



World Literature Review

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| SURFACES | 011-33-01-43-47-30-80 |
| <i>Transactions of the Institute of</i> | |
| <i>Metal Finishing</i> | 011-44-0121-666-6316 |

Review Covers March Issues of SURFACES, GALVANO & Transactions of the IMF

SURFACES

March 1998 • Issue #276

Plating & Alternative Processes

- "Weakness of Adhesion Test Methods," B. Henri-Mazeaud & C. Viel
- "Physical Vapor Deposits," M. Cartier
- "Temperature Profile of the Furnace During Production ... Guarantee of Finish Quality," Dr. S.G. Offley
- "The Alloys of Aluminum—6000 Series," R. Wilmotte & Prof. Agrégé
- "System for Measuring Smoothness Defects on Metallic & Reflective Surfaces"

Fact or Fiction

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mentalists really want to save lives, we can do much better than worrying about the last part per zillion of something in food, in the atmosphere or in the dirt children might eat. We would save untold many more lives if we directed the resources at helping alleviate poverty world-wide. **R&SF**

Bibliography

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- G. Easterbrook, *A Moment on Earth*, Viking (1995).
- K. Brown, *Discover*, 18, 104 (January 1998).
- D.L. Ray and L. Guzzo, *Environmental Overkill—Whatever Happened to Common Sense?*, Regnery Gateway, Washington, DC (1993).
- I.M. Goklany, "Richer is Cleaner; Long Term Trends in Global Air Quality," *The True State of the Planet*, R. Bailey, Editor, The Free Press (1995).
- G. Chapman, K. Kumar, C. Fraser & I. Gaber, *Environmentalism and the Mass Media*, Routledge, London (1997).

Waste Treatment & Recycling

- "Treatment of Industrial Effluents by Active Sludges with Immersed Membranes," M. Praderie, H. Buisson, H. Paillard & T. Vouillon

GALVANO

March 1998 • Issue #683

Editorial

- "Pollution of the Soil—Or Where is Our PME Going?"

Plating & Alternative Processes

- "Analysis of Electroplating Baths—Cadmium Baths"
- "Report on the Day-to-Day Technique for Electroless Nickel"
- "Conference & Exhibition on Thermal Spray (UTSC) at Indianapolis," L. Pawlowski
- "Metals Process Group Starts Up in France"

Aeronautics

- "Environment: A Water-based Paint to Protect Aircraft Structures," J.-F. Brachotte
- "Surface Treatment Installation at the Alenia de Nola (Italy) Factory," A. Di Battista & R. Di Battista
- "Dalic & Aerspatial" (a review of cadmium substitutes)
- "The Technique 'High Pressure Water Jet' Applied to Repair Turbine Parts," S. Lallenec

Cleaning & Pretreatment

- "Surface Preparation & Surface Treatment," M. Houlot & A. Cormier
- "Optimization of the Surface Preparation for Fasteners," P. Preikschat & E. Popesco
- "Cleaning with Plastic Media & Corn Starch," N. Guérineau
- "The Different Stages for Surface Preparation," M.L. Lauvray

Editor's Note: Thanks to Dorothée Finé (German), Eliane Jeannier (French) and Mutsuko Inagaki (Japanese) for translations.

- "Automatic Systems for Impact Treatment Adapted to the Actual Work Conditions"

Transactions of the Institute of Metal Finishing

March 1998 • Vol. 76, Part 2

Editorial

- "More Thoughts on Research & Development in Metal Finishing," Dr. A. Kuhn
- "Plate Heat Exchangers in the Anodizing Industry," B.T.P. Williams & A.J. Miles

Plating & Alternative Processes

- "Direct Current Electrodeposition of Tin for the Coloration of Aluminum Oxide Films in the Presence of Malachite Green," S. Theohari & I. Tsangaraki-Kaplanoglou
- "Transparent Water-repellent Films Containing Fluoro-alkyl Functions by RF Plasma—Enhanced by CVD," A. Hozumi, H. Sekoguchi, N. Sugimoto & O. Takai
- "Electrodeposition of Tin-Lead Alloy on a Rotating Disk Electrode in Methane Sulphonic Acid Solutions," C.S. Chen, C.C. Wan & Y.Y. Wang
- "Determination of Tertiary Current Distribution in Electrodeposition Cells, Part 2: Prediction of Current Distribution on Shaped Cathodes with Moving Electrolyte," A.F. Averill & H.S. Mahmood
- "The Use of Electroforming for Engineering Tool Production," C. Bocking, G. Bennett & S. Dover
- "An Investigation of the Activation of PTFE & Graphite Fine Particles Prior to Electroless Plating," A.F. Karam, J.M. Krafft & G. Stremsdoerfer
- "On the Role of Poly(ethylene glycol) in Deposition of Galvanic Copper Coating," D. Stoychev