BUREAU OF INDIAN STANDARDS

Program of Work

CHD 5 : Electroplating Chemicals And Photographic Materials

Scope:

a) To formulate Indian Standards on terminology, methods of sampling and tests, processes, codes of practice for sampling, packaging, storage, and specifications for electroplating and photographic chemicals, photographic paper, films, sizes of spools and related materials. b) To co-ordinate with the work of i) ISO/TC 42 Photography

Liaison:

Published Standards S.No TITLE Reaffirm M-Y IS No. No. of Amds Eqv. IS 10246 : 1982 Specification for N, N - Diethyl - P Indigenous April, 2024 - Phenylene diamine sulphate, Reviewed In: 2024 Decision taken to photographic grade Reaffirm and Archive IS 10329: 1982 Method for sensitometry of April, 2024 Indigenous Reviewed In: 2024 photographic papers Decision taken to Reaffirm and Archive 3 IS 10396 : 1982 Methods for determination of curl April, 2024 Indigenous Reviewed In: 2024 of photographic film Decision taken to Reaffirm and Archive IS 10419: 1982 Method for determination of April, 2024 Indigenous Reviewed In: 2024 brittleness of photographic film Decision taken to Reaffirm and Archive IS 10438: 1983 Specification for potassium May, 2024 Indigenous 1 Reviewed In: 2024 sulphite, 650 g/1 aqueous solution for photographic industry IS 10472: 1983 Specification for filter aid powder April, 2024 6 Indigenous Reviewed In: 2024 for use in electroplating IS 10668: 1983 Specification for sodium April, 2024 Indigenous Reviewed In: 2024 formaldehyde bisulphite, Decision taken to anhydrous, photographic grade Reaffirm and Archive IS 10982: 1984 Specification for strontium May, 2024 Indigenous Reviewed In: 2024 sulphate for electroplating IS 11484 : 1985 Specification for phenol sulphonic May, 2024 Indigenous Reviewed In: 2024 acid for electroplating IS 11603: 2024 Identical under dual Ammonium Thiocyanate,

	ISO 3622 : 1996	Photographic Grade â€"		1	numbering
	ISO 3622 : 1996	Specification (First Revision)			numbering
11	IS 11603 : 1986	Specification for ammonium	June, 2019	_	Identical under dual
	Reviewed In: 2019	thiocyanate, photographic grade	, , , , , ,		numbering
	ISO 3622 : 1996				
12	IS 11751 : 2024	Sodium Sulphite, Anhydrous,		-	Identical under dual
	ISO 418: 2001	Photographic Grade â€"			numbering
	ISO 418: 2001	Specification (First Revision)			
13	IS 11751 : 1986	Specification for sodium sulphite,	June, 2019	-	Identical under dual
	Reviewed In: 2019	anhydrous, photographic grade			numbering
	ISO 418: 2001				
14	IS 11752 : 1986	Specification for sodium	June, 2019	-	Identical under dual
		metabisulphite, photographic grade			numbering
	ISO 3627 : 2001				
15	IS 11752 : 2024	Sodium Metabisulphite,		-	Identical under dual
	ISO 3627 : 2001	Anhydrous, Photographic Grade?			numbering
1.0	ISO 3627 : 2001	Specification (First Revision)			<u> </u>
16	IS 11788 : 1986	Specification for 2 - Amino - 5 -	April, 2024	-	Indigenous
	Reviewed In: 2024 Decision taken to	Diethylaminotoluene hydrochloride, photographic grade			
	Reaffirm and	inydrocinoride, photographic grade			
	Archive				
17	IS 12121 : 1987	Specification for sodium	May, 2024	_	Not Equivalent
1,	Reviewed In: 2024	carbonate, anhydrous,	11lay, 2021		Two Equivalent
	ISO 424:1994	photographic grade			
18	IS 12125 : 1987	Specification for benzotriazole,	May, 2024	_	Not Equivalent
	Reviewed In: 2024	photographic grade			1
	ISO 3618:1994				
19	IS 12201 : 1987	Specification for hydro fluosilicic	May, 2024	-	Indigenous
	Reviewed In: 2024	acid for electroplating			
20	IS 12495 : 1988	SpecificatidN for potassium	May, 2024	-	Not Equivalent
	Reviewed In: 2024	ferricyanide photographic grade			
	ISO 3624:1994				
21	IS 12496 : 1988	Sizes of film for industrial	April, 2024	-	Indigenous
	Reviewed In: 2024	radiography			
	Decision taken to				
	Reaffirm and				
22	Archive IS 12517 : 1988	Specification for sizes of	April, 2024		To diagnoss
22	Reviewed In : 2024	photographic film for graphic arts	Aprii, 2024	-	Indigenous
	Decision taken to	use			
	Reaffirm and	use			
	Archive				
23	IS 12519 : 1988	Specification for zinc	April, 2024	-	Indigenous
	Reviewed In: 2024	pyrophosphate for electroplating	p,		111015411040
24	IS 12533 : 1988	Specification for sizes of paper in	April, 2024	-	Indigenous
	Reviewed In: 2024	rolls for phototypesetting and	* '		
	Decision taken to	photolettering devices			
	Reaffirm and	_			
	Archive				
25	IS 12551 : 1988	Specification for potassium	April, 2024	-	Indigenous
	Reviewed In: 2024	pyrophosphate for electroplating			
26	IS 12557 : 1988	Specification for sodium	April, 2024	-	Indigenous
	Reviewed In: 2024	pyrophosphate for electroplating			<u> </u>
27	IS 12846 : 2023	Boric Acid Photographic		-	Indigenous
20	IC 10065 1000	GradeSpecification First Revision	A . 11 2024		T 1'
28	IS 12865 : 1989 Reviewed In : 2024	Potassium persulphate,	April, 2024	-	Indigenous
	Decision taken to	photographic grade - Specification			
	Decision taken to				

	Reaffirm and				1
	Archive				
29	IS 12875 : 1989	Aluminium potassium sulphate	April, 2024	-	Indigenous
		(Potashalum), photographic grade -			
	Decision taken to	Specification			
	Reaffirm and				
	Archive				
30	IS 12925 : 1990	Ferric ammonium edta solution	April, 2024	-	Indigenous
	Reviewed In: 2024	photographic grade - Specification			
	Decision taken to				
	Reaffirm and				
	Archive				
31	IS 13014 : 1990	Sodium gluconate for	April, 2024	-	Indigenous
	Reviewed In: 2024	electroplating - Specification			.
32	IS 13075 : 1991	Sizes of rolls of black and white	April, 2024	-	Indigenous
	Reviewed In: 2024	and colour paper for roll paper			
	Decision taken to	printers			
1	Reaffirm and				
	Archive		1 11 202 :	1	T .:
33	IS 13104 : 1991	2 - Amino - 5[N - Ethyl N - 2,	April, 2024	-	Indigenous
	Reviewed In: 2024	hydroxy ethyl] aminotoluene			
	Decision taken to	sulphate,photographic grade (CD -			
	Reaffirm and	4)			
2.4	Archive	2 Amin - 5 DV D4 - 1		+	T., 3!
34	IS 13105 : 2024	2-Amino-5-[N-Ethyl-		-	Indigenous
		N-(2-Methane Sulphonamido			
		Ethyl)] Aminotoluene, Sesqui			
		Sulphate (Monohydrate),			
		Photographic Grade (CD-3) (First			
2.5	IC 12105 1001	Revision)	NA 2024		T 1'
35	IS 13105 : 1991	2 - Amino - 5 - [N - Ethyl - N - (2 -	May, 2024	-	Indigenous
	Reviewed In: 2024	Methane Sulphonamido Ethyl)]			
		aminotoluene, sesqui sulphate			
		(Monohydrate), photographic grade			
26	IC 12106 2024	(Cd - 3)			Ydandaalaandaad
36	IS 13106 : 2024	Potassium Bromide, Photographic		-	Identical under dual
	ISO 420 : 1994	Grade â€" Specification (First			numbering
27	ISO 420 : 1994	Revision)	M 2024		Identical and and deal
37	IS 13106 : 1991	Potassium bromide, photographic	May, 2024	-	Identical under dual
	Reviewed In : 2024	grade			numbering
20	ISO 420 : 1994 IS 13381 : 1992	Datassium asshanata asshadassa	May 2024	+	Not Equipolant
38		Potassium carbonate, anhydrous	May, 2024	_	Not Equivalent
	Reviewed In: 2024	and sesquihydrate, photographic			
39	ISO 3623:1994 IS 13443 : 1992	grade specification Methylana chlorida for degressing	April, 2024	+	Indiagnous
39	Reviewed In : 2024	Methylene chloride for degreasing	Aprii, 2024	-	Indigenous
	Kevieweu III: 2024	prior to electroplating - Specification			
40	IS 13651 : 1993	1 - 1 - 1 trtchloroethane (Methyl	May, 2024	_	Indigenous
40	Reviewed In : 2024	Chloroform) for electroplating -	1v1ay, 2024	1	murgenous
	iteviewed iii . 2024	Specification			
41	IS 15304 : 2003	Dipotassium hydrogen phosphate	April, 2024	_	Indigenous
71	Reviewed In : 2024	for electroplating - Specification	Aprii, 2024]	marganous
	Decision taken to	101 electropiating - Specification			
	Reaffirm and				
	Archive				
42	IS 1809 : 1979	Specification for nickel salts for	June, 2019	1	Indigenous
74	Reviewed In : 2019	electroplating (Second Revision)	June, 2019	1	marganous
43	IS 1809 : 2024	Nickel Salts for Electroplating â€"			Indigenous
¬¬	15 1007 . 2027	Specification (Third Revision)			margonous
1	<u>I</u>	~peementon (mind Nevision)		+	

44	IS 1880 : 1977	Specification for zinc oxide and	April, 2024	1 .	Indigenous
**	Reviewed In: 2024	zinc salts for electroplating (First	April, 2024		margenous
		Revision)			
45	IS 2211 : 1993	Anhy drous sodium thiosulphate,	June, 2019	-	Not Equivalent
	Reviewed In: 2019	photographic grade - Specification			
	ISO 10636:1994	. (Second Revision)			
46	IS 2214 : 1977	Specification for silver nitrate,	May, 2024	-	Indigenous
	Reviewed In: 2024	pure and analytical reagent (First			
47	IS 2318 : 1980	Revision) Specification for silver nitrate,	May, 2024	_	Indiannous
4/	Reviewed In : 2024	photographic grade (Second	May, 2024	-	Indigenous
	Decision taken to	Revision)			
	Reaffirm and	110 (131011)			
	Archive				
48	IS 246 : 1986	Specification for sodium	June, 2019	-	Not Equivalent
	Reviewed In: 2019	thiosulphate, crystalline,			
	ISO 10636:1994	photographic grade (Fourth			
10	IC 2026 2024	Revision)			T 1'
49	IS 3026 : 2024	TIN SALTS FOR ELECTROPLATING -		-	Indigenous
		SPECIFICATION Third Revision			
50	IS 330 : 2023	CHROMIUM TRIOXIDE -		_	Indigenous
	10 000 1 2020	SPECIFICATION Third Revision			indigenous
51	IS 388 : 2024	Hydroquinone, Photographic		-	Identical under dual
	ISO 423: 1994	Grade â€" Specification (Fourth			numbering
	ISO 423 : 1994	Revision)			
52	IS 388 : 1999	Hydroqui5, photographic grade -	June, 2019	-	Identical under dual
	Reviewed In: 2019	Specification (Third Revision)			numbering
53	ISO 423 : 1994 IS 4173 : 1975	Smarification for 1	J.,, 2010	1	Indiamono
) 33		Specification for 4 - Methylaminophenol sulphate (First	June, 2019		Indigenous
	Reviewed in . 2017	Revision)			
54	IS 4846 : 1968	Specification for sodium potassium	June, 2019	-	Indigenous
	Reviewed In: 2019	tartrate (Rochelle Salt)	•		
55	IS 4846 : 2024	Sodium Potassium Tartrate		-	Indigenous
		(Rochelle Salt) â€" Specification			
7.0	YG 40.47 200.6	(First Revision)	2024	ļ	Y 1'
56	IS 4847 : 2006	Copper salts for electroplating -	May, 2024	-	Indigenous
57	Reviewed In: 2024 IS 500: 1999	Specification (Second Revision) Potassium metabisulphite,	June, 2019	+	Identical under dual
	Reviewed In : 2019	photographic grade - Specification	Julie, 2019	_	numbering
	ISO 3629:2000	(Fourth Revision)			numbering
58	IS 500 : 2024	Potassium Metabisulphite,		-	Identical under dual
	ISO 3629:2000	Photographic Grade â€"			numbering
	ISO 3629:2000	Specification (Fifth Revision)			_
59	IS 5003 : 1968	Specification for cadmium oxide	May, 2024	-	Indigenous
	Reviewed In : 2024	for electroplating	T 4010	1 .	
60	IS 5379 : 1969	Ammonium thiosulphate,	June, 2019	1	Not Equivalent
	Reviewed In: 2019 ISO 3619:1994	photographic grade			
61	IS 5380 : 1976	Specification for sodium bromide,	April, 2024	<u> </u>	Indigenous
"		photographic grade (First Revision)	11pm, 2027		margenous
	Decision taken to				
	Reaffirm and				
	Archive				
62	IS 557 : 2024	Sodium Acetate, Photographic		-	Identical under dual
	ISO 3943 : 1993	Grade â€" Specification (Fourth			numbering
	ISO 3943 : 1993	Revision)	I. 2010	1	T.1
63	IS 557 : 1988	Specification for sodium acetate,	June, 2019	-	Identical under dual

	Reviewed In: 2019 ISO 3943: 1993	photographic grade (Third Revision)			numbering
64	IS 5761 (Part 1): 1984 Reviewed In: 2024	Specification for gold cyanide and gold potassium cyanide for electroplating: Part 1 for commercial/engineering applications (First Revision)	May, 2024	-	Indigenous
65	IS 5761 (Part 2): 1984 Reviewed In: 2024	Specification for gold cyanide and gold potassium cyanide for electroplating: Part 2 for special applications (First Revision)	May, 2024	-	Indigenous
66	IS 6139: 1990 Reviewed In: 2024 Decision taken to Reaffirm and Archive	Sizes of black and white and colour photographic paper in sheets for general use specification (First Revision)	April, 2024	-	Indigenous
67	IS 6155 : 1987 Reviewed In : 2019 ISO 424:1994	Specification for sodium carbonate, monohydrate, photographic grade (First Revision)	June, 2019	-	Not Equivalent
68	IS 6212 : 1992 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Determination of thiosulphate and other residual chemicals in processed photographic films, plates and papers - Method of test (First Revision)	April, 2024	-	Indigenous
69	IS 6267 : 1971 Reviewed In : 2024	Specification for silver cyanide and silver potassium cyanide for electroplating	May, 2024	1	Indigenous
70	IS 6358 : 1971 Reviewed In : 2024	Specification for potassium and sodium cyanides for electroplating	May, 2024	1	Indigenous
71	IS 6588: 1972 Reviewed In: 2024 Decision taken to Reaffirm and Archive	Specification for gold chloride (Chloroauric Acid)	May, 2024	-	Indigenous
72	IS 6650: 1972 Reviewed In: 2024 Decision taken to Reaffirm and Archive	Method for the determination of residual thiosulphate and tetrathionate in processed photographic papers	April, 2024	-	Indigenous
73	IS 6678 : 2024 ISO 3619 : 1994 ISO 3619 : 1994	Ammonium Thiosulphate Solution, Photographic Grade â€" Specification (First Revision)		-	Identical under dual numbering
74	IS 6678 : 1972	Specification for ammonium thiosulphate solution, photographic grade	June, 2019	1	Identical under dual numbering
75	IS 7038: 1973 Reviewed In: 2024 Decision taken to Reaffirm and Archive	Specification for chloroplatinic acid (Platinum Chloride)	April, 2024	-	Indigenous
76	IS 7067 : 1973 Reviewed In : 2024	Specification for fluoboric acid and metal fluoborates for electroplating	May, 2024	-	Indigenous
77	IS 8281 : 1976 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for hydroxylamine sulphate, photographic grade	April, 2024	-	Indigenous
78	IS 8590 : 2023	INDIUM SULPHATE FOR		-	Indigenous

	1	1		1	
		ELECTROPLATING�			
		SPECIFICATION (First Revision)			
79	IS 8984 : 1978	Dimensions of 127, 120 and 620	April, 2024	1	Indigenous
	Reviewed In: 2024	roll film, backing paper and film			
	Decision taken to	spools			
	Reaffirm and				
	Archive				
80	IS 9341 : 1979	Specification for sulphamic acid	May, 2024	-	Indigenous
	Reviewed In: 2024	for electroplating			
81	IS 9342 : 1987	Specification for sodium	May, 2024	1	Indigenous
	Reviewed In: 2024	hypophosphite for electroless			
		plating (First Revision)			
82	IS 9343 : 1979	1-phenyl-3-pyrazolidone,	April, 2024	1	Indigenous
	Reviewed In: 2024	photographic grade			
	Decision taken to				
	Reaffirm and				
	Archive				
83	IS 9909 : 2023	Specification For Succinic Acid		-	Indigenous
		For Electroless Plating First			_
		Revision			
84	IS 9923 : 1981	Specification for palladium salts	April, 2024	-	Indigenous
	Reviewed In: 2024	for electroplating			
85	IS 9924 : 2024	Rhodium Salts for Electroplating		-	Indigenous
		â€" Specification (First Revision)			
86	IS 9924 : 1981	Specification for rhodium salts for	June, 2019	-	Indigenous
	Reviewed In: 2019	electroplating			

Standards under Development

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

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

	Drafts Standards in WC Stage					
SI. No.	Doc No.	Title				
1	CHD 5 (25544) Revision	Strontium Sulphate for Electroplating - Specification first revision				
	of: IS 10982:1984					
2	CHD 5 (25545) Revision	Hydrofluosilicic Acid for Electroplating - Specification first revision				
	of: IS 12201:1987					

	Draft Standards Completed WC Stage					
SI. No.	Doc No.	Title				
1	CHD 5 (24799) Revision	Copper Salts for Electroplating - Specification				
	of: IS 12201:1987					
2	CHD 5 (24802) Revision	Cadmium Oxide for Electroplating - Specification				
	of: IS 12201:1987					
3	CHD 5 (24803) Revision	Fluoboric Acid and Metal Fluoborates for Electroplating - Specification				
	of: IS 12201:1987					
4	CHD 5 (24804) Revision	Phenol Sulphonic Acid for Electroplating - Specification				
	of: IS 12201:1987					

	_	
5	CHD 5 (25535) Revision	Silver Cyanide and Silver Potassium Cyanide for Electroplating - Specification First Revision
	of: IS 12201:1987	
6	CHD 5 (25539) Revision	Potassium and Sodium Cyanides for Electroplating - Specification Second Revision
	of: IS 12201:1987	
7	CHD 5 (25595)	Photography - Photographic Grade Chemicals - Test methods - Part 1 General
8	CHD 5 (25599)	Photography - Photographic Grade Chemicals - Test Methods - Part 2 Determination of Matter
		Insoluble in Water
9	CHD 5 (25601)	Photography - Photographic Grade Chemicals - Test Methods - Part 3 Determination of Matter
	· · · · ·	Insoluble in Ammonium Hydroxide Solution
10	CHD 5 (25602)	Photography - Photographic Grade Chemicals - Test Methods - Part 4 Determination of Residue
	, , ,	after Ignition
11	CHD 5 (25603)	Photography - Photographic Grade Chemicals - Test Methods - Part 5 Determination of Heavy
	, , ,	Metals and Iron Content
12	CHD 5 (25604)	Photography - Photographic Grade Chemicals - Test Methods - Part 6 Determination of Halide
	, , ,	Content
13	CHD 5 (25607)	Photography - Photographic Grade Chemicals - Test Methods - Part 7 Determination of Alkalinity
		and Acidity
14	CHD 5 (25608)	Photography - Photographic Grade Chemicals - Test Methods - Part 8 Determination of Volatile
		Matter
15	CHD 5 (25610)	Photography - Photographic Grade Chemicals - Test Methods - Part 9 Reaction to Ammoniacal
	, , ,	Silver Nitrate
16	CHD 5 (25611)	Photography - Photographic Grade Chemicals - Test Methods - Part 10 Determination of Sulfide
	\	Content
17	CHD 5 (25612)	Photography - Photographic Grade Chemicals - Test Methods - Part 11 Determination of Specific
		Gravity
18	CHD 5 (25613)	Photography - Photographic Grade Chemicals - Test Methods - Part 12 Determination of Density
19	CHD 5 (25614)	Photography - Photographic Grade Chemicals - Test Methods - Part 13 Determination of pH
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	Finalized Draft Indian Standard				
SI. No.	SI. No. Doc No. Title				
	No Records Found				

	Finalized Draft Indian Standards under Print					
SI. No.	Doc No.	Title				
1	CHD 5 (22553) Revision	Potassium Carbonate Anhydrous and Sesquihydrate Photographic Grade - Specification First				
	of: IS 13381:1992	Revision				
2	CHD 5 (23406) Revision	Sodium Carbonate Anhydrous and Monohydrate Photographic Grade - Specification Second				
	of: IS 6155:1987	Revision				
3	CHD 5 (23836) Revision	Sodium Thiosulphate Anhydrous and Pentahydrate Photographic Grade - Specification Third				
	of: IS 2211:1993	Revision				
4	CHD 5 (24662) Revision	4-Methylaminophenol Sulphate - Specification				
	of: IS 4173:1975					
5	CHD 5 (24664) Revision	Potassium Sulphite 650 g l Aqueous Solution for Photographic Industry - Specification				
	of: IS 10438:1983					
6	CHD 5 (24678) Revision	Benzotriazole Photographic Grade - Specification				
	of: IS 12125:1987					
7	CHD 5 (24679) Revision	Potassium Ferricyanide Photographic Grade - Specification				
	of: IS 12495:1988					

Total Published Standards:74 Total Standards Under development:28

Aspect Wise Report

Product: 69 Code of Practices: 0 Methods of Test: 5 Terminology: 0 Dimensions: 0 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 2290 : 1962	Zinc sulphate for electroplating
2	IS 3027 : 1964	Zinc cyanide for electroplating
3	IS 331 : 1951	Chrome Salt
4	IS 332 : 1967	Chromium Potassium Sulphate chrome Alum
5	IS 5381 : 1969	Quantity packaging of sensitized photographic materials
6	IS 5431 : 1979	Flammability requirements for motion picture safety films
7	IS 9644 : 1980	Sizes of film for medical radiography

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10246 : 1982	Specification for N N - Diethyl - P - Phenylene diamine sulphate photographic grade
	Reviewed In: 2024	
	Decision taken to Reaffirm	
	and Archive	
2	IS 10438 : 1983	Specification for potassium sulphite 650 g 1 aqueous solution for photographic industry
	Reviewed In: 2024	
3	IS 10472 : 1983	Specification for filter aid powder for use in electroplating
	Reviewed In: 2024	
4	IS 10668 : 1983	Specification for sodium formaldehyde bisulphite anhydrous photographic grade
	Reviewed In: 2024	
	Decision taken to Reaffirm	
	and Archive	
5	IS 10982 : 1984	Specification for strontium sulphate for electroplating
	Reviewed In: 2024	
6	IS 11484 : 1985	Specification for phenol sulphonic acid for electroplating
	Reviewed In: 2024	
7	IS 11603 : 2024	Ammonium Thiocyanate Photographic Grade Specification First Revision
	ISO 3622 : 1996	
8	IS 11751 : 2024	Sodium Sulphite Anhydrous Photographic Grade Specification First Revision
	ISO 418 : 2001	
9	IS 11752 : 2024	Sodium Metabisulphite Anhydrous Photographic Grade Specification First Revision
	ISO 3627 : 2001	
10	IS 11788 : 1986	Specification for 2 - Amino - 5 - Diethylaminotoluene hydrochloride photographic grade
	Reviewed In: 2024	
	Decision taken to Reaffirm	
	and Archive	
		Specification for sodium carbonate anhydrous photographic grade

11	L 12121 - 1097	
11	IS 12121 : 1987	
	Reviewed In: 2024 ISO	
1.2	424:1994	
12	IS 12125 : 1987	Specification for benzotriazole photographic grade
	Reviewed In: 2024 ISO	
	3618:1994	
13	IS 12201 : 1987	Specification for hydro fluosilicic acid for electroplating
	Reviewed In: 2024	
14	IS 12495 : 1988	SpecificatidN for potassium ferricyanide photographic grade
	Reviewed In: 2024 ISO	
	3624:1994	
15	IS 12496 : 1988	Sizes of film for industrial radiography
	Reviewed In: 2024	
	Decision taken to Reaffirm	
	and Archive	
16	IS 12517 : 1988	Specification for sizes of photographic film for graphic arts use
	Reviewed In: 2024	
	Decision taken to Reaffirm	
	and Archive	
17	IS 12519 : 1988	Specification for zinc pyrophosphate for electroplating
	Reviewed In: 2024	
18	IS 12533 : 1988	Specification for sizes of paper in rolls for phototypesetting and photolettering devices
	Reviewed In: 2024	
	Decision taken to Reaffirm	
	and Archive	
19	IS 12551 : 1988	Specification for potassium pyrophosphate for electroplating
	Reviewed In: 2024	
20	IS 12557 : 1988	Specification for sodium pyrophosphate for electroplating
	Reviewed In: 2024	
21	IS 12846 : 2023	Boric Acid Photographic GradeSpecification First Revision
22	IS 12865 : 1989	Potassium persulphate photographic grade - Specification
	Reviewed In: 2024	
	Decision taken to Reaffirm	
	and Archive	
23	IS 12875 : 1989	Aluminium potassium sulphate Potashalum photographic grade - Specification
	Reviewed In: 2024	
	Decision taken to Reaffirm	
	and Archive	
24	IS 12925 : 1990	Ferric ammonium edta solution photographic grade - Specification
	Reviewed In: 2024	
	Decision taken to Reaffirm	
	and Archive	
25	IS 13014 : 1990	Sodium gluconate for electroplating - Specification
	Reviewed In: 2024	
26	IS 13075 : 1991	Sizes of rolls of black and white and colour paper for roll paper printers
	Reviewed In: 2024	
	Decision taken to Reaffirm	
	and Archive	
27	IS 13104 : 1991	2 - Amino - 5 N - Ethyl N - 2 hydroxy ethyl aminotoluene sulphate photographic grade CD - 4
•	Reviewed In: 2024	, , , , , , , , , , , , , , , , , , ,
	Decision taken to Reaffirm	
	and Archive	
28	IS 13105 : 2024	2-Amino-5- N-Ethyl-N- 2-Methane Sulphonamido Ethyl Aminotoluene Sesqui Sulphate
20		Monohydrate Photographic Grade CD-3 First Revision
29	IS 13106 : 2024	Potassium Bromide Photographic Grade Specification First Revision
2)	ISO 420 : 1994	1 omostani Bronnae i notograpnie orace specification i not revision
	100 720 . 1777	
30	IS 13381 : 1992	Potassium carbonate anhydrous and sesquihydrate photographic grade specification
	1	and the same of th

	Reviewed In : 2024 ISO 3623:1994	
31	IS 13443 : 1992 Reviewed In : 2024	Methylene chloride for degreasing prior to electroplating - Specification
32	IS 13651 : 1993 Reviewed In : 2024	1 - 1 - 1 trtchloroethane Methyl Chloroform for electroplating - Specification
33	IS 15304 : 2003 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Dipotassium hydrogen phosphate for electroplating - Specification
34	IS 1809 : 2024	Nickel Salts for Electroplating Specification Third Revision
35	IS 1880 : 1977 Reviewed In : 2024	Specification for zinc oxide and zinc salts for electroplating First Revision
36	IS 2211 : 1993 Reviewed In : 2019 ISO 10636:1994	Anhy drous sodium thiosulphate photographic grade - Specification Second Revision
37	IS 2214 : 1977 Reviewed In : 2024	Specification for silver nitrate pure and analytical reagent First Revision
38	IS 2318: 1980 Reviewed In: 2024 Decision taken to Reaffirm and Archive	Specification for silver nitrate photographic grade Second Revision
39	IS 246 : 1986 Reviewed In : 2019 ISO 10636:1994	Specification for sodium thiosulphate crystalline photographic grade Fourth Revision
40	IS 3026 : 2024	TIN SALTS FOR ELECTROPLATING - SPECIFICATION Third Revision
41	IS 330 : 2023	CHROMIUM TRIOXIDE - SPECIFICATION Third Revision
42	IS 388 : 2024 ISO 423 : 1994	Hydroquinone Photographic Grade Specification Fourth Revision
43	IS 4173 : 1975 Reviewed In : 2019	Specification for 4 - Methylaminophenol sulphate First Revision
44	IS 4846 : 2024	Sodium Potassium Tartrate Rochelle Salt Specification First Revision
45	IS 4847 : 2006 Reviewed In : 2024	Copper salts for electroplating - Specification Second Revision
46	IS 500 : 2024 ISO 3629:2000	Potassium Metabisulphite Photographic Grade Specification Fifth Revision
47	IS 5003 : 1968 Reviewed In : 2024	Specification for cadmium oxide for electroplating
48	IS 5379 : 1969 Reviewed In : 2019 ISO 3619:1994	Ammonium thiosulphate photographic grade
49	IS 5380 : 1976 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for sodium bromide photographic grade First Revision
50	IS 557 : 2024 ISO 3943 : 1993	Sodium Acetate Photographic Grade Specification Fourth Revision
51	IS 5761 (Part 1): 1984 Reviewed In: 2024	Specification for gold cyanide and gold potassium cyanide for electroplating Part 1 for commercial engineering applications First Revision
52	IS 5761 (Part 2): 1984 Reviewed In: 2024	Specification for gold cyanide and gold potassium cyanide for electroplating Part 2 for special applications First Revision
53	IS 6139 : 1990	Sizes of black and white and colour photographic paper in sheets for general use specification Fir

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54	IS 6155 : 1987 Reviewed In : 2019 ISO 424:1994	Specification for sodium carbonate monohydrate photographic grade First Revision
55	IS 6267 : 1971 Reviewed In : 2024	Specification for silver cyanide and silver potassium cyanide for electroplating
56	IS 6358 : 1971 Reviewed In : 2024	Specification for potassium and sodium cyanides for electroplating
57	IS 6588 : 1972 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for gold chloride Chloroauric Acid
58	IS 6678 : 2024 ISO 3619 : 1994	Ammonium Thiosulphate Solution Photographic Grade Specification First Revision
59	IS 7038 : 1973 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for chloroplatinic acid Platinum Chloride
60	IS 7067 : 1973 Reviewed In : 2024	Specification for fluoboric acid and metal fluoborates for electroplating
61	IS 8281 : 1976 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for hydroxylamine sulphate photographic grade
62	IS 8590 : 2023	INDIUM SULPHATE FOR ELECTROPLATING SPECIFICATION First Revision
63	IS 8984 : 1978 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Dimensions of 127 120 and 620 roll film backing paper and film spools
64	IS 9341 : 1979 Reviewed In : 2024	Specification for sulphamic acid for electroplating
65	IS 9342 : 1987 Reviewed In : 2024	Specification for sodium hypophosphite for electroless plating First Revision
66	IS 9343 : 1979 Reviewed In : 2024 Decision taken to Reaffirm and Archive	1-phenyl-3-pyrazolidone photographic grade
67	IS 9909 : 2023	Specification For Succinic Acid For Electroless Plating First Revision
68	IS 9923 : 1981 Reviewed In : 2024	Specification for palladium salts for electroplating
69	IS 9924 : 2024	Rhodium Salts for Electroplating Specification First Revision