Congratulations, New CEFs

Congratulations to these surface finishing professionals for completing the AESF exam in May to earn the title of Certified Electroplater-Finisher (CEF):

- Roger Rodriguez, CEF, Techno Spec, Labal, Canada
- Karen Rau, CEF, Los Alamos National Labs, Los Alamos, NM
- Todd Lewis, CEF, Lincoln Plating, Lincoln, NE
- Michael Graham, CEF, Performance Review Institute, Warrendale, PA
- Beth Carter, CEF, Goodrich AIP, Colorado Springs, CO
- Kenneth Haskins, CEF, Honeywell, Colorado Springs, CO
- Nicholas Rohrdanz, CEF, Dana Glacier Daido, Atlantic, IA

ASTM Seeks Participants For CASS Test Round Robin

ASTM Subcommittee B08.10 on Test Methods has initiated a round robin to study mass loss data for nickel panels. The subcommittee is seeking participants who perform the CASS test in ASTM 8 368, Standard Test Method for Copper-Accelerated Acetic Acid-Salt Spray (fog) Testing (CASS test).

ASTM member Cindy Meade said: "Nickel panels will be provided and participants will be asked to run a 22-hr test, then return their data to the program coordinator." Participants will collect the data and complete a detailed questionnaire. ASTM membership is not required.

"There's a lot of controversy over the nickel panel mass loss in the standard," Meade said. The committee will use the data collected to improve and clarify the standard.

To participate in the study, contact Cindy Meade, marketing director, National Exposure Testing, Sylvania, OH (phone: 419/841-1065; e-mail: cmeade@core.com). Subcomittee B08.10 is part of ASTM Committee B08 on Metallic and Inorganic Coatings. The committee will meet October 9–11 in West Conshohocken, PA.

Test Your Plating I.Q. #375

By Dr. James H. Lindsay, AESF Fellow

Porcelain Enameling

1. Porcelain enamels are fused to a metallic substrate at temperatures above _____.

2. Porcelain enamels are (3):
   a. glasses
   b. paints
   c. vitreous
   d. ceramics
   e. organic

3. Wet process methods for porcelain enameling include (3):
   a. electrostatic spraying
   b. electrophoresis
   c. dry powder spraying
   d. pulse plating
   e. flowcoating

4. Porcelain enamels can be formulated to exhibit high resistance to all acids except _____ and concentrated _____.

5. On sheet steel, a two-coat system, a wet ground coat and a white cover coat, typically comprise a total thickness of _____.

Answers on page 58

Gerlock is Mattiello Lecturer For FSCT Annual Meeting

Dr. John Gerlock, senior staff technical specialist for Ford Research Laboratories, will present the Joseph J. Matiello Memorial Lecture at the 80th annual meeting of the Federation of Societies for Coatings Technology (FSCT). Scheduled to take place October 30–November 1 at the Morial Convention Center, New Orleans, the meeting will be held in conjunction with the International Coatings Expo, and the Internatiional Coatings Technology Conference. The lecture will be given as part of the Opening Session on Wednesday, October 30.

Chosen from among those who have made outstanding contributions to science, the Mattiello lecturer is selected to present a paper on a phase of chemistry, engineering, human relationships, or other sciences fundamental to paint, varnish, lacquer, or related protective or decorative coatings.

SFCHINA Will Be Held In Guangzhou in November

The 15th China International Exhibition for Surface Finishing & Coating Products (SFCHINA) will be held in November 2002 in the capital city of Gaungdong Province, Guangzhou, P.R. China.

First held in 1983, the event serves as a key gateway for suppliers to launch, enhance and expand business in the China market. The 2001 event, held in Shanghai, saw a total of 227 exhibitors, while attract-

ing 8,416 visitors. China entered the World Trade Organization (WTO) in December 2001.

For more on the exhibit and program, contact Sinostar International, Ltd. (phone: 852 2865 0062; FAX: 852 2804 2256; e-mail:info@sinostar-intl.com.hk;Website: www.sfchina.net).

Information Assurance Event Is Hosted by NCMS, NIST

The National Center for Manufacturing Sciences (NCMS) and the National Institute of Standards and Technology (NIST) recently conducted a working session among manufacturing opinion leaders to establish national standards for protecting proprietary information. The session was held on June 27 at The Dearborn Inn, Dearborn, MI.

The Bush Administration's national plan for information systems concluded that industrial control systems are critical points of vulnerability in the U.S.'s utilities and industrial infrastructures. To address the concern, NIST is supporting the development and dissemination of standards for process control security. Accordingly, sessions that were hosted by NCMS were structured to facilitate dialogue toward the definition of priorities for securing discrete manufacturers' network environments. The objectives of the organizers were to:

- Identify vulnerable scenarios for discrete manufacturing enterprises.
- Define potential threats to control systems and related production, and other information systems in the extended manufacturing enterprise.
- Define the security requirements for the systems.

Company News

Pavlish

Pavco, Warrensville Heights, OH, has announced that J. Scott Pavlish has been elected president of the company. Pavco manufactures products for the global plating and metal finishing industry. Pavlish holds a BS in economics from Clemson University, and an MBA from Case Western Reserve University. He joined the Pavco management team in 1986 and has been providing sales and management support for more than 15 years.

The company's 100,000 ft^2 manufacturing facility is located in Cleveland, OH.

Workers at OMG Galvanotechnik put a new sign in place that reflects the company's name change.

Degussa Galvanotechnik GmbH has changed its name to OMG Galvanotechnik GmbH. The change was made because the precious metal activities of Degussa AG have been integrated into OMG, a vertically integrated supplier of metal-based specialty chemicals, with headquarters in Cleveland, OH. OMG Galvanotechnik GmbH is now a part of OMG's Electronic Chemicals group with OMG Fidelity, a Newark, NJ-based supplier of electroless nickel and electrolytic tin chemistries to the electronics industry. With a worldwide staff of 5,200, OMG has production facilities in America, Europe, Asia, Africa and Australia.

Greene

FinTech, LLC, Denver, CO, has been purchased by Ken Greene, a member of the AESF Colorado Branch. The purchase involved all assets of the company, including a 65,000 ft^2 manufacturing facility located next to the Stapleton Development campus.

Established in 1976 as AAA Plating, the shop was later re-organized as FinTech, Inc. Well established in the region as a zinc plating facility, FinTech, LLC employs 50 people. The shop provides electroplating of zinc, silver, gold, hard and soft anodizing, electroless nickel, chromate conversion, powder coating, wet painting, and silkscreen. The jobshop serves a number of major industries, including military, automotive, medical, telecommunications, recreation products, computer technology, aerospace, and commercial construction.

Greene is a former CEO of Stanley Aviation. He was appointed by Colorado Governor Bill Owens to serve on the Colorado Commission on Science and Technology.

Ultra Clean Technology (UCT), Menlo Park, CA, has received awards for outstanding quality and service from Novellus Systems. UCT provides innovative gas and liquid management solutions for the semiconductor capital equipment industry.

Fischer Technology, Windsor, CT, has achieved ISO 9001:2000 certification. The company is also working to achieve ISO/IEC 17025 certification, which is special accreditation for testing and calibration laboratories.

Fischer has been manufacturing nondestructive thickness measurement and material testing instruments since 1953.

Custom Industrial Processing, Inc. (CIP), St. Marys, PA, has received ISO 9002/QS 9000 certification. CIP is a supplier of mechanical plating, galvanizing and secondary machining for metal components.

Westcott Distribution, New York, NY, has purchased Davis & Deale, a South African manufacturer of pumps. The company will be moved to Albury, Australia.

Westcott is developing a line of proprietary pumps to be sold in North America. ***P&SF***

Answers to I.Q. Quiz #375

1. 425°C (850°F)
2. a, c, d
3. a, b, e
4. Hydrofluoric; concentrated phosphoric
5. 150 to 255 µm (6 to 10 mils)