

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

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

	Reaffirm and Archive				
29	IS 12875 : 1989 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Aluminium potassium sulphate (Potashalum), photographic grade - Specification	April, 2024	-	Indigenous
30	IS 12925 : 1990 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Ferric ammonium edta solution photographic grade - Specification	April, 2024	-	Indigenous
31	IS 13014 : 1990 Reviewed In : 2024	Sodium gluconate for electroplating - Specification	April, 2024	-	Indigenous
32	IS 13075 : 1991 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Sizes of rolls of black and white and colour paper for roll paper printers	April, 2024	-	Indigenous
33	IS 13104 : 1991 Reviewed In : 2024 Decision taken to Reaffirm and Archive	2 - Amino - 5[N - Ethyl N - 2, hydroxy ethyl] aminotoluene sulphate,photographic grade (CD - 4)	April, 2024	-	Indigenous
34	IS 13105 : 2024	2-Amino-5-[N-Ethyl-N-(2-Methane Sulphonamido Ethyl)] Aminotoluene, Sesqui Sulphate (Monohydrate), Photographic Grade (CD-3) (First Revision)		-	Indigenous
35	IS 13105 : 1991 Reviewed In : 2024	2 - Amino - 5 - [N - Ethyl - N - (2 - Methane Sulphonamido Ethyl) aminotoluene, sesqui sulphate (Monohydrate), photographic grade (Cd - 3)	May, 2024	-	Indigenous
36	IS 13106 : 2024 ISO 420 : 1994 ISO 420 : 1994	Potassium Bromide, Photographic Grade " Specification (First Revision)		-	Identical under dual numbering
37	IS 13106 : 1991 Reviewed In : 2024 ISO 420 : 1994	Potassium bromide, photographic grade	May, 2024	-	Identical under dual numbering
38	IS 13381 : 1992 Reviewed In : 2024 ISO 3623:1994	Potassium carbonate, anhydrous and sesquihydrate, photographic grade specification	May, 2024	-	Not Equivalent
39	IS 13443 : 1992 Reviewed In : 2024	Methylene chloride for degreasing prior to electroplating - Specification	April, 2024	-	Indigenous
40	IS 13651 : 1993 Reviewed In : 2024	1 - 1 - 1 trtchloroethane (Methyl Chloroform) for electroplating - Specification	May, 2024	-	Indigenous
41	IS 15304 : 2003 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Dipotassium hydrogen phosphate for electroplating - Specification	April, 2024	-	Indigenous
42	IS 1809 : 1979 Reviewed In : 2019	Specification for nickel salts for electroplating (Second Revision)	June, 2019	1	Indigenous
43	IS 1809 : 2024	Nickel Salts for Electroplating " Specification (Third Revision)		-	Indigenous

44	IS 1880 : 1977 Reviewed In : 2024	Specification for zinc oxide and zinc salts for electroplating (First Revision)	April, 2024	-	Indigenous
45	IS 2211 : 1993 Reviewed In : 2019 ISO 10636:1994	Anhydrous sodium thiosulphate, photographic grade - Specification . (Second Revision)	June, 2019	-	Not Equivalent
46	IS 2214 : 1977 Reviewed In : 2024	Specification for silver nitrate, pure and analytical reagent (First Revision)	May, 2024	-	Indigenous
47	IS 2318 : 1980 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for silver nitrate, photographic grade (Second Revision)	May, 2024	-	Indigenous
48	IS 246 : 1986 Reviewed In : 2019 ISO 10636:1994	Specification for sodium thiosulphate, crystalline, photographic grade (Fourth Revision)	June, 2019	-	Not Equivalent
49	IS 3026 : 2024	TIN SALTS FOR ELECTROPLATING - SPECIFICATION Third Revision		-	Indigenous
50	IS 330 : 2023	CHROMIUM TRIOXIDE - SPECIFICATION Third Revision		-	Indigenous
51	IS 388 : 2024 ISO 423 : 1994 ISO 423 : 1994	Hydroquinone, Photographic Grade " Specification (Fourth Revision)		-	Identical under dual numbering
52	IS 388 : 1999 Reviewed In : 2019 ISO 423 : 1994	Hydroquinone, photographic grade - Specification (Third Revision)	June, 2019	-	Identical under dual numbering
53	IS 4173 : 1975 Reviewed In : 2019	Specification for 4 - Methylaminophenol sulphate (First Revision)	June, 2019	1	Indigenous
54	IS 4846 : 1968 Reviewed In : 2019	Specification for sodium potassium tartrate (Rochelle Salt)	June, 2019	-	Indigenous
55	IS 4846 : 2024	Sodium Potassium Tartrate (Rochelle Salt) " Specification (First Revision)		-	Indigenous
56	IS 4847 : 2006 Reviewed In : 2024	Copper salts for electroplating - Specification (Second Revision)	May, 2024	-	Indigenous
57	IS 500 : 1999 Reviewed In : 2019 ISO 3629:2000	Potassium metabisulphite, photographic grade - Specification (Fourth Revision)	June, 2019	-	Identical under dual numbering
58	IS 500 : 2024 ISO 3629:2000 ISO 3629:2000	Potassium Metabisulphite, Photographic Grade " Specification (Fifth Revision)		-	Identical under dual numbering
59	IS 5003 : 1968 Reviewed In : 2024	Specification for cadmium oxide for electroplating	May, 2024	-	Indigenous
60	IS 5379 : 1969 Reviewed In : 2019 ISO 3619:1994	Ammonium thiosulphate, photographic grade	June, 2019	1	Not Equivalent
61	IS 5380 : 1976 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for sodium bromide, photographic grade (First Revision)	April, 2024	-	Indigenous
62	IS 557 : 2024 ISO 3943 : 1993 ISO 3943 : 1993	Sodium Acetate, Photographic Grade " Specification (Fourth Revision)		-	Identical under dual numbering
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 "Specification (First Revision)		-	Identical under dual numbering
74	IS 6678 : 1972 Reviewed In : 2019 ISO 3619 : 1994	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

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

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage

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

Draft Standards Completed WC Stage

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

5	CHD 5 (25535) Revision of: IS 12201:1987	Silver Cyanide and Silver Potassium Cyanide for Electroplating - Specification First Revision
6	CHD 5 (25539) Revision of: IS 12201:1987	Potassium and Sodium Cyanides for Electroplating - Specification Second Revision
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

Finalized Draft Indian Standard

Sl. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standards under Print

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

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 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for N N - Diethyl - P - Phenylene diamine sulphate photographic grade
2	IS 10438 : 1983 Reviewed In : 2024	Specification for potassium sulphite 650 g l aqueous solution for photographic industry
3	IS 10472 : 1983 Reviewed In : 2024	Specification for filter aid powder for use in electroplating
4	IS 10668 : 1983 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for sodium formaldehyde bisulphite anhydrous photographic grade
5	IS 10982 : 1984 Reviewed In : 2024	Specification for strontium sulphate for electroplating
6	IS 11484 : 1985 Reviewed In : 2024	Specification for phenol sulphonic acid for electroplating
7	IS 11603 : 2024 ISO 3622 : 1996	Ammonium Thiocyanate Photographic Grade Specification First Revision
8	IS 11751 : 2024 ISO 418 : 2001	Sodium Sulphite Anhydrous Photographic Grade Specification First Revision
9	IS 11752 : 2024 ISO 3627 : 2001	Sodium Metabisulphite Anhydrous Photographic Grade Specification First Revision
10	IS 11788 : 1986 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for 2 - Amino - 5 - Diethylaminotoluene hydrochloride photographic grade
		Specification for sodium carbonate anhydrous photographic grade

11	IS 12121 : 1987 Reviewed In : 2024 ISO 424:1994	
12	IS 12125 : 1987 Reviewed In : 2024 ISO 3618:1994	Specification for benzotriazole photographic grade
13	IS 12201 : 1987 Reviewed In : 2024	Specification for hydro fluosilicic acid for electroplating
14	IS 12495 : 1988 Reviewed In : 2024 ISO 3624:1994	Specification for potassium ferricyanide photographic grade
15	IS 12496 : 1988 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Sizes of film for industrial radiography
16	IS 12517 : 1988 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for sizes of photographic film for graphic arts use
17	IS 12519 : 1988 Reviewed In : 2024	Specification for zinc pyrophosphate for electroplating
18	IS 12533 : 1988 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for sizes of paper in rolls for phototypesetting and photolettering devices
19	IS 12551 : 1988 Reviewed In : 2024	Specification for potassium pyrophosphate for electroplating
20	IS 12557 : 1988 Reviewed In : 2024	Specification for sodium pyrophosphate for electroplating
21	IS 12846 : 2023	Boric Acid Photographic Grade Specification First Revision
22	IS 12865 : 1989 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Potassium persulphate photographic grade - Specification
23	IS 12875 : 1989 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Aluminium potassium sulphate Potashalum photographic grade - Specification
24	IS 12925 : 1990 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Ferric ammonium edta solution photographic grade - Specification
25	IS 13014 : 1990 Reviewed In : 2024	Sodium gluconate for electroplating - Specification
26	IS 13075 : 1991 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Sizes of rolls of black and white and colour paper for roll paper printers
27	IS 13104 : 1991 Reviewed In : 2024 Decision taken to Reaffirm and Archive	2 - Amino - 5 N - Ethyl N - 2 hydroxy ethyl aminotoluene sulphate photographic grade CD - 4
28	IS 13105 : 2024	2-Amino-5- N-Ethyl-N- 2-Methane Sulphonamido Ethyl Aminotoluene Sesqui Sulphate Monohydrate Photographic Grade CD-3 First Revision
29	IS 13106 : 2024 ISO 420 : 1994	Potassium Bromide Photographic Grade Specification First Revision
30	IS 13381 : 1992	Potassium carbonate anhydrous and sesquihydrate photographic grade specification

	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 First

	Reviewed In : 2024 Decision taken to Reaffirm and Archive	Revision
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 Chlorauric 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