

## Battelle Appoints Kohrt As President & CEO

Battelle Corporation has named Dr. Carl F. Kohrt president and CEO. He was formerly the executive vice president and chief technology officer at Kodak.

Kohrt replaces Dr. Douglas E. Olesen, who retired recently after serving as president of Battelle since 1987.

## ASTM Changes Name To Reflect Global Scope

The American Society for Testing Materials (ASTM) has changed its name to ASTM International to reflect its worldwide activities, and the global applications and use of ASTM standards.

The organization's membership exceeds 30,000 technical experts from more than 100 countries. A spokesman for the society said ASTM's technical committees, which represent industry fields ranging from metals to the environment, have a long history of international activity. The organization was founded in 1898 as the American Chapter of the International Association for Testing and Materials.

## PMA Selected to Chair NAM Communications Council

The Precision Metalforming Association (PMA), Cleveland, OH, has become the first trade association to chair the National Association of Manufacturers' (NAM) Educational Council. Karen Kittle, director of membership and development for the PMA Educational Foundation, has been appointed to chair the council.

The Communications Council is a group of about 23 senior corporate communications executives who represent NAM member companies and member associations. The group offers counsel to NAM and the Manufacturing Institute (NAM's research and educational arm) on a range of projects that promote the importance of a competitive manufacturing sector to the nation's economic growth and quality of life.

The group also exchanges views with guests from the media and communications

## Test Your Plating I.Q. #370

By Dr. James H. Lindsay, AESF Fellow

### Plating Hardness

1. The Vickers indenter is a symmetrical pyramid with an included angle between the faces of \_\_\_\_ degrees. It makes a \_\_\_\_\_ mark on the sample.
2. Because many electrodeposits, particularly those that have hardnesses of interest, are very hard, \_\_\_\_\_ is the only material suitable for the indenter.
3. The Knoop indenter is an asymmetrical pyramid. It makes a \_\_\_\_\_ shaped mark on the sample, and only the \_\_\_\_\_ dimension is measured.
4. In reporting, all hardness values must also include the \_\_\_\_\_ value.
5. In order to avoid measuring the hardness of the substrate/plated coating combination instead of just that of the plating coating, the indentation depth should be no more than \_\_\_\_ of the total plate thickness.

Answers on page 56

fields on topics that affect NAM member companies and associations. Guests have included national pollsters Frank Luntz and John Zogby, senior economics writer Louis Uchitelle of the *New York Times*, economics columnist David Wessel of *The Wall Street Journal* and others.

Kittle follows in the footsteps of former Communications Council chairs from companies such as the Timken Co., Coors Brewing Co., Eastman Chemical Co., the Harris Corp., and Procter and Gamble.

## Company News

□ CP/PhibroChem, a supplier of industrial and specialty chemicals, has launched a new website ([www.phibrochem.com](http://www.phibrochem.com)). The site features the company's products, and provides links to industry associations, such as AESF, NAMF and MFSA.

Products offered by the company include adhesion promoters, adhesives, aluminum etching, anodizing, catalysts, metal plating, polymers, and water treatment.

□ Lucent Technologies, Murray Hill, NJ, has closed the operation of its Electroplating Chemicals & Services (EC&S) business at Staten Island, NY. A company spokesman

said the company has "determined that the EC&S business does not fit the company's strategic direction."

□ DeVilbiss, Binks and Owens Community College have teamed up to present a spray finishing technology workshop. The three-day training program is scheduled for May 29-31, 2002 in Toledo, OH. Classes will meet from 8:30 a.m. to 4 p.m., and will include both classroom and hands-on sessions. Two continuing education units (CEUs) will be awarded. Topics for the workshop will include:

- Equipment types and selection
- Equipment set-up, operation and maintenance
- Surface preparation and defect analysis
- Material selection
- Safety and regulatory concerns

For more information, contact Jaime Hollabaugh, Owens Community College, Center for Development and Training (phone: 800/466-9367, ext. 7357; e-mail: [jhollabaugh@owens.cc.oh.us](mailto:jhollabaugh@owens.cc.oh.us)).

□ Electro-Platers of York, Inc. (EPY),

Wrightsville, PA, has been presented with the 2001 Pennsylvania Governor's Award for Environmental Excellence.

By installing a new refrigeration system to control the temperature on its five plating baths, the company has reduced the volume of chromium and tin plating wastewater discharge to zero. The company expects to save more than \$25,000 annually from reduced water and chemical use, and hazardous waste handling.

Before installing the system, two plating baths had no control, other than well water running through the cooling coils and then flowing to the wastewater treatment system.

The new refrigeration system features a 40-ton closed-loop and cold-water refrigeration system. The circulation system includes an 800-gal cold water holding tank, pumps, and insulated pipes with temperature controllers that operate motorized valves at each plating bath when cooling is required. The system gives EPY control over the temperatures of all five plating baths, and reduces wastewater by limiting the system's use of well water.

EPY has been in the electroplating and metal



*Atotech Canada, Ltd., directors display their ISO 9001:2000 registration certificate (l-r): Julie Washmuk, director of finance & administration, Atotech Canada, Ltd.; Frederick Leitch, Atotech Corporate Legal Counsel; John Kinne, general manager, Atotech USA, Inc., and vice president for the Americas; Erich Knebel, president of Atotech Canada, Ltd.; and James Hilborn, president PC&P, Atofina Canada, Inc.*

finishing business for more than 50 years.

□ Atotech Canada Ltd., Burlington, Ontario, Canada, was recently presented with the new quality management standard ISO 9001:2000.

The firm originally achieved ISO 9002 registration in 1994, and is among the first companies to achieve the new standard, which succeeds ISO 9001, 9002 and 9003.

In accepting the certificate, Erich Knebel, president of Atotech Canada Ltd., expressed his gratitude for the essential contribution of Atotech's staff members who devoted

significant time and training effort.

Atotech Canada Ltd. manufactures and distributes specialty chemicals and commodities to the metal finishing, electroplating and electronics industries. **P&SF**

#### **Answers to I.Q. Quiz #370**

1. 136; square
2. Diamond
3. Diamond; long
4. Applied load
5. 1/10 (preferably 1/15)