



National Coil Coating
Association

Coil Lines

A Publication for the National Coil Coating Association

Fall Meeting Nears: Sept. 21-23



ASSOCIATION NEWS

Annual Trade Show Set for Sept. 21

Almost 25 companies will exhibit at the 2005 NCCA trade show on Wednesday, Sept. 21, from 4:30 to 7:30 p.m. The event will be held in the Grand Ballroom at the Renaissance Chicago Hotel.

A list of the exhibitors and links to their Web sites is posted at www.coilcoating.org. Exhibitors include companies specializing in design and supply of new coil coating lines, chemical pretreatments, pretreatment drying, primer and finish curing, catalytic and regenerative thermal air emission control technologies, and more. ☑

Third Annual Safety Award to Be Announced

The NCCA Safety Committee will announce the winner of the 2005 Safety Award on Thursday, Sept. 22, at the Fall Meeting in Chicago. After the announcement, the winning company will present the fundamentals of their safety program.

A total of 36 U.S. coater facilities competed for the award by submitting their safety data. The NCCA Safety Committee reviewed all data, selected the top five finalists, and then visited the facilities of three finalists. The winner will be announced at 8:30 a.m.

This is the third year for this NCCA award. Also Metals of Roxboro, N.C., received the award in 2004. Steelscape's facility in Kalama, Wash., received the first award in 2003. ☑

Five New Tutorials Go Online

Our aggressive marketing plan continues to unfold. One of the latest accomplishments is the completion of five online tutorials that are available at www.coilcoating.org and at www.coilcoatinginstitute.org.

Each tutorial is like an online video viewed with a Flash player, common on most computers. The five completed tutorials are:

1. Benefits of Prepaint
2. How to Join Prepainted Metal
3. How to Handle Coil Coated Metals
4. How to Form Prepainted Metal
5. Prepainted Cut-Edge: Tougher Than You Think

Each program is about 5-10 minutes long and is quickly downloaded on a DSL connection. The goal of the tutorials is to show how coil coating saves cost, time, and hassles. ☑



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www.coilcoating.org
www.coilcoatinginstitute.org

Mark Your Calendars

Sept. 21-23, 2005
2005 Fall Meeting
Renaissance Chicago Hotel
Chicago, Ill.

April 22-25, 2006
2006 Annual Meeting
J. W. Marriott Desert Springs
Palm Desert, Calif.

Sept. 26-29, 2006
2006 Fall Meeting
Baltimore Marriott Inner Harbor
Baltimore, Md.

April 14-17, 2007
2007 Annual Meeting
Marco Island Marriott
Marco Island, Fla.

Sept. 25-28, 2007
2007 Fall Meeting
Gaylord Opryland Resort
Nashville, Tenn.

Mission: To promote the growth of coil coated products.

Vision: NCCA is a unified organization providing the resources and leadership for coil coated materials to be the product of choice.

ASSOCIATION NEWS

Link to the NCCA Web Site

NCCA is asking all members to add a link on your company's Web site to the NCCA sites at www.coilcoating.org and www.coilcoatinginstitute.org. Doing so will increase NCCA's ranking on search engines and enable prospective customers to find our members (you). The NCCA Web sites already link to each member's site.

As part of our new marketing initiative, NCCA overhauled our main Web site and added a new site for prospective users of prepainted metal. To increase the ability of Web users to find our sites, NCCA needs as many links as possible pointing to our two sites.

Many search engines consider the number of links to determine the ranking of any given site. Adding a link is a simple procedure, but may require you to contact your Web site developer. ☐

NCCA Direct Mailers Now Available

NCCA direct-mail postcards are now available at the members' Web site. Members can freely download high-resolution pdfs, then print and mail them to customers and prospects.



Currently, five direct mailers are available: (1) "Outsource," (2) "Forming," (3) "Joining," (4) "Handling," and (5) "Cut-Edge." Each mailer includes room for an address label.

To access the mailers, go to www.coilcoating.org and sign in to the members' area. Click on Resources, then Marketing & More. ☐

Hex Chrome Resources Released

In late August, the NCCA Technology Committee distributed a CD that contains a collection of documents and Web links about hexavalent chromium. The CD is a product of the committee's efforts to research the hex chrome issue. The project was one of the initiatives of the NCCA strategic plan.

The CD includes a table of contents with links to document files and Web sites. The content includes basic information, methods of measuring/detecting hex chrome, and alternatives to hex chrome in other industries. Some documents must be purchased for a nominal fee on the Web.

The Technology Committee will discuss the next steps of the hex chrome initiative at the Fall Technical Meeting in Chicago. For a free copy of the CD, contact NCCA at 216-241-7333. ☐

Cocuzzi and Parks Named Committee Chairs

David Cocuzzi of Akzo Nobel has been named as the chair of NCCA's Program Planning Committee, and Chuck Parks of Roll Coater is the new chair of the Membership Committee.



Cocuzzi



Parks

The Program Planning Committee is now working on the 2006 Annual Meeting from April 22-25, 2006, at the Marriott Desert Springs in Palm Desert, Calif. Cocuzzi previously served as chair of our Technology Committee and our Membership Committee.

The Membership Committee continually explores ways to increase and retain association members. Chuck Parks has a long history with NCCA and is our immediate past president. He also serves as chair of the Nominating Committee. Parks and Cocuzzi are both members of NCCA's board of directors. ☐

Statistics Committee Returns

NCCA's Statistical Committee is returning to active duty.

The NCCA Executive Committee resurrected the committee to review and revise statistical policies, procedures, and categories and to consider if analytical data would be pursued.

Brad Bridgham of PPG Industries will serve as the chair of the committee. Potential committee members are now being recruited. If you would like to serve on this committee, contact NCCA at 216-241-7333. ☐

NCCA Fall Technical Meeting

Improving Processes: The Continuing Challenge

Sept. 21-23, 2005
Renaissance Chicago Hotel
Chicago, Illinois

Wednesday, Sept. 21

8:00 – 10:00 a.m.

Environmental Health Safety Committee

10:00 – 12:00 noon

Technology Committee

12:00 – 1:00 p.m.

First-Time Attendee/Guest Luncheon

1:30 – 4:30 p.m.

GENERAL SESSION

1:30 – 1:45 p.m.

Opening Remarks

1:45 – 2:30 p.m.

**Accelerated Weathering
10-Year Test Results**

David Cocuzzi, Akzo Nobel



Cocuzzi

Previous NCCA seminars have revealed the results of 5- and 7-year weathering tests to coatings. Now, for the first time, 10-year performance data are available and will be featured in this presentation.

David Cocuzzi, manager of coil coatings technology at Akzo Nobel, has worked in the area of industrial coatings for his entire career. He has served as chair of the Polymeric Materials: Science and Engineering division of the American Chemical Society, and chair of ASTM committee on D01.53 Coil Coated Metals.

2:30 – 2:45 p.m.

Break

2:45 – 3:15 p.m.

**Paint Temperature – A Variable
That Influences Coating
Application**

Tom McElveen, Alisco Metals



McElveen

Several variables influence the ability to control the application of liquid paint to aluminum substrate. In this session, Tom McElveen will reveal methods investigated by Alisco Metals to deliver paint at a controlled temperature.

McElveen has 35 years of experience with Alisco Metals in the areas of aluminum sheet processing and coil coating. Active in NCCA, he has served on our board of directors and our MACT task force.

3:15 – 4:15 p.m.

**Using Temperature to Stabilize
Coil Coating Processes**

Mike Bonner, St. Clair Systems



Bonner

This must-see presentation, the result of more than two years of intense research and development, promises to reveal innovative quality-improving cost-saving concepts backed by real-world data.

Mike Bonner, an electrical engineer, is the vice president of engineering and technology for St. Clair Systems, a supplier of process temperature control systems. Bonner searches for new processes that enable temperature to be used as a tool, not an uncontrolled variable.

4:30 – 7:30 p.m.

Trade Show and Reception

Thursday, Sept. 22

7:45 – 8:30 a.m.

Breakfast Buffet

8:30 – 12:00 noon

GENERAL SESSION

8:30 – 9:15 a.m.

2005 Safety Award Presentation

9:15 – 10:15 a.m.

**Safety First – First in Safety,
The AK Steel Story**

Jim Stanley, FDRsafety



Stanley

This presentation was among the highest-rated seminars at our 2004 Annual Meeting in Las Vegas. However, many missed this fascinating report on how AK Steel transformed the firm into an industry leader in quality, safety, productivity, and profitability.

After serving the Occupational Safety and Health Administration (OSHA) for nearly 25 years, Jim Stanley joined AK Steel in 1996 as vice president of safety and health. Since March 2004, he has been president of FDRsafety, a safety and health consulting firm. He now serves on the National Advisory Committee on Occupational Safety and Health and the National Safety Council's board of directors.

10:15 – 10:30 a.m.

Break

10:30 – 11:00 a.m.

**EPA's NPEP –
Minimizing Waste, Maximizing
your Bottom Line**

Newman Smith, Office of Solid
Waste, U.S. Environmental
Protection Agency



Smith

The EPA's National Partnership for Environmental Priorities program (NPEP) encourages organizations to form partnerships with EPA to reduce the use or release of any of 31 priority chemicals. This presentation will discuss the components and benefits of the program and examples of cost savings achieved.

Newman Smith is currently the EPA's key contact and team leader for NPEP. He holds an M.S. in geology and post-graduate work in public administration. In his 16 years at EPA, he has worked in several waste-related programs.

11:00 – 11:30 a.m.

**Hazardous Materials
Transportation Security
Requirements**

Barbara Waller, U.S. Dept. of
Transportation



Waller

This presentation will outline the specific requirements of U.S. DOT's security regulation, the potential security risks of transporting hazardous materials, and guidance on how to comply with the regulation.

Barbara Waller is a transportation specialist in the DOT's Office of Hazardous Materials Safety, seeking to improve hazardous materials safety and security in transportation.

**11:30 – 12:00 noon
Environmental Health & Safety
Committee Update**

Greg Gemgnani, Prior Coated Metals



Gemgnani

In April, NCCA's Government Relations Committee became the Environmental Health & Safety Committee. The focal point of key NCCA governmental activities, the committee works to protect the health and safety of employees and promote environmentally friendly products.

Greg Gemgnani, committee chair, has been with Prior Coated Metals since 1981. He has been their director of environmental, health, and safety since 1995.

**12:00 – 2:00 p.m.
Luncheon and Speaker
Stress Down with Humor**
John Madden



Madden

In this entertaining luncheon presentation, John Madden will use anecdotes, cartoons, and stories to explain how to reduce stress and enhance communications through humor.

Madden's amazing life story is a key part of his work as an international speaker, author, and trainer. Author of "Leap, Don't Sleep," Madden frequently speaks on customer service, coaching skills, creative problem solving, and time and stress management.

**2:00 – 5:00 p.m.
GENERAL SESSION**

2:00 – 2:30 p.m.
Marketing Committee
Jim Dockey

2:30 – 2:40 p.m.
Statistics Committee
Brad Bridgham

2:40 – 2:50 p.m.
Technology Committee
Marjorie Bell

2:50 – 3:00 p.m.
Membership Committee
Chuck Parks

3:00 – 3:15 p.m.
Break

**3:15 – 4:15 p.m.
NIR Drying & Curing: How to
Save Money in Color Coating
Operations**

Kai K.O. Baer, AdPhos Steel



Baer

Rising oil and gas prices are driving companies to reduce energy costs. This timely presentation will explain the new NIR technology, with case studies that demonstrate how to achieve up to a 50 percent reduction in energy operation costs.

Dr. Kai K.O. Baer, president of AdPhos Steel in Germany, is one of the inventors of the NIR technology. With a background in nuclear engineering and the European space program, Baer holds more than 50 patents. He is now responsible for AdPhos coil processing activities.

**4:15 – 5:00 p.m.
Maintenance: Full Steam Ahead
or Back to Basics**
Kevin Boyden, Cooper Coating



Boyden

Do you know the meaning of MTF, MTTR, FMECA, OEE, and TPM? Going beyond these basics, this seminar will reveal the latest in world-class maintenance strategies that keep your coil-coating processes operating at peak performance.

Kevin Boyden is an MBA-qualified operations/engineering manager who has published a dissertation on maintenance strategies and world-class manufacturing. He is now the manufacturing manager at Cooper Coating, with several years in maintenance management.

5:30 – 7:00 p.m.
Networking Reception



Friday, Sept. 23

7:30 – 8:00 a.m.
Breakfast Buffet

8:00 – 9:30 a.m.
GENERAL SESSION

8:00 – 9:00 a.m.
**Superfund at 25: The 25th
Anniversary of the Signing
of CERCLA**

Leonard Pasculli,
Sequa Corporation



Pasculli

This presentation takes a look back at the environmental movement that encouraged the creation of Superfund. Our speaker will then offer some tips on handling Superfund matters today.

With 23 years of experience handling Superfund litigation, Leonard Pasculli is a senior associate general counsel at Sequa Corporation, responsible for the company's environmental, safety, and health matters. He holds an M.B.A. and a J.D.

9:00 – 9:30 a.m.
**Water Management in
Today's Coil Coating Lines**
John Favilla, GE Infrastructure
Water & Process Technologies



Favilla

This presentation will explore the best uses of water in today's coil coating lines, with a focus on how best to control, conserve, recover, and reuse water.

John Favilla, with GE Betz for 25 years, is an engineering manager who is responsible for marketing and technical support of pretreatments and passivation treatments for the coil industry globally. He holds a bachelor's degree in chemistry and a master's degree in chemical engineering.

9:30 – 10:30 a.m.
Coater Member Meeting

9:30 – 10:30 a.m.
Non-Coater Member Meeting

10:30 – 12:30 p.m.
Program Planning Committee

President's Message

Improving Processes for 80 Years

By John Mitchell, NCCA President



If my sources are correct, 2005 marks the 80th birthday of the coiled metal industry. It all began in 1925 when someone dared to improve a manufacturing process.

The story of John B. Tytus has echoed through our industry's mills for several decades. It's a great story and deserves repeating.

There Must Be a Better Way

During World War I, Tytus was working at American Rolling Mill Co. in his hometown of Middletown, Ohio. (The firm later became known as Armco Steel, which later became AK Steel.) Around 1920, Tytus got to thinking there must be a better way to produce sheet steel.

For hundreds of years, sheet steel was manufactured using a hot, back-breaking, costly manual process. In the early 1900s, it's said that mill crews handled each billet 22 times before it became a finished sheet.

In his early years, Tytus had worked at his father's paper mill, also in Middletown. Reflecting on his father's continuous-sheet process at the paper mill, Tytus wondered if a similar process could be applied to steel. He then focused his attention on developing a method of continuously rolling sheets of steel.

"The Greatest Gamble"

His idea required a massive investment. To create the new process, Armco had to build a new mill, placing it in an old plant in Ashland, Ky. Armco's radical investment in this unproven process has been called "the greatest gamble in its history." If the new line had failed, it's said that Armco would have gone bankrupt.

The gamble paid off. By the late 1920s, Armco's mill was producing 40,000 tons of smooth-finish steel every month. The revolutionary new process produced higher quality sheets, faster, more economically, and in larger quantities than ever before imagined. As years went by, the industry continued to improve the process.

Transforming America

Affordable sheet steel literally transformed America. This cost-effective continuous-sheet process fed an emerging automobile industry that would soon put an automobile within the reach of nearly every American. The invention also fueled tremendous growth in the manufacture of appliances, airplanes, and thousands of other items.

Tytus' revolutionary idea has been called "one of the ten greatest inventions of modern times." Within 20 years of Armco's first mill, the U.S. had become the world's industrial giant.

Our Place in History

For us, applying coatings to coiled steel and aluminum is our great addition to Tytus' innovative process. Ever since 1962, NCCA has been devoted to increasing the awareness of coated metals and promoting the coil-coating process.

The amazing story of our industry is built on a foundation of *improving processes*. And that is the theme of our 2005 Fall Technical Meeting in Chicago ... "Improving Processes: The Continuing Challenge."

So, on our industry's 80th birthday, we plan to revitalize the very concept that gave birth to our industry. That same concept has brought us great success. And now, our future depends on our continuing efforts to improve processes.

Be a part of history. Come to our fall meeting on Sept. 21-23. But be prepared to think, participate, and innovate. John B. Tytus would be proud. 🇺🇸

Coil Lines

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John Mitchell
Nichols Aluminum
Lincolnshire, Ill.

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Kenwood Painted Metals
Homewood, Ill.

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LEGAL NEWS and Commentary

By Naomi R. Angel, Esq., NCCA Legal Counsel

Chicago Bans Use of Hand-Held Cell Phones While Driving

Add Chicago to the growing list of state and local jurisdictions banning the use of hand-held cell phones while driving. Violators face an initial fine of \$50, and \$200 if the violator is in an accident while using a hand-held cell phone. Calls to 9-1-1 are allowed. The measure passed May 11, 2005.

Tip: Studies have not found any statistical difference in the accident rate for drivers using hand-held cell phones compared to hands-free cell phones. However, some jurisdictions are ignoring the studies. Wherever you drive, drive safely. If you will be driving in Chicago during the Fall Technical Meeting, be aware of the penalties. ☒

Who Will Sabotage Your Office Computer?

A recent study by the Department of Homeland Security drew a picture of employees who are most likely to sabotage your company's computer(s). The most likely: disgruntled workers or former workers angry about disciplinary issues, terminations, or being passed over for promotions.

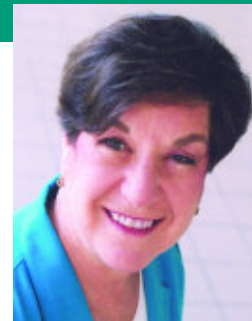
These saboteurs often have technical skills or work in the IT area. Such behavior is often prefaced by employment problems, including absences, late arrivals or early departures, lower work performance, and anger with other workers.

Tip: Be aware of employees who have computer access. Be alert to potential sabotage problems, and take steps to prevent them, such as performing automatic daily backups of critical files. Failure to do so can be costly. ☒

Businesses Fined \$500,000 for Using Pirated Software

Seven businesses in the Chicago area recently settled software piracy claims with the Business Software Alliance (BSA) for a collective total of \$585,000 in fines. The settlements resulted from the use of unauthorized copies of copyrighted software on office computers.

BSA is the voice of the world's commercial software industry, and its membership includes many of the best-known software companies in the world. It is serious about going after the use of unauthorized software. BSA periodically comes through U.S. cities encouraging company employees to tattle on the use of pirated software.



Naomi Angel

Tip: Employers should publicize and enforce a policy that prohibits employees from using unauthorized software on employer-owned computers. Randomly inspect the software on your computers to ensure that you comply with your policy. Check out the BSA's anti-piracy forms at www.bsa.org/usa/antipiracy/. ☒

Secondhand Sexual Harassment?

The California Supreme Court unanimously ruled that employees can sue for sexual harassment even if they are not the recipients of unwanted sexual advances. The decision reversed two lower court decisions.

The case: an employee alleged that her supervisor's sexual relationship with other employees created a hostile work environment by showing sexual favoritism for those who went along with the supervisor.

Tip: If you engage in a sexual liaison with an employee, your chances of getting sued for sexual harassment just increased dramatically. Don't do it. California's decision will likely encourage many more such lawsuits. ☒

Manufacturer Discriminates in Price Against a Distributor?

In its 2005-2006 term, the U.S. Supreme Court will consider a sensitive antitrust case between a manufacturer and a distributor. The case: a federal appellate court in St. Louis said that manufacturer Volvo Trucks North America discriminated in price against a competing distributor in the sale of heavy duty trucks. The court held that the manufacturer violated the Robinson-Patman Act.

However, an advisory brief filed by the U.S. Department of Justice and the Federal Trade Commission says the appellate decision was wrong. The brief alleges that Volvo's actions are fairly routine distribution practices. Many manufacturers and distributors are carefully watching this appeal.

Tip: The Supreme Court seldom takes Robinson-Patman Act cases for review. Since the Court has accepted (1) the appeal for argument and (2) the FTC's brief, it seems likely that appellate decision will be overturned. Stay tuned. ☒

This article is provided solely for informational purposes and does not constitute legal advice. If you have specific questions or concerns about a legal issue, consult your company's legal counsel for guidance.