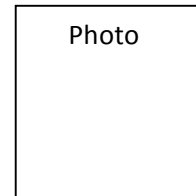


Precious Metal Plating for Electronic & Industrial Applications

Objectives

- Obtain a basic knowledge on plating
- Learn about the processes and equipments.
- Receive an overview on Applications
- Find out information on Environmental and legislative issues



Course Description

General Synopsis: For platers/non platers requiring a general understanding of Precious Metal Plating, its benefits and its applications. All precious metals will be discussed (Gold, Silver, Palladium and its alloys, Rhodium, Platinum and Ruthenium). Applications for these metals will be discussed as well their cost implications and calculations. Formulation information and the roles of process constituents will be covered. Operating conditions for types of plating processing (high speed, rack/ vat and barrel plating will be presented and well as process control (analysis and plating test methods). Environmental and legislative issues will also be covered.

Who Should Attend?

Technical Officers, Chemists, Laboratory Technicians, Engineers, Managers, R&D Personnel, Company CEOs, Graduate Students, Engineering College Lecturers and all those engaged in the Surface Finishing/Engineering Industries and allied technologies.

About the Facilitator/Instructor

Presenter Steven Burling FIMF: Currently employed by Metalor Technologies UK as Sales and Marketing Manager, Northern Europe, for the Advanced Coatings Division. Responsibilities, apart from Sales & Marketing, include the introduction of new precious metal plating processes to the European Market as well as liaising with colleagues in USA and the APAC regions. Started career in plating in 1969 working on the original trivalent chrome developments and later working on the development of hard gold plating using ultrasonic agitation. Since 1979 employed by Engelhard, later to become Engelhard-Clal and which since May 2002 has become a part of Metalor Technologies. Presented many papers at various NASF SurFin conferences since 1999 related to precious metal plating. Currently; President of the International Branch of the NASF. Has also presented papers at conferences in Europe, India and China. Has also presented

papers at all the SEIA conferences in Singapore. Qualified as a graduate from the Southbank University in 1978 and has been working in the field of electroplating for 44 years