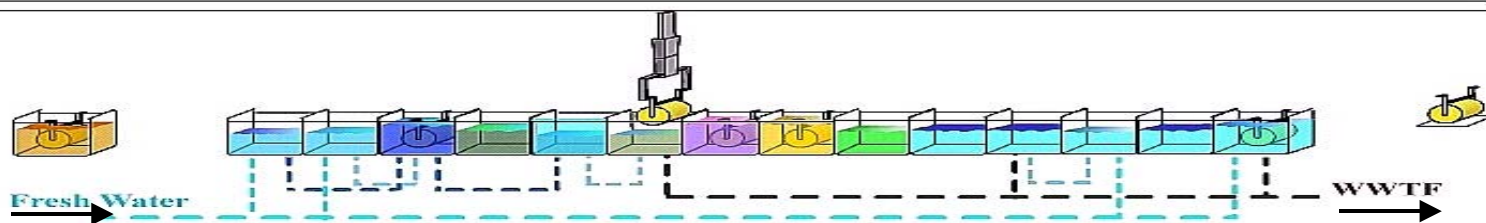


Technology Demonstration Workshop

A Chemical-Metal Zero-Discharge Technology for Profitable Pollution Prevention in Electroplating Processes



Sponsored by: Michigan Dept. of Environmental Quality
KC Jones Plating Company
Wayne State University

Location: KC Jones Plating Company

Date: Aug. 17, 2007



Workshop Description

The Laboratory for Multiscale Complex Systems Science and Engineering at Wayne State University (WSU) developed a novel technology for minimizing chemical-metal discharge in plating processes in 2004. The technology is one of the seven Profitable Pollution Prevention (P3) technologies developed at WSU that can not only significantly reduce waste, but also greatly improve production for maximum profitability.

Co-sponsored by Michigan Department of Environmental Quality (MDEQ), KC Jones Plating Company (KCJ), and WSU, Prof. Yinlun Huang, Director of the Laboratory, led his team to work closely with the engineering group of KC Jones Plating to successfully implement the technology in the cleaning-rinsing and plating-rinsing subsystems of a bronze cyanide plating line from 2005 to 2007. The technology implementation has led to great economic benefits due to significant reduction of chemical and metal consumption and waste.

In this workshop, Mr. Robert Jackson and Mr. David Herb of MDEQ will introduce this technology demonstration project. Prof. Yinlun Huang and his team at WSU will present the technology, its implementation and an economical and environmental analysis. Mr. Thomas Januszek and his team at KC Jones Plating will describe the system installation. A plant tour will follow after the presentations..

Who Should Attend

This workshop is arranged specifically for plant managers, process engineers, environmental engineers, and operation technicians of electroplating plants and

supply companies. Workshop attendees will also have the opportunity to speak with Prof. Huang about their operational and environmental issues as well as possible adoption of this and other P3 technologies in their plants.

Workshop Date/Time

Aug. 17 (Friday), 2007, 10:00 am – 12:30 pm.

Location

KC Jones Plating Company, 321 W. Ten Mile Road, Hazel Park, MI 48030; phone: (248) 399-8500.

Driving Direction:

Take I-75, take Exit 60 toward John R St/9 Mile Rd. (0.2 mi), merge onto N. Chrysler Dr. (1.3 mi), slightly right at 696 Service Dr. (0.1 mi), and turn right at W. Ten Mile Rd. (390 ft).

Registration

Registration is free. Since space is limited, please register in advance if you are interested:

- Mr. David Herb, P2 Research Grant Prog., MDEQ, Lansing, MI 48909; phone: (517) 241-8176; fax: (517) 241- 7966; e-mail: herbdw@michigan.gov.
- Prof. Yinlun Huang, Dept. of Chem. Eng. & Mat. Sci., Wayne State University, Detroit, MI 48202; phone: (313) 577-3771; fax: (313) 577-3810; e-mail: yhuang@wayne.edu.