

## REFERENCES

1. E. Raub and K. Muller  
Fundamentals of Metal Deposition published by Elsevier,(London), 1967.
2. J.O.M. Bockris and G.A. Razumney  
Fundamental aspects of Electrocrystallisation, published by Plenum Press.(New York), 1967.
3. H. Brown, Plating, 55, 1968; 1047
4. A. H. Du Rose, Trans, Inst. Met. Finish. 38, 1961; 27.
5. W. R. Doty and B. J. Riley, J. Electrochem. Soc. 114, 1967, 50
6. W. R. Meyer and A. Philips. Trans. Electrochem. Soc. 73, 377.
7. Ottel, chem. Ztg. 1893; 17. 543.
8. Bushman D, prod finish , 59, 05, 1995 Feb; 48-51.
9. N. George, A Dibari . Plating Surf.finish, 83, 10; 1996 Oct; 10-4.
10. Vanden Brande , P.Dumont and others. (Belgium), J.Appl. Electrochem, 24, 03, 1994 March ; 201-5(s).
11. Aitov R.G., Shein A.B. and others Elektrokimiya, 29 ,05, 1993 May ; 6,11 (Russia).
12. W.H. Safraneh ,F.B. Dahle and others plating 46 . 1959; 599.
13. R.parhinson, 1<sup>st</sup> India Int. Electroplating and metal finish Cong. Bombay, 1997; Jan, 21-23.

14. I. Adams, Trans. Am. Electrochem. Soc. 9, 1906; 211.
15. O. P. Watts, Trans. Am. Electrochem. Soc. 23, 1913; 99.
16. O. P. Watts, Trans. Am. Electrochem. Soc. 23, 1916; 395
17. H. Brown, Trans. Inst. Met. Finish. 47, 1969 ; 63.
18. R. J. Clauss, R. W. Klein, R. A. Tremmelan and N.C. Adamowicz, plating, 58, 1971; 679
19. J. J. Hoekstra, D Traivich, J. Electrochem. Soc. 111, 1964 ; 162.
20. Talaat El. Mallah, Reda Gad. M.. Egypt Trans. Metal finisher's Assoc. India, 3, 04, 1994 Oct-Dec.; 35-47
21. Graves B.A. Prod. Finish .59 .12.1995 Sept.; 52-6.
22. H. Leidheiser, Tran.Inst. Finish. 31, 1954; 207.
23. S. S. Kruglikov, N. T. Kudryartsev and E. V. Semina, 7<sup>th</sup> Inst. Met. Finish Conf., Hanover, 66; May 1968.
24. M. H. Jones and M. G. Kenez, plating, 53, 1966; 995
25. E. J. Roehl and W. A. Wesley plating, 37. 1950 ; 142.
26. C. Struyk and A. E. Carlson, plating, 37, 1950; 1242.
27. R. C. Barrett, Electrotypers and Stereotyper's Bull, 36, 1950; 55

28. C. F. Gurnham, Prod. Finish. 18 , 1953 ; 54.
29. E. B. Saubestre, plating, 45. 1958; 479.
30. George A. Dibari Special Metal finish Guidebook,95,1A ,1997 ;267-87.
31. Krishnan, Elangovan, T. Sriveeraraghavan Jayakrishnan s, Natarajan S.R.,  
CECRI (karaikudi), Trans SAEST ,29,3-4,1994 July-Dec ;244.
32. Dibari G.A. plating Sur. Finish. 82, 8, 1995 Aug.; 62-3.
33. S. Sriveerraghavan, G. Senthilnathan, C. J. kennady, A. G.Kumar,  
R.M.krishnan, S. jayakrishnan ,S.R.Natarajan and K.Balkrishnan ,CERI  
(Karaikudi),Trans.Inst.Metal Finish, 77,6;1999 Nov;218.
34. Dr.George A. Dibari plat. Surf, Finish 84,8 ,1997 Aug 60-1.
35. Bodnevas A. . Zahavi ,Israel ,plating Surf.Finish ,81 ,12 ,1994,Dec.; 75-9(S) .
36. G.Davaraj, 1<sup>st</sup> Indiainst.Electroplating and Metal Finish Cong.,(Bombay),  
1997 Jan.21-23 ;C.P.61(A).
37. Bodneras A Zahavi J, Israel, plat surf Finish 80 ,07,1993 July;53-6(s).
38. R.M.Krishnan ,T Elankovan, A.Aruna, S.Sriveerraghvan, Shoba, Jayakrishnan,  
Bull Electrochem 12,5-61996May-June.
39. Mimani T, Mayanna S.M., Munichandrajah N. ,(Bangalore), J. Appl.  
Electrochem.23, 4; 1993 Apr: 339-45.
40. V. B. Singh, R. S. Sarabi, (India), plating Surf Finish, 83, 10, 1996, Oct; 54-7.

41. Aabaubi O, Chopart J. B. (France), 46<sup>th</sup> Annual Meeting External abstract, I, 1995 Aug.27:1-13.
42. Tochitskii T.A. Fedosyul V.M. Boltushkin A.V., Dmitrieva A.E. *Elektrokhimiya*, 30. 02, 1994; 201 (Russia).
43. Gomez E; pollina R, Valles E. (Spain), *J. Electroanal Chem* 397 ,1-2, 1995 Nov; 111-8(A).
44. Singh V.B., Adeghe S.R, Varanashi. *Matter Chem. phys.* 39,2,1994 Dec.; 124-8(A).
45. Singh V.B., Sadeghi Sarabi R, Varanashi, *Matter Sci. Technology* ,11,03, 1995 Mar.317-21.
46. Yeager F. Scherson D.A. *Electrochemical Soc. 170<sup>th</sup> Fall meeting, ex.abstract, California* ,86-2, 9-24,1986:662.
47. Gadzhov I. , Nenon I. , *Elektrokhimiya*, 24 ,1998;12.
48. Swalneim D.A. *plating Surf .Finish.* 72.1985 Feb.;72.
49. Aitov R.G., Shein A.B. *Elektrokhimiya* ,29,05,1993 May ;6-11,408(A).
50. N. Myung, P.T.A. Sumdjo and K. Mobe (Los Angeles). *Electrochem Soc. 190<sup>th</sup> fall meeting* 96-2 ,1996, Oct:6-11,408.
51. I. Milosev and M. Metikos (Slovenia) *Electrochim. Acta*, 42, 10, 1997; 1537-48(A).
52. F. Lantelme , A. Seghioer (France), *J. Appl. Electrochem.* 28, 9, 1998 Sept.; 907-13.
53. Balathandon S, Seshadi S.K. (Madras) *Metal Finish*, 92.2, 1994 Feb; 49-50.

54. C.A.Snavely *proc.Am.Electroplate Soc.*,47,1961;38.
55. T. Radhakrishnan and L.Shreir ,*Electrochim. Acta* ,11,1966;1007.
56. H. J.Read *Hydrogen Embrittlement in metal finishing Reinhold*,  
(NewYork), 1961.
57. Glasstone *Chem.Soc.* 125,1924:2414.
- 58.I. Epellboin ,M froment and G.Maurin,*plating* ,56,1356,1970;57,633.
59. I. Epellboin and R.Wairt *J.Electrochem. Soc.*,118,1971,1577.
- 60.Franklin T.C. *plating surf.,finish* 81,04,1994 Apr,52-7.
- 61.C.Gao,Y.Liu and R.Liu,*plating,Surf ,finish*,84,9,1997 Sept;83-5.
62. Franklin T.C. *Surf. Coat Technol*,30,1987 May;4.