Revision)			
92	IS 5528 : 1985	Method of testing corrosion	March, 2021	-	Identical under dual
	Reviewed In: 2021	resistance of electroplated and			numbering
	ISO 9227 : 2022	anodized aluminium coating by			
		copper accelerated acetic acid salt			
		spray (CASS) test (First Revision)			
93	IS 5528 : 2024	Corrosion Tests in Artificial		-	Identical under dual
	ISO 9227 : 2022	Atmospheres � Salt Spray Tests			numbering
	ISO 9227 : 2022	(second revision)			
94	IS 5555 : 1970	Code of procedure for conducting	March, 2021	1	Indigenous
	Reviewed In: 2021	field studies on atmospheric			
		corrosion of metals			
95	IS 5905 : 1989	Sprayed aluminium and zinc	March, 2021	-	Indigenous
	Reviewed In: 2021	coatings on iron and steel -			
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15.925.1970 Reviewed In 2021 Recommended practice silver planting from the product of the product practice for design of the product practice for practice for the product practice for practice for the product practice for the product practice fo	I		Specification (First Revision)		1	I
Reviewed In : 2021 Plating for general engineering pupposes Reviewed In : 2021 S 6005 : 1998 Reviewed In : 2021 S 6009 : 2024 S	96	IS 5925 : 1970		March, 2021	-	Indigenous
18 18 18 19 18 19 18 19 18 19 18 19 19		Reviewed In: 2021	plating for general engineering			
Reviewed In : 2021 coatings of iron and steel (First Revision)			purposes			
Servision Serv	97	IS 6005 : 1998	Code of practice for phosphate	March, 2021	-	Indigenous
Section Sect		Reviewed In: 2021	coatings of iron and steel (First			
Accelerated Corrosion Test 7; 1/2 Measurement of coating thickness (Not Equivalent 1)						
Method Measurement of conting thickness March, 2021 - Indigenous	98	IS 6009 : 2024			-	Indigenous
18 18 18 19 18 18 18 19 18 19 19			Accelerated Corrosion Test �			
Reviewed In : 2021 Specification for hard anodic coatings on aluminium and alumini						
ISO 2360	99			March, 2021	-	Not Equivalent
100						
Reviewed In : 2021 Coatings on aluminium and aluminium alloys (First Revision) Recommended practice for for 10-10 Indigenous Steel products (First Revision) Recommended practice for design and fabrication of iron and steel products (First Revision) March, 2021 Indigenous I						
aluminium alloys (First Revision)	100		_	March, 2021	-	Indigenous
101 18 6158 : 1984 Recommended practice for seriewed In : 2021 Reviewed In : 2021 R		Reviewed In: 2021				
Reviewed In : 2021 steep roducts (First Revision) 102 IS 6159 : 1998 Recommended practice for design and fabrication or firon and steel products prior to galvanizing and metal spraying (Second Revision) 103 IS 6243 : 1985 Method of hydrogen embrittlement lest for copper (First Revision) 104 IS 6586 : 1989 Reviewed In : 2021 steep roducts prior to galvanizing and metal spraying (Second Revision) 105 IS 6651 : 1972 Reviewed In : 2021 specification for protection of iron and steel - Recommended practice (First Revision) 106 IS 6651 : 1972 Specification for anodized practice (First Revision) 107 IS 6745 : 1972 Methods for determination of mass Reviewed In : 2021 specification (First Revision) 108 IS 6910 : 1985 Reviewed In : 2021 specification (First Revision) 109 IS 7088 : 1973 Reviewed In : 2021 specification of mass Reviewed In : 2023 spe						
Is 6159:1998 Reviewed In: 2021 Reviewed In: 2022 Reviewed In: 2021 Reviewed	101		-	March, 2021	1	Indigenous
Steel products (First Revision) Steel products (First Revision) Reviewed In : 2021 Indigenous Indig		Reviewed In: 2021				
102 1S 6159: 1998 Reviewed In : 2021 and fabrication of iron and steel products prior to galvanizing and metal spraying (Second Revision) March, 2022 - Indigenous						
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103 IS 6243 : 1985 Method of Indrogen embrittlement March, 2021 Seviewed In : 2021 Indigenous	102			March, 2021	-	Indigenous
Method of hydrogen embrittlement March, 2022 - Indigenous		Reviewed in: 2021				
103 IS 6243 : 1985 Method of hydrogen embritlement Reviewed In : 2022 test for copper (First Revision) March, 2021 - Indigenous						
Reviewed In : 2022 test for copper (First Revision) Reviewed In : 2021 Reviewed In : 2021 S 6586 : 1989 Reviewed In : 2021 S 6651 : 1972 Reviewed In : 2021 Reviewed In : 2021 Reviewed In : 2021 S 6697 : 1988 Hot - Dip aluminium for automobile use aluminium for automobile use Reviewed In : 2021 Reviewed In : 2021 For cous parts (Other Than Sheet, Strip And Wire) for general purposes - Specification (First Revision) Reviewed In : 2021	102	IC 6242 . 1005		Monah 2022		Indiannous
104 IS 6586 : 1989 Reviewed In : 2021 Specification for anodized aluminium for automobile use Hot - Dip aluminium coatings on ferrous parts (Other Than Sheet, Strip And Wire) for general purposes - Specification (First Revision) March, 2021 Indigenous	103		, ,	March, 2022	-	margenous
Reviewed In : 2021 iron and steel - Recommended practice (First Revision) 105	104			March 2021		Indigenous
Discription Practice (First Revision) Specification for anodized aluminium for automobile use Indigenous Indigen	104			Maich, 2021	-	margenous
The first Reviewed In : 2021 Specification for anodized aluminium for automobile use Hot - Dip aluminium coatings on Hot - Dip aluminium coatings on Ferrous parts (Other Than Sheet, Strip And Wire) for general purposes - Specification (First Revision) Strip And Wire) for general purposes - Specification (First Revision) March, 2021 Strip And Wire) for general purposes - Specification (First Revision) March, 2021 Strip And Wire) for general purposes - Specification (First Revision) March, 2021 Strip And Wire) for general purposes - Specification of mass Reviewed In : 2021 Strip And Wire) for determination of mass and steel articles March, 2021 Indigenous		Reviewed III . 2021				
Reviewed In : 2021 aluminium for automobile use	105	IS 6651 · 1972		March 2021	_	Indigenous
Total Content Total Conten	103			March, 2021	_	margenous
Reviewed In : 2021 ferrous parts (Other Than Sheet, Strip And Wire) for general purposes - Specification (First Revision) 107	106			March 2021	_	Indigenous
Strip And Wire) for general purposes - Specification (First Revision) 107	100		-	Waren, 2021		margenous
purposes - Specification (First Revision) IS 6745 : 1972 Reviewed In : 2021 Reviewed In : 2021 IS 6910 : 1985 Reviewed In : 2021 Reviewed In : 2021 IS 6910 : 1985 Reviewed In : 2021 IS 7088 : 1973 Reviewed In : 2021 IS 7088 : 1973 Reviewed In : 2021 IS 7808 : 1975 Reviewed In : 2021 IS 8062 (Part 2) : 2006 Reviewed In : 2023 ISO 15589 Purposes - Specification (First Revision) March, 2021 March, 2021 March, 2021 March, 2021 March, 2021 Indigenous March, 2021 Indigenous March, 2021 November, 2023 Amarch, 2021 Indigenous November, 2023 November, 2023 November, 2023 Amarch, 2021 Indigenous November, 2023 November, 2023 November, 2023 Amarch, 2021 November, 2023 November, 2023 November, 2023 Amarch, 2021 November, 2023		Reviewed III : 2021				
Reviewed In : 2021 Methods for determination of mass of zinc coating on zinc coated iron and steel articles of zeriewed In : 2021 Methods for determination of mass of zinc coating on zinc coated iron and steel articles						
107 IS 6745 : 1972 Reviewed In : 2021 of zinc coating on zinc coated iron and steel articles 108 IS 6910 : 1985 Reviewed In : 2021 Reviewed In : 2021 of zinc coating on zinc coated iron and steel articles 109 IS 7088 : 1973 Reviewed In : 2021 Reviewed In : 2021 of zinc coating on zinc coated iron and steel articles 110 IS 7808 : 1975 Reviewed In : 2023 Reviewed In : 2023 Studies on underground corrosion of metals 111 IS 8038 : 1985 Reviewed In : 2021 resistance of metallic and other non-organic coatings by corrodkote test (First Revision) 112 IS 8062 (Part 2) : 2006 Reviewed In : 2023 ISO 15589						
Reviewed In: 2021 of zinc coating on zinc coated iron and steel articles 108	107	IS 6745 · 1972		March 2021	5	Indigenous
108 IS 6910 : 1985 Method of testing corrosion resistance of electroplated and anodized aluminium coatings by acetic acid salt spray test (First Revision) March, 2021	10,			1,141011, 2021		margenous
108 IS 6910 : 1985 Reviewed In : 2021 Reviewed In : 2023 Reviewed In : 2021 Reviewed In : 2023 Reviewed In : 2023 Cathodic protection of buried pipeline/ structure for Reviewed In : 2023 ISO 15589 Reviewed In : 2023 Re						
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112 IS 8062 (Part 2): 2006		ISO 4541				
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ISO 15589 and liquids - Code of practice (First Revision)						
(First Revision)						
		ISO 15589				
113 IS 8062 (Part 3) : Code of practice for cathodic November, 2023 - Not Equivalent		70.00 - 5				
	113	IS 8062 (Part 3):	Code of practice for cathodic	November, 2023	-	Not Equivalent

	1977 Reviewed In : 2023 ISO 15589	protection of steel structure Part 3 Ship's hull				
114	IS 8062 (Part 4): 1979	1979 protection of steel structures: Part eviewed In: 2023 4 Galvanic protection of dockgates,		Not Equivalent		
115	IS 8221 : 1976 Reviewed In : 2023	Code of practice for corrosion prevention of metals and metal components in packages	November, 2023	-	Indigenous	
116	IS 8375 : 1977 Reviewed In : 2021	Method for checking continuity of anodized coatings	March, 2021	-	Indigenous	
117	IS 8376 : 1988 Reviewed In : 2021	Specification for electroplated coatings of nickel plus chromium on plastics for decorative purposes (First Revision)	March, 2021	-	Indigenous	
118	IS 8435 : 1977 Reviewed In : 2021	Methods for measurement of thickness of metallic coatings on plastics	March, 2021	-	Indigenous	
119	IS 8436 : 1989 Reviewed In : 2021	Thermal cycling test for evaluation of electroplated plastics - Method (First Revision)	March, 2021	-	Indigenous	
120	IS 8508 : 1988 Reviewed In : 2021	Code of practice for hot-dip aluminizing of iron and steel (First Revision)	March, 2021	-	Indigenous	
121	IS 8554 : 1977 Reviewed In : 2021 ISO 2376 : 2019	Method of checking insulation of anodized coating by measurement of break down potential	March, 2021	1	1 Identical under dual numbering	
122	IS 8554 : 2024 ISO 2376 : 2019 ISO 2376 : 2019	Anodizing of Aluminium and Its Alloys â€" Determination of Breakdown Voltage and Withstand Voltage (First Revision)		- Identical under dual numbering		
123	IS 8602 : 1977 Reviewed In : 2021	Methods of tests for chromate conversion coatings on zinc and cadmium surfaces	March, 2021	-	Indigenous	
124	IS 8629 (Part 13) : 1977 Reviewed In : 2021	Code of practice for protection of iron and steel structures from atmospheric corrosion	March, 2021	1	Indigenous	
125	IS 9077 : 1979 Reviewed In : 2023	Code of practice for corrosion protection of steel reinforcement in RB and RCC construction	November, 2023	-	Indigenous	
126	IS 9172 : 1979 Reviewed In : 2021	Recommended design practice for corrosion prevention of steel structures	March, 2021	-	Indigenous	
127	IS 9530 : 1980 Reviewed In : 2021	Method of testing microhardness of electroplated coatings	March, 2021	-	Indigenous	
128	IS 9531 : 1989 Reviewed In : 2021	Preparation of copper and copper - Base alloys for electroplating recommended practice (First Revision)	March, 2021	rch, 2021 - Indigenous		
129	IS 9838 : 1981 Reviewed In : 2021	Method for determination of coating mass per unit area of conversion coatings on metallic materials by gravimetric method	March, 2021	-	Indigenous	
130	IS 9839 : 1981 Reviewed In : 2021	Specification for chromate conversion coatings on electroplated zinc and cadmium coatings	March, 2021	-	Indigenous	
131	IS 9844 : 1981	Methods of testing corrosion	March, 2021	-	Indigenous	

Reviewed In: 2021	resistance of electroplated and		
	anodized aluminium coatings by		
	neutral salt spray test		

Standards under Development

	Projects Approved			
SI. No.	Doc No.	Title		
1	MTD 24 (23781) Revision	Non-conductive coatings on non-magnetic electrically conductive base metals Measurement of		
	of: IS 6012:1992	coating thickness Amplitude-sensitive eddy-current method		

	Preliminary Draft Standards				
SI. No.	Doc No.	Title			
1	MTD 24 (25073) Revision	Chromate conversion coating on zinc and cadmium coated articles and zinc base alloys -			
	of: IS 9839:1981	Specification			
2	MTD 24 (25798) Revision	Code of Practice for Process Design Testing and Application of Hot Dip Galvanizing of Iron and			
	of: IS 2629:1985	Steel - Part 1 Batch Process			

	Drafts Standards in WC Stage				
SI. No.	Doc No.	Title			
1	MTD 24 (25739) Revision	Metallic and Other Inorganic Coatings Electrodeposited Gold and Gold Alloy Coatings for			
	of: IS 3266:1982	Electrical Electronic and Engineering Purposes Specification and Test Methods			
2	MTD 24 (25769) Revision	Metallic and Other Inorganic Coatings Chromate Conversion Coatings On Zinc Cadmium			
	of: IS 8602:1977	Aluminium-Zinc Alloys and Zinc-Aluminium Alloys Test Methods			

Draft Standards Completed WC Stage		
SI. No.	Doc No.	Title
1	MTD 24 (21005) Revision	Specification for anodized aluminium for automobile use First Revision
	of: IS 8602:1977	
2	MTD 24 (21008) Revision	SPECIFICATION FOR ELECTROPLATED COATING OF SILVER FOR DECORATIVE
	of: IS 8602:1977	AND PROTECTIVE PURPOSES
3	MTD 24 (21011) Revision	Metals and alloys Atmospheric corrosion testing General requirements
	of: IS 8602:1977	
4	MTD 24 (21013) Revision	Recommended practice silver plating for for general engineering purposes First Revision
	of: IS 8602:1977	
5	MTD 24 (25740) Revision	Metallic and Other Inorganic Coatings Electrodeposited Coatings of Nickel Nickel Plus
	of: IS 8602:1977	Chromium Copper Plus Nickel and of Copper Plus Nickel Plus Chromium
6	MTD 24 (25741) Revision	Anodizing of aluminium and its alloys Estimation of loss of absorptive power of anodic oxidation
	of: IS 8602:1977	coatings after sealing Dye-spot test with prior acid treatment

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

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
1	MTD 24 (22071)	COLD APPLIED POLYETHYLENE POLYOLEFIN TAPE COATING FOR STEEL WATER
		PIPELINES - SPECIFICATION
2	MTD 24 (23780)	Corrosion of metals and alloys Guidelines for the evaluation of pitting corrosion
3	MTD 24 (25688)	ELECTROPLATED COATINGS OF COPPER - SPECIFICATION Amendment - 1

Aspect Wise Report

Product: 42
Code of Practices: 54
Methods of Test: 28
Terminology: 2
Dimensions: 0
System Standard: 0
Safety Standard: 0
Others: 0

Service Specification: 0 Process Specification: 1 Unclassified: 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 2983 : 1971	Recommended practice for hot tinning of brassware
2	IS 429 : 1954	Methods for testing weight and uniformity of coatings on galvanized iron and steel wires and steel sheets
3	IS 4827 : 1983	Electroplated coatings of nickel and chromium on copper and copper alloys
4	IS 4828 : 1983	Specification for ventilator chains
5	IS 4942 : 1983	Electroplated coatings of nickel and chromium on aluminium and aluminium alloys
6	IS 511 : 1962	Tamarind kernel powder for uing of weight thickness and uniformity of coating on galvanised articles other than wires and sheets
7	IS 5243 : 1969	Tin Coated Finish For Cooking Utensils
8	IS 5274 : 1969	Recommended practice for hot dip tinning of plain carbon steels
9	IS 5358 : 1969	Hot Dip Galvanized Coatings On Fasteners
10	IS 728 : 1956	Methods for determining of weight thickness and uniformity of coating on galvanised articles other than wires and sheets
11	IS 8062 (Part 1): 1976 Reviewed In: 2010	Code of practice for cathodic protection of steel structures Part 1 Genral Princples

Annexure-II : List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10209 : 1982	Specification for electroplated coatings of Tin - Lead alloys Solder
	Reviewed In: 2021	
2	IS 1067 : 1981	Specification for electroplated coatings of silver for decorative and protective purposes Second
	Reviewed In: 2021	Revision
3	IS 1068 : 1993	Electroplated coatings of nickel plus chromium and copper plus nickel plus chromium -
	Reviewed In: 2021 ISO	Specification Third Revision
	1456	
4	IS 11232 : 1985	Specification for chromate conversion coatings on aluminium
	Reviewed In: 2023	
5	IS 11857 : 1986	Specification for anodized wrought aluminium for external architectural applications
	Reviewed In: 2021	
6	IS 12393 : 1988	Specification for electroplated coatings of nickel
	Reviewed In: 2021 ISO	
	1456	

-		
7	IS 12753 : 1989	Electrogalvanized coatings on round steel wire - Specification
	Reviewed In: 2021	
8	IS 13147 : 1991	Black oxide coating on stainless steel parts - Specification
	Reviewed In: 2021	
9	IS 13212 : 1991	Black oxide coating for iron and steel parts - Specification
10	Reviewed In : 2021	
10	IS 1337 : 1993	Electroplated coatings of hard chromium for engineering purposes Third Revision
11	Reviewed In : 2021	Post conservation Constitution
11	IS 13515 : 1992	Rust converters - Specification
12	Reviewed In: 2023 IS 1359: 1992	Electroplated coatings of tin - Specification Third Revision
12	Reviewed In : 2021 ISO	Electropiated coatings of till - Specification Tillid Revision
	2093	
13	IS 13647 : 1993	Electroplated coatings of rhodium for engineering purposes - Specification
15	Reviewed In: 2021	Electropiated country of modern for engineering purposes specification
14	IS 13677 : 1993	Electroless nickel - Phosphorus coatings - Specification
	Reviewed In: 2021 ISO	g_ zpviiiviii
	4527	
15	IS 1378 : 1987	Specification for oxidized - Copper finishes Third Revision
	Reviewed In: 2021	
16	IS 15337 : 2003	Coal tar based anticorrosion tape for protection of underground mild steel pipelines - Specification
	Reviewed In: 2023	
17	IS 15659 (Part 1): 2006	Petroleum and natural gas industries - External coatings for burried or submerged pipelines used in
	Reviewed In: 2021 ISO	pipeline transportation of gas and liquid hydrocarbons Part 1 polyolefin coatings 3 Layer PE And 3
	21809-1	Layer PP
18	IS 15659 (Part 2): 2006	Petroleum and natural gas industries - External coatings for burried or submerged pipelines used in
	Reviewed In: 2021 ISO	pipeline transportation of gas and liquid hydrocarbons Part 2 fusion bonded epoxy coatings
	21809-2	
19	IS 1572 : 1986	Specification for electroplated coatings of cadmium on iron and steel Second Revision
	Reviewed In: 2021 ISO	
20	2082 IS 1573 : 1986	Specification for electroplated coatings of zinc on iron and steel Second Revision
20	Reviewed In : 2021 ISO	Specification for electropiated coatings of zinc on from and steel second Revision
	19598	
21	IS 16854 : 2018	Single pack zinc rich coating for cold application - Specification
	15 1005 11 2010	Single part and roth coming for cold approximent approximent
	Reviewed In: 2023	
22	IS 1771 : 1986	Specification for electroplated coatings of silver and silver alloys for general engineering purposes
	Reviewed In: 2021	Second Revision
23	IS 1772 : 2024	ELECTROPLATED COATINGS OF COPPER - SPECIFICATION
24	IS 1773 : 1982	Specification for electroplated coatings of brass First Revision
	Reviewed In: 2021	
25	IS 1868 : 1996	Anodic coatings on aluminium and its alloys - Specification Third Revision
	Reviewed In: 2021 ISO	
	10074, 7599	
26	IS 1958 : 1989	Nickel anodes for electroplating - Specification Second Revision
27	Reviewed In : 2021	
27	IS 1959 : 1994	Silver anodes for electroplating - Specification Second Revision
20	Reviewed In : 2021	Decomposed a matrice for amongstion of iron and steel for electropleting Port 2 iron costings
28	IS 1985 (Part 3) : 1980 Reviewed In : 2021	Recommended practice for preparation of iron and steel for electroplating Part 3 iron castings First Revision
29	IS 1992 : 1979	Specification for electroplated coatings of lead First Revision
	Reviewed In : 2021 ISO	opechication for electropiated coatings of lead Pilst Revision
	7587	
30	IS 2384 : 2023	TIN ANODES FOR ELECTROPLATING SPECIFICATION
	15 2551. 2025	THE THEODEST ON BEST THEOD STREET TO THE TENTION
31	IS 2601 : 1987	Specification for brass anodes for electroplating First Revision
	Reviewed In: 2021	1
	1	

32	IS 2606 : 1987	Specification for alloy lead anodes for chromium plating Second Revision
	Reviewed In: 2021	
33	IS 3266 : 1982	Specification for - Electroplated coatings of gold for general engineering purpose First Revision
	Reviewed In: 2021	
34	IS 4252 : 1982	Specification for electroplated coatings of gold for decorative purposes First Revision
	Reviewed In: 2021 ISO	
	4524	
35	IS 4736 : 1986	Specification for hot - Dip zinc coatings on mild steel tubes Fist Revision
	Reviewed In: 2021	
36	IS 4759 : 1996	Hot - Dip zinc coatings on structural steel and other allied products - Specification Third Revision
	Reviewed In: 2021	
37	IS 5905 : 1989	Sprayed aluminium and zinc coatings on iron and steel - Specification First Revision
	Reviewed In: 2021	
38	IS 6057 : 1988	Specification for hard anodic coatings on aluminium and aluminium alloys First Revision
	Reviewed In: 2021	
39	IS 6651 : 1972	Specification for anodized aluminium for automobile use
	Reviewed In: 2021	
40	IS 6697 : 1988	Hot - Dip aluminium coatings on ferrous parts Other Than Sheet Strip And Wire for general
	Reviewed In: 2021	purposes - Specification First Revision
41	IS 8376 : 1988	Specification for electroplated coatings of nickel plus chromium on plastics for decorative
	Reviewed In: 2021	purposes First Revision
42	IS 9839 : 1981	Specification for chromate conversion coatings on electroplated zinc and cadmium coatings
	Reviewed In: 2021	