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SSPC recently launched an all-new sspc.org! For quick access, use your smart phone to capture this barcode.



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What Will Happen Next?

Predicting the future is tough stuff. Just ask economists and meteorologists. Business people also know that figuring out what's coming in the next 12 months is about as accurate as predicting a roll of the dice. Fortunately, business forecasting is not entirely a guessing game. While we may not know what consumers are really going to want five years down the road, we can look at both historical and current trends to make a reasonable prediction. The challenge is deciding whether or not your products and services are adequate for what the market may need or if you should be trying to build a better mousetrap.

Even though we are a non-profit association, SSPC faces many of the same challenges as a small business, and many of the same rules apply. Probably the most relevant rule is that if you wish to survive and grow, you need steady revenue and manageable expenses. The question is: What should we do next?

Less than 30 years ago, SSPC's products revolved around standards, technical books, membership, and the annual conference. Our customers were primarily located in the United States, and every big owner had a "paint guy" on staff. In 2011, SSPC has customers in every corner of the world; our products have expanded to include training, certification, and a host of digital content; and many owners now rely on out-sourced consultants to provide them with coatings expertise.

The world has clearly changed and is still doing so at a rapid pace. The need for future intelligence is stronger now than it has ever been.

So how does SSPC figure out what to do and where to go? Quite simply, we ask our members and customers.

Occasionally, of course, new SSPC products arrive by way of a happy accident; however, the reality is that we spend a large amount of time looking at the marketplace, reviewing trends, and asking people what they need from us to do their

jobs better. As the industry becomes more global and intertwined, communication is the key to finding the best answer because what the industry needs in Shanghai is quite different from what it needs in New York City.

Because of our member-centered approach, some of you may have received several surveys from SSPC in recent months. This is also why we continue to increase our presence in social media like LinkedIn, Facebook, and Twitter. In addition, this focus makes your participation in SSPC very important, be it at the chapter level, the national level, or the international level.

SSPC is made up of its members, and we consider you the most important resource that the industry has. If you ever were a fly on the wall in an SSPC planning meeting, one of the first things you'd hear is, "How does this affect the members?"

As we move forward to shape the organization and influence the direction of the coatings industry over the next few years, please remember that we're listening to what you have to say. Your thoughts and needs are important to us. We will continue to reach out to you to find out what you think, and there are many ways to communicate with us in Pittsburgh. In addition to the social media outlets above, you can also participate in the Coatings-Talk email discussion group, contact SSPC through our web site (SSPC.org), email staff directly, or take the old fashioned route of picking up the phone. Regardless of the method you choose, SSPC is always happy to have your input. The future depends on it.



A stylized handwritten signature in black ink, consisting of a large 'M' followed by a series of loops and a long horizontal stroke.

Mike Kline
Director of Marketing, SSPC

New Coating Thickness Measurement Webinar Scheduled for Nov. 3; Four Others on Tap

Paul Lomax of Fischer Technology will present the SSPC/JPCL Education Series Webinar titled, "Practical Coating Thickness Measurement Overview," on Nov. 3, at 11:00 a.m. EST. This webinar replaces the previously scheduled "Rigging and Containing Debris in Water Tower Painting," which has been cancelled.

Lomax's webinar will discuss examples of factors that influence coating thickness measurement along with a streamlined means of normalizing and verifying gauge accuracy. In addition, state-of-the-art means of evaluating the results and transfer of data into various inspection reports will be demonstrated. It is sponsored by Fischer Technology.

Register for upcoming webinars at www.paintsquare.com/webinars.

Four Additional Webinars Set for 2011

On Nov. 16, from 11:00 a.m. to Noon EST, Tony Serdenes of Greenman-Pedersen will present the webinar, "Spot Repair and Priming as an Alternative to Full Coating Removal." This webinar will review the design of the spot repair coating alternative and will describe its benefits in terms of economics, corrosion control, and esthetics.

Stan Liang of KTA-Tator will present the webinar, "Aerial Lift and Scaffold Safety," on Nov. 30 from 11:00 a.m. to Noon EST. The webinar will address highlights of the OSHA Scaffold Standard, including scaffolding requirements, aerial lift requirements, and training requirements.



On Dec. 14, from 11:00 a.m. to Noon EST, Alison Kaelin of KTA-Tator will present a webinar on setting up contractor quality programs that will meet SSPC certification requirements. The webinar is titled, "Basic Steps in Creating a Contractor Quality Program: Comparison of Documentation, Hold Point and Quality Control Training Requirements in Various SSPC Contractor QP Standards."

The final SSPC/JPCL Education Series Webinar of the year, "Calculating Coating Lifetime Costs," will be given by Jayson Helsel of KTA-Tator on Dec. 19 from 11:00 to Noon EST. This webinar will explain how to identify coating systems for various service environments, estimate the service life of coatings, calculate the installed cost, and determine the most cost-effective system on a long-term basis.

SSPC is an accredited training provider for the Florida Board of Professional Engineers (FBPE). PEs in Florida can now submit SSPC Webinar Exam CEUs to the FBPE. If interested in submitting Webinar Exam CEUs to the FBPE, you must download the FBPE CEU form and successfully pass the Webinar Exam.

Participation in the webinars is free, but for those who wish to receive continuing education credits from SSPC, a test is available after each webinar. Cost of the test service is \$25. You can register through the SSPC Marketplace.

Fall webinars are part of the 2011 SSPC/JPCL Education Series and provide continuing education for SSPC recertifications as well as technology updates on important topics.

Deadline Approaching for SSPC Structure Award Entries

SSPC is accepting nominations from the membership for the annual Structure Awards. The deadline for nominations is Oct. 31, 2011. The awards recognize the work of teams of contractors, designers, end users, and coating manufacturers for excellence on particular coatings projects.

Winning projects will be honored at the Awards Luncheon during SSPC 2012 featuring GreenCOAT, which will be held in Tampa, FL. The luncheon is scheduled for Monday, Jan. 30 at 11:00 a.m. Winners will be featured in a photo essay in *JPCL* after the conference as well as reported in *PaintSquare News*. A representative of the structure owner must attend the awards luncheon to accept the award and give permission for the information to appear in *JPCL*.

For more information or a copy of the nomination form, contact Terry Sowers, SSPC Director of Member Services, at 877-281-7772 ext. 2219, or sowers@sspc.org.

SSPC Launches Show Web Site

SSPC 2012 featuring GreenCOAT is the official show of SSPC: The Society for Protective Coatings. The show is dedicated to protective, marine, and industrial coatings and will be held in Tampa, FL, on Jan. 30 to Feb. 2. To help plan your trip to SSPC 2012, a web site specifically for the show has been launched at www.sspc2012.com. For quick access on the go, use your smart phone to capture this barcode. Use the web site to browse



exhibitors, technical presentations, workshops, training courses, and more. Register for SSPC 2012, and use the new program tracker to customize your entire conference experience.

In addition to planning for 2012, you can check out 2011 SSPC Video Proceedings of 20 presentations from four sessions.

Park Derochie Names Coatings, Sales Chiefs

Canadian industrial painting contractor Park Derochie Inc. has named Gil Rogers as coatings division manager and Jim Panko as director of sales.

Rogers assumed his new duties on Aug. 15, bringing with him 35 years of coatings-related experience in operations, sales, and management. He is a journeyman painter, NACE Level 3-



Gil Rogers

Certified Coating Inspector, and holds certification as a Protective Coating Specialist with both SSPC and NACE. He also travels internationally as a lead instructor in the NACE Coating Inspector Program. In addition to meeting clients' current needs, Rogers will focus on the future needs of Park Derochie and the industrial painting industry.

Panko brought 28 years of sales and industrial coatings expertise to his new position, which he assumed in 2010. He started in the coating industry in 1983 and holds numerous accreditations through SSPC and NACE.



Jim Panko

Panko helped establish four family-owned stores that targeted the industrial markets in Northern and Southern Ontario. In 2001, Sherwin-Williams

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Industry Loses DeFelsko Founder

Frank Koch, president and founder of DeFelsko Corp., died Aug. 8 from the effects of a stroke he had suffered several days earlier. Mr. Koch passed away peacefully in the hospital, surrounded by loved ones, his family said.

Born and raised in Cologne, Germany, Mr. Koch was formally trained as a tool and die maker before emigrating to Ottawa, Canada, where he started a family. In the 1960s, his entrepreneurial spirit led him to Ogdensburg, NY, where he launched several businesses, including DeFelsko Corp. His involvement with coating thickness test instruments most defined his career.



Frank Koch

DeFelsko began by importing and selling instruments from Germany. Before long, the company was manufacturing these test devices in the U.S. DeFelsko quickly grew into a world leader in the design and production of hand-held paint test equipment. Mr. Koch traveled the world developing relationships with a network of dealers to service a variety of industries.

"Frank's extraordinary combination of a bright mind, outgoing personality, dedication, and tireless work ethic influenced the products he made and the business relationships he developed," his company said in a statement. "He forged relationships based on handshakes and on the strength of his character. He attributed much of his success to his loyal customers and dealers across the globe."

DeFelsko announced that Mr. Koch's son-in-law, David Beamish, had assumed the responsibilities of company president. Linda Koch Beamish, Mr. Koch's daughter, retains her role as vice president.

"Both David and Linda had the privilege of working with Frank for almost 25 years, and together with the entire DeFelsko family are committed to carrying his legacy forward," the company said.

acquired the family business. Panko stayed on in a managerial role in the industrial division, later transferring to Edmonton, Alberta, where he developed the industrial market, dealing with engineers and facility owners. In 2008, he was appointed Sales Manager for Western Canada with Sherwin-Williams, building the industrial and commercial markets with a team of 12 reps.

Founded in 1956, the Edmonton, Alberta-based company provides field and shop services for large commercial and industrial coatings, fireproofing, insulation, and scaffolding.

Investor Group Buys Heresite

Heresite Protective Coatings has been sold to a group of local investors. The company, founded in

1935 by Charles Hempel, is a provider of protective, corrosion-resistant coatings and application services. Peter Hellman is the CEO.



Peter Hellman

The new investor group plans to continue Heresite operations in Manitowoc, WI, and to maintain the Heresite Protective Coatings brand presence.

Omission

In the August 2011 *JPCL* article, "Coating Aged Concrete Fuel Storage Tanks Succeeds," Abhe & Svoboda was the painting contractor company on the job.

When Specifications and Product Data Sheets Conflict

How should a conflict between requirements, such as film thickness, on a product data sheet and the specification be resolved?

From Simon Hope

BIS Salamis (M&I)

This is an eternal debate! For a contractor, it is always difficult to know which way to go to resolve the problem. However, because warranties will be involved, it is advisable to resolve any discrepancies at the bidding stage of the contract.

If there is a major and obvious error in the specification, the error should be brought up as a "Technical Query" to the client, and, if possible, supported by evidence from the coating manufacturer so that all parties are aware of the discrepancy. At the end of the day, both the coating manufacturer and the contractor will be expected to hold some form of warranty on the job done, so it is essential that the work is done in line with the manufacturer's guidelines on its technical data sheet.

Divergence from the technical data sheet should be done only with the manufacturer's express permission in writing and verification that the warranty terms will not be compromised. A prop-

erly conducted bidding process, in which both commercial and technical personnel are involved, should not, on the whole, allow these discrepancies to occur. But at the end of the day, should a discrepancy occur, there should first be discussions between all three parties to iron out an agreement that satisfies all requirements. Usually, this agreement involves the warranty, which is invariably dictated by the coating manufacturer and its product data sheets. Manufacturers will walk away from a failure if there has been any unauthorized deviation.

William Slama

International Paint/Ceilcote Products

We have seen instances in which the specifying engineer has included coating or lining thicknesses that were not consistent with the manufacturer's most recent specifications. This inconsistency has resulted from the use of obsolete information or "casual" information from other documents. It should be understood that the manufacturer's latest specifications, product data sheets, and product installation procedure documents should be accepted for specification revision. Aside from the technical correctness of the manufacturer's most current documents, warranty issues may also result from incorrect thickness specifications.

Sometimes articles or promotional literature may list nominal or "typical" thicknesses, whereas manufacturers carefully establish specified thickness ranges and targets so that the thicknesses can reasonably be attained by paint crews who have adequate training and

experience with applying the product type. This is especially significant for application methods other than spray, such as trowel, squeegee, etc. The basic premise is that the manufacturer has established the thickness ranges for the best coating or lining performance and practicality of application.

From Joseph Brandon

QualityFirst Consultants LLC

There are many reasons how and why a coating specification may conflict with manufacturer recommendations, best practices, and related issues. Such conflicts need to be resolved by the owner's engineer at the earliest feasible time to prevent an adverse impact on planning, production, or both. A discrepancy in dft and any other detected conflicts should be communicated to the owner using a Request for Information (RFI) or other established process.

From Lee Edelman

Consultant

During the pre-job meeting, these conflicts should be resolved. All parties should attend the pre-job meeting. At the meeting, the owner and coating manufacturer should decide on the correct film thickness for the specification. The owner's specification supercedes the manufacturer's data, but this does not mean the specification is always right. The manufacturer's data tells the minimum and maximum coating thicknesses. This information should not be overlooked.

All parties should review the steps for surface prep, anchor profile, and coating selection to make sure all elements of the system are compatible before the project starts. Always request a pre-job meeting.

JPCL

Editor's Note: The above Problem Solving Forum (PSF) question was posted on the free daily electronic newsletter, PaintSquare News (PSN), on behalf of JPCL. PSF responses submitted through PSN as well as those sent directly to JPCL are selected and edited to conform to JPCL style and space limitations. JPCL invites additional responses to the question; you may send your answer directly to Karen Kapsanis, editor, JPCL, kkapsanis@protective-coatings.com.

SSPC Renewed as Authorized Provider for IACET

SSPC is pleased to announce that the International Association for Continuing Education and Training (IACET) has renewed its authorization of SSPC as an Authorized Provider. IACET Authorized Providers are the only organizations approved to offer IACET Continuing Education Credits (CEUs).

The recognition period extends for five years and includes all programs offered or created during that time. This means that coatings professionals who complete SSPC training and certification courses will continue to receive CEUs.

To achieve its initial Authorized Provider status, SSPC had to complete a rigorous application process, including a review

by an IACET site visitor. SSPC also had to successfully demonstrate adherence to the ANSI/IACET 1-2007 Standard addressing the design, development, administration, and evaluation of its programs.

IACET is a non-profit association dedicated to quality continuing education and training programs. It is the only standard-setting organization approved by ANSI for continuing education and training.

For further information regarding SSPC training and certification programs, contact Jennifer Merck, SSPC Training and Technical Program Specialist, at 877-281-7772 ext. 2221, or merck@sspc.org.

Shoup Celebrates with China Chapter



Bill Shoup, SSPC Executive Director, attended the fifth anniversary celebration of the SSPC China Chapter on Sept. 6 in Dalian, China. The celebration was held in conjunction with the International Anticorrosive Coatings Technology Development Forum 2011, which was co-sponsored by the China National Coatings Industry Association (CNCIA). The event was held at the Sweetland Hotel in the Xigang District.

SSPC Exhibits at CONSTRUCT 2011

SSPC recently exhibited at the CONSTRUCT 2011 Show, held Sept. 13 to 16 in Chicago, IL. SSPC promoted its Commercial/Light Industrial Interest Group that is currently being formed.

The SSPC Standards Review Committee approved the formation of this special interest group with the intent of broadening SSPC's focus and outreach in this sector.

The group was created following a request by SSPC members who have an interest in the development of standards and guides for the commercial and light industrial coatings sector. The



SSPC's Kate Jurik (left), Events Manager & Exhibit Sales Specialist, and Jennifer Merck (right), Training and Technical Program Specialist

initial goal of the group will be to address the issues and problems in sur-

face preparation and coatings in those segments.

To begin the process, attendees met October 4, 2011, to determine the mission, scope, and prioritization of topics that the committee will address. Initial discussions focused on surface preparation standards and guides, paint materials, concrete flooring, air barriers, quality assurance and quality control, the contractor sector with a focus on SSPC's QP 9, Standard for Evaluating Qualifications of Painting Contractors Who Apply Architectural Paints and Coatings, and other identified needs.



Photo courtesy of Tampa Bay & Company, www.visittampabay.com

SSPC 2012 Advances Education with Workshops and Training

SSPC 2012 featuring GreenCOAT will be held in Tampa, FL, on Jan. 30 to Feb. 2. The conference and exhibition are dedicated to protective, marine, and industrial coatings.

The following is a preview of the scheduled workshops and training courses. Some training courses extend before and after the scheduled conference dates. All information is current as of press time. For any updates or to register, visit www.sspc2012.com.

SSPC Workshops

Over the course of SSPC 2012, eight diverse workshops will be held as part of the technical program. These workshops are previewed here. Questions about the technical program can be directed to Christine Estvanik, estvanik@sspc.org or 877-281-7772, ext. 2215.

Monday, January 30

From 1:30 to 4:30 p.m., Gordon Kuljian will present "Weathering of Coating."



The workshop will cover the chemistry behind weathering of coatings; usefulness of various accelerated test methods; how to relate accelerated methods to real life weathering of coatings; corrosion testing of coatings; and salt spray, cyclic corrosion testing, prohesion, and impedance testing.

Also on Monday, Dwight Weldon, Weldon Laboratories, Inc., and Gary Tinklenberg, Corrosion Control Consultants & Labs, will present "Failure Analysis of Paints and Coatings," from 1:30 to 4:30 p.m. The instructors will present the methodology involved in solving coating failures, including what to look for at the jobsite, sample taking, and laboratory techniques. Emphasis will be placed on recognizing patterns in failure, and case histories will be presented that cover failures of several different generic coating types.

Tuesday, January 31

Chris Farschon, PCS; Kirk Shields; Lloyd Smith, PCS; and Tony Serdenes, from Greenman-Pedersen, Inc., will instruct "Protective Coatings: An Overview," from 1:30 to 4:30 p.m. The workshop will provide an overview of an industrial protective coatings project. Participants will gain an understanding of how protective coatings are specified and applied to meet the goals of a project. Students will handle typical quality control instruments used on a protective coatings project.

The second workshop on Tuesday is "Practical Application of Climate Control on Industrial Coating Projects." From 1:30 to 4:30 p.m., Brian Battle and Don Schnell, Dehumidification Technologies, LP, will discuss the growth in the technology and popularity of temporary climate control. This presentation addresses the pros and cons of each type of equipment and instructs the audience in an easy-to-use guide that will help them quickly choose the right equipment and minimize costs.

Wednesday, February 1

The workshop, "Women's Café Roundtable," will be led by Joyce Wright, Northrop Grumman Newport News Shipbuilding, from 10:00 a.m. to noon. The roundtable will consist of four questions with a moderator at each table. Participants will discuss each question for 20 minutes, rotating through the tables. The group will discuss the outcome of each question. Topics to be discussed include how to overcome the mentality of the good old boys club; how to make women more visible in our industry; would women benefit from having a mentor in the industry; and how can women in the industry avoid coming across as overly aggressive or weak.

Also on Wednesday, Michael Weeks, Ph.D., from the University of Tampa, will present, "Leading the Next Generation," from 3:00 to 5:00 p.m. This seminar will discuss challenges in leading the next generation of workers in today's business environment and how to cross the generational barrier to motivate young, energetic workers.

Thursday, February 2

Leo Procopio and Thomas Tepe, of The Dow Chemical Company, will present, "Waterborne Technologies for Protective Coatings," from 10:00 a.m. to noon. This workshop will introduce some of the major types of waterborne technologies (i.e., waterborne acrylics, epoxies, and polyurethanes) available for protecting steel and concrete. The workshop will focus on the structure and chemistry of these coatings, how waterborne coatings form films, performance features, and causes of and solutions for coating defects and failures. Suitable environments, end-use applications, surface preparations, application methods and conditions, and equipment considerations will also be described.

Also on Thursday, Eric Kline, Fred Goodwin, Hugh Roper, Steven Reinstadtler, and J. Peter Ault, PE, PCS, will present, "JPCL Problem Solving,"

from 10:00 a.m. to noon. This workshop includes a panel of coatings industry experts who will discuss a series of questions based on JPCL's Problem Solving Forum column. JPCL staff will moderate the panel discussion. The panel will pose several "rapid fire" questions within the first hour of the session for attendees to analyze and debate. Some examples include:

- How should a conflict between requirements (e.g., film thickness) on a product data sheet and the specification be resolved?
- What percentage of deterioration is acceptable at a one-year warranty inspection of water tank linings before a contractor must repair the coatings job?
- A specification requires Manufacturer X's system "or equivalent." What does "or equivalent" mean, and who decides what's "equivalent"?

The second hour will focus on more open-ended questions, such as:

- How do we train the workforce entering into the industry? What do we do about the aging workforce and the loss of experience and knowledge base?
- Should mentoring be used more within the industry?
- How are the more stringent environmental regulations going to affect the industry?

SSPC Training and Certification Programs

All classes will be held at the Tampa Convention Center or at the Tampa Marriott Waterside Hotel & Marina. Registration for the SSPC Training Courses at the show must be done separately from the SSPC 2012 registration to attend the show. Classes run from 8:00 a.m. to 5:00 p.m., except for PCI, which is 7:30 a.m. to 6:00 p.m., and PA 2 and Estimating, which run from 8:00 a.m. to 2:00 p.m. Several courses have prerequisites, which can be found under the "Training & Certification" section of the show web site, www.sspc2012.com.

To register, email or fax a completed

training registration form to Dee Boyle at boyle@sspc.org or 412-281-9993. The deadline to register is Jan. 2, 2012.

Navigating Standard Item 009-32

Planned for Jan. 27, the course describes the naval ship cleaning and painting requirements found in Standard Item 009-32. It covers the cleanliness, surface preparation, coating application requirements, and system application instructions for various Navy vessels. Requirements of referenced standards are also reviewed. This course will help attendees better navigate NAVSEA Standard Item 009-32 and use the criteria it presents to accomplish the painting requirements for U.S. Navy surface ships, submarines, and aircraft carriers.

Coating Application Specialist (CAS) Certification

There are three program options available for the CAS Certification program, which will be held on Jan. 27-28. The program is designed to certify individual craft workers who have experience and training in all aspects of hands-on surface preparation and coating application of complex industrial and marine structures. The certification program meets the requirements of ISO 17024.

CAS Basic Level 1 is for entry level/trainee application specialists. Level 1 application specialists customarily work with and under supervision of Level 2 and Level 3 application specialists. Level 1 requires successful completion of a skills assessment program. The exam consists of basic knowledge of industrial coatings and linings.

CAS Level 2 (Interim Status) allows those in the current workforce the opportunity to realistically achieve certification over the next several years. It focuses directly on the needs of the application specialist and provides criteria for the education, training, experience, knowledge, and motor skills required to prepare and apply protective coatings to



steel and concrete surfaces of complex industrial or marine structures. This level requires passing a closed-book, written exam and a hands-on portion testing proficiency in abrasive blasting and coating application using conventional or airless spray.

CAS Level 2 (Full Status) requires approved related work experience, in addition to passing a closed-book, written exam and a hands-on portion.

Protective Coatings Inspector Program (PCI)

PCI Level 1 will be held on Jan. 27-31; Level 2 will be Jan. 27-Feb. 1; and Level 3 will be held Jan. 27-Feb. 2. C1 is strongly recommended as a prerequisite for the PCI program.

PCI Level 1 has no prerequisites but is not an entry-level course. The objective is to thoroughly train individuals in the proper methods of inspecting surface preparation and installation of

industrial and marine protective coatings and lining systems on an array of industrial structures and facilities. Candidates should be prepared for an intense and fast-paced training schedule with evening homework and study in order to cover an extensive amount of information.

Students who pass the Level 1 exam and meet the prerequisites for Level 2 can take the written and hands-on Level 2 certification exams on day 6. A passing

SSPC 2012 Exhibitors

The following is the most recent list of companies currently planning on exhibiting at SSPC 2012 featuring GreenCOAT. All information is accurate as of press time. The December *JPCL* will provide brief descriptions, contact information, and booth numbers for known exhibitors.

- Abrasives, Inc.
- Advanced Recycling Systems, Inc.
- Aggreko LLC
- Air Systems International
- Arid Dry by CDIMS
- Atlantic Design
- Axxiom Manufacturing Inc./Schmidt
- Carboline Company
- CESCO/Aqua Miser
- Chlor*Rid International Inc.
- Church & Dwight (ArmaKleen)
- Clemco Industries Corp.
- Clothes Cleaning System
- *Coatings Pro* Magazine
- Comex Group
- Croda
- CSI Services, Inc.
- Cytec Industries
- DeFelsko Corporation
- Dehumidification Technologies, Inc.
- DESCO Manufacturing Co., Inc.
- Detroit Tarp Inc.
- Doosan Portable Power
- DRYCO, LLC
- DUSTNET by EMI
- E.D. Bullard
- Eagle Industries
- EcoQuip Inc.
- Elcometer Instruments Ltd.
- EnTech
- Ervin Industries
- Evonik Degussa Corporation
- Farrow Systems
- Fischer Technology Inc.
- Forecast Sales Inc./Pirate Brand
- Glidden Professional
- GMA Garnet (USA) Corp.
- Graco Inc.
- Granite Mountain Quarries
- Greenman-Pedersen, Inc.
- Guzzler Manufacturing, Inc.
- Hanes Supply Inc.
- Harsco Minerals
- Hi-Temp Coatings Technology
- HippWrap Containment
- HoldTight Solutions Inc.
- Hydrex Underwater Technology
- Indian Valley Industries
- Industrial Vacuum Equipment Corp.
- International Paint LLC
- ITW Industrial Finishing
- JAD Equipment Co.
- KTA-Tator, Inc.
- Longhai Duoling Saw Blade Co., Ltd.
- LVH Industries
- Marco
- Mascoat
- Midwest Rake
- MMLJ (Sanstorm)
- Mohawk Garnet, Inc.
- Monarflex by Siplast
- Montipower, Inc.
- NACE
- National Equipment
- Nelson Industrial Services (BlastProMfg)
- NexTec, Inc./Pretox
- Novatek Corp.
- Novetas Solutions
- Olimag Sand
- OPTA Minerals, Inc.
- Painters & Allied Trades LMCI
- Paul N. Gardner Co.
- Pinnacle Central Company
- Polygon Group
- PPG Protective & Marine Coatings
- Ring Power Corporation
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- Tnemec Company
- Tomoric Technology Inc.
- Tractel Inc. Griphoist Division
- Trimaco LLC
- TSE-Okulen Americas, LLC
- TWRS (The Warehouse Rentals & Supply)
- Van Air Systems
- VRSim
- Western Technology
- WIWA LP
- * Wooster Brush



grade on both exams is required to become an SSPC Level 2 Certified Coating Inspector.

PCI Level 3 identifies and awards recognition to individuals who have in-depth knowledge in the inspection of industrial coatings. Those who pass the Level 2 exam and meet the prerequisites for Level 3 can take the PCI Level 3 exams on day 7.

Concrete Coating Inspector Program (CCI)

Concrete Coating Basics (CCB) will take place Jan. 27-28; the CCI Tech Level is on Jan. 27-31; and the CCI Cert Level is Jan. 27-Feb. 1. The CCI Program provides several different paths to certification, depending on the attendee's current level of experience and training; these can be found on the SSPC web site. The CCB course provides basic training to contractors and is a prerequisite for individuals seeking CCI certification. The objective of CCI is to thoroughly train individuals in the inspection of surface preparation and the installation of industrial protective coatings on industrial concrete structures and facilities.

Bridge Coatings Inspector Program (BCI)

BCI Level 1 will be held on Jan. 27-31, and Level 2 will be held on Jan. 27-Feb. 1. The BCI course covers the fundamentals of how to inspect surface preparation and application of protective coatings on bridge steel. The course covers situations that affect inspection in the field and the skills required to inspect new bridge steel painted in the shop, in the field, or maintenance systems applied in the field.

The first four days are devoted to classroom lecture about bridge coatings. On the fifth day, the Level 1 course exam is given. Students who pass the exam can take the Level 2 exam on day 6 if all of the prerequisites are met.

Fundamentals of Protective Coatings (C1)

The C1 course, to be held on Jan. 28-Feb. 1, provides a practical and comprehensive overview for those who are new to the protective coatings industry. It is also an ideal refresher for reviewing the fundamentals of corrosion and the use of coatings as a protective mechanism. To receive certification and CEUs, attendees must pass an exam, in addition to attending all 40 hours of the course.

Planning and Specifying Industrial Projects (C2)

C2 is scheduled from Jan. 28-Feb. 1. This course is designed to provide those who understand coating fundamentals with an overview of the principles of planning, awarding, and monitoring the quality of new construction or maintenance painting projects. Students will become familiar with tools to develop effective coating projects and play a more active role in managing painting projects to successful completion.

Topics in this course assume knowledge of the fundamentals. There is a written exam.

NAVSEA Basic Paint Inspector (NBPI)

To take place on Jan. 28-Feb. 1, NBPI is an inspection course that was developed by Naval Sea Systems Command (NAVSEA) to train coatings inspectors to inspect critical coated areas as defined by U.S. Navy policy documents. The first four days are devoted to lecture and hands-on training. On the fifth day, the exams are given, which consist of a multiple-choice portion, a practical exam using inspection instruments, and a 009-32 exam.

Basics of Estimating Industrial Coatings Projects

This course will take place on Jan. 28 and covers the fundamentals of estimating industrial painting job costs including surface area calculations, labor and pro-

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Attendees participate in a training course at SSPC 2011 in Las Vegas. Photo courtesy of SSPC

duction rates, and equipment and material requirements. The class includes a lecture overview of estimating essentials combined with workshops. An exam is given at the end of the course.

Lead Paint Removal (C3)

C3, to be held Jan. 29-Feb. 1, includes background information on the hazards of lead and other toxic metals as well as the current legal and regulatory environment. The course contains specific discussions on protecting workers; compliance with environmental regulations; proper management of waste streams and operations with potential exposures to lead; and associated control technology. The course also addresses reading specifications and developing programs to effectively control risks to workers, the public, and the environment. There will be a discussion of insurance and bonding issues and an introduction to other safety and health issues. Attendees can expect a daily homework assignment to help prepare for the final examination.

Evaluating Common Coating Contract Clauses

On Jan. 29, this course will provide a basic overview of clauses most common to coatings contracts. It follows the outline of a standard construction contract, while also teaching students to identify the key provisions that may be missing from contracts they receive. The course

concludes with a written exam.

Using SSPC-PA 2 Effectively

This half-day workshop takes place on Jan. 29. It summarizes and explains the key highlights of SSPC-PA 2: Measurement of Dry Coating Thickness with Magnetic Gages.

Students will learn to verify the accuracy of a DFT magnetic gage; measure the DFT of a coating with Type 1 or Type 2 gage; and describe and implement the procedure to determine if the film thickness conforms to the levels specified. An exam concludes the class.

Airless Spray Basics (C12)

The C12 course will be held on Jan. 29-30 and is designed to train and certify marine/industrial applicators to operate airless spray equipment, incorporating the use of a paint simulator for hands-on training. The course will cover proper mixing and spray techniques, as well as an overview of airless spray equipment operational systems. It meets the NAVSEA 009-32 requirements.

Introduction to Polyurea for the Applicator & Contractor

The Polyurea Development Association (PDA) designed this course specifically with the applicator and contractor in mind. It will expand on topics like the physical properties of polyurea, testing procedures, surface preparations, applications procedures and techniques, and advances in and types of equipment. To register for this class, scheduled for Jan. 30, email Erin Nied at erin@robstan.com.

Lead Paint Removal Refresher (C5)

C5 is scheduled for Jan. 31. This course provides refresher training for supervi-

sors/competent persons who are responsible for industrial deleading operations. It starts with a review of basic information about lead and its associated health hazards. There is a review and update of relevant EPA regulations and processes through discussions of 29 CFR 1926.62 and changes in the Respiratory Protection Standard (29 CFR 1910.134). The course includes discussions about control over emissions, as presented in SSPC-Guide 6.

State supplements for several states are available. This course meets the requirements of state programs that require refresher training to maintain supervisor certification and meets QP 2 requirements for competent person refresher training certification.

Protective Coatings Specialist (PCS) Program

The PCS certification program, to be held on Feb. 2, awards recognition to individuals who have in-depth knowledge of industrial coatings technology.

PCS certification demonstrates mastery in assessment of coatings systems, development of coatings specifications, surface preparation and coatings applications, economics of coatings, contract planning and management, coating failure analysis, and inspection.

Abrasive Blasting Program (C7)

The C7 course will take place on Feb. 3-4 and is designed for contractor personnel who wish to obtain certification or others who wish to learn about dry abrasive blast cleaning of steel. It covers principles of surface preparation, cleanliness, and profile; dust and debris control; and abrasives.

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in SSPC's C7 course. For more information, contact Jennifer Merck at merck@sspc.org.

Students who do not want to receive

the C7 certification can receive a certificate of attendance by attending the lecture and observing the blaster demonstration. Those seeking certification must pass written and hands-on exams.

Quality Control Supervisor (QCS)

QCS will take place on Feb. 3-4. The course provides training in quality management for SSPC-certified contractor personnel, Technical Quality Managers (TQM), and inspectors employed by SSPC-QP 5 inspection firms. It gives an overview of the quality management aspects of surface preparation, paint, coatings, and inspection operations that a QCS needs to know. It is highly recommended that persons attending the QCS course have recent inspection training or equivalent formal training and some quality control experience.

Project Management for the Industrial Painting Contractor

This course will take place on Feb. 3-4 and offers an introduction to project management concepts used on industrial painting projects. Attendees will learn more about generating new business, reviewing contracts, navigating employee relations, and building safety into the job.

The second day involves an exam in which participants resolve real-world project management scenarios.

Floor Coating Basics

Held on Feb. 3-4, Floor Coating Basics is designed to meet the practical training requirements of SSPC-QP 8, Section 4.4, which requires that each job crew chief and QC manager complete a minimum two-day overview of concrete components, coating and surfacing types, and surface preparation and substrate repair techniques based on SSPC consensus documents TU-10, "Procedures for Applying Thick Film Coatings and Surfacing Over Concrete Floors."

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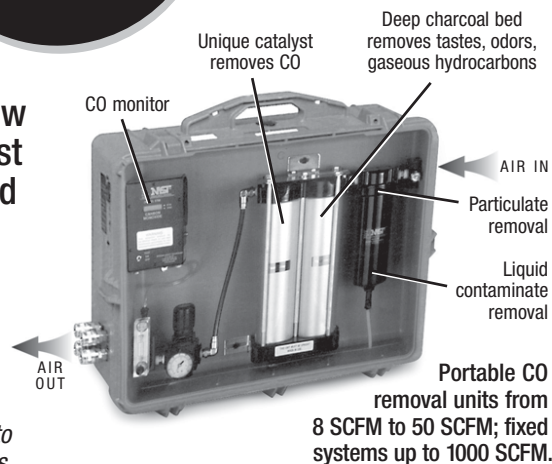
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SSPC Renewed as Authorized Provider for IACET

SSPC is pleased to announce that the International Association for Continuing Education and Training (IACET) has renewed its authorization of SSPC as an Authorized Provider. IACET Authorized Providers are the only organizations approved to offer IACET Continuing Education Credits (CEUs).

The recognition period extends for five years and includes all programs offered or created during that time. This means that coatings professionals who complete SSPC training and certification courses will continue to receive CEUs.

To achieve its initial Authorized Provider status, SSPC had to complete a rigorous application process, including a review

by an IACET site visitor. SSPC also had to successfully demonstrate adherence to the ANSI/IACET 1-2007 Standard addressing the design, development, administration, and evaluation of its programs.

IACET is a non-profit association dedicated to quality continuing education and training programs. It is the only standard-setting organization approved by ANSI for continuing education and training.

For further information regarding SSPC training and certification programs, contact Jennifer Merck, SSPC Training and Technical Program Specialist, at 877-281-7772 ext. 2221, or merck@sspc.org.

Shoup Celebrates with China Chapter



Bill Shoup, SSPC Executive Director, attended the fifth anniversary celebration of the SSPC China Chapter on Sept. 6 in Dalian, China. The celebration was held in conjunction with the International Anticorrosive Coatings Technology Development Forum 2011, which was co-sponsored by the China National Coatings Industry Association (CNCIA). The event was held at the Sweetland Hotel in the Xigang District.

SSPC Exhibits at CONSTRUCT 2011

SSPC recently exhibited at the CONSTRUCT 2011 Show, held Sept. 13 to 16 in Chicago, IL. SSPC promoted its Commercial/Light Industrial Interest Group that is currently being formed.

The SSPC Standards Review Committee approved the formation of this special interest group with the intent of broadening SSPC's focus and outreach in this sector.

The group was created following a request by SSPC members who have an interest in the development of standards and guides for the commercial and light industrial coatings sector. The



SSPC's Kate Jurik (left), Events Manager & Exhibit Sales Specialist, and Jennifer Merck (right), Training and Technical Program Specialist

initial goal of the group will be to address the issues and problems in sur-

face preparation and coatings in those segments.

To begin the process, attendees met October 4, 2011, to determine the mission, scope, and prioritization of topics that the committee will address. Initial discussions focused on surface preparation standards and guides, paint materials, concrete flooring, air barriers, quality assurance and quality control, the contractor sector with a focus on SSPC's QP 9, Standard for Evaluating Qualifications of Painting Contractors Who Apply Architectural Paints and Coatings, and other identified needs.

SSPC Holds C7 Training

SSPC held its Abrasive Blasting Course (C7) in Alpine, CA, on August 26. The course was hosted by Abhe & Svoboda, Inc. and was instructed by Phil Parson. Ten students participated.

Heikki Talikka, project manager at Abhe & Svoboda, said, "Overall, the training was a success. Phil did a fantastic job keeping the guys engaged in the course and making sure everyone participated in the class, both in the classroom and the hands-on portion of the class. Courses like this are an excellent opportunity to teach our employees how to think with a more conscious work ethic and gets them thinking for themselves, which in return provides more knowledgeable personnel that can provide a safe, controlled work environment."

SSPC 2012 Housing is Open

Hotel reservations for SSPC 2012 featuring GreenCOAT are currently open. SSPC 2012 will take place in Tampa, FL, from Jan. 30 to Feb. 2. There are two official hotels for the show: Tampa Marriott Waterside Hotel & Marina and Embassy Suites Tampa. Visit www.sspc2012.com for more information and to make reservations.

Upcoming SSPC Courses

The following is a list of upcoming SSPC courses. Visit www.sspc.org for more information or to register.

- Nov. 1-5, Protective Coating Inspector Program (PCI) Basic Inspector, Rayong, Thailand
- Nov. 1-6, PCI Level 2 Certified Inspector, Rayong, Thailand
- Nov. 7, Evaluating Common Coating Contract Clauses, Waukesha, WI
- Nov. 7-11, PCI Basic Inspector, Houston, TX
- Nov. 7-12, PCI Level 2 Certified Inspector, Houston, TX
- Nov. 8-9, Project Management for the Industrial Painting Contractor, Waukesha, WI
- Nov. 10, Navigating Standard Item 00-932, Waukesha, WI
- Nov. 11, Basics of Estimating Industrial Coatings Projects, Port Orchard, WA
- Nov. 11, Using SSPC PA 2 Effectively, Waukesha, WI
- Nov. 14-17, Lead Paint Removal (C3), Phoenix, AZ
- Nov. 14-18, NAVSEA Basic Paint Inspector (NBPI), Norfolk, VA
- Nov. 14-18, Planning & Specifying Industrial Coatings Projects (C2), Norfolk, VA
- Nov. 15-16, Floor Coating Basics, Cincinnati, OH
- Nov. 18, Lead Paint Removal Refresher (C5), Phoenix, AZ

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ASTM Proposes Standard for Sewer Coatings

A proposed new ASTM International standard will aid in the evaluation of high performance protective coatings for sewerage systems once approved. The proposed standard will provide a test specific to these coatings.

Subcommittee G01.05 on Laboratory Corrosion Tests is developing ASTM WK33537, Practice for Operating the Severe Wastewater Analysis Testing Apparatus. The testing apparatus is a laboratory chamber with two phases: a

liquid phase and a vapor phase. Primary users will include specifying architects/engineers and municipal wastewater owners seeking to extend the service life of their infrastructure assets.

All interested parties, particularly those who deal with wastewater and testing laboratories capable of handling high levels of sewer gases, are invited to participate in the development of the standard. Visit www.astm.org for more information.

Protective Coatings Veteran Elected to Head IPPIC

The International Paint and Printing Ink Council (IPPIC) has elected Bill McPherson, recently retired president of the International Paint division of AkzoNobel, as the association's new

president. He will serve in this position for two years.

McPherson was elected at IPPIC's summer meeting in Amsterdam. He succeeds Ed Donnelly, retired senior VP of

DuPont Performance Coatings.

McPherson has been the managing director for AkzoNobel's Powder Coatings and Marine and Protective Coatings Business Units. He served on

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the board of CEPE, the European Council of paint and ink producers, and also chaired the steering group for the nationalization of the ICI headquarters in London.



Bill McPherson

IPPIC (www.ippic.org) is comprised of paint and printing ink trade associations representing Australia, Brazil, Canada, China, Europe, Japan, Mexico, and the U.S. The council provides a forum for discussion of the major issues and priorities facing the paint and printing ink industries.

Spider Promotes Ford to District Sales Rep

Spider, a division of SafeWorks LLC, recently promoted Michael Ford to district sales representative of its Orlando operation center. Ford will be responsible for solving suspended access and safety challenges of contractors and facility owners.



Michael Ford

Ford completed Spider's sales trainee program in Feb. 2011 and served as an inside sales representative. He holds a BS in management from Eckerd College.

ICL Acquires Halox Corrosion Inhibitors

ICL Performance Products has acquired Halox, a division of Hammond Group Inc. The acquisition closed Oct. 1.

The acquisition includes Halox's R&D activities and manufacturing assets, as well as its distribution network for its phosphates-based products. Halox will operate as a division of ICL Performance Products LP.

For more information, read the coverage on www.paintsquare.com.

Cold Jet, Farrow System Join Forces

Cold Jet has reached an agreement to distribute the Farrow System blast-

cleaning system in a network that will soon expand worldwide.

The Farrow System uses heat and a minimal amount of a recycled glass blast medium to remove protective and marine coatings, graffiti, and oxidation. The companies' new distribution agreement, announced Sept. 30, designates

Cold Jet as the exclusive distributor of the system in the eastern U.S., with plans to expand availability globally within the next 12 months.

To read more about this and see a demonstration from SSPC 2011, visit www.paintsquare.com.

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Coating Systems Buying Guide

More than 250 coatings manufacturers have listed suitable high-performance coating systems for steel or concrete in bridges, chemical & petrochemical plants, food and pharmaceutical plants, or any of 8 other types of industries, structures, or vessels for this year's Annual Coating Systems Buying Guide. Systems for half a dozen specialty functions are given as well. The Guide is intended as a resource for facility owners, third-party specifiers, contractors, and anyone else on the ground in a coatings project.

Using the Buying Guide

You can use the Guide to identify systems companies recommend for particular industries, exposures, substrates, and specialty functions. Contact details of every manufacturer listed in the Buying Guide are given on pp. 153-160.

The table of contents reflects the organization of the Buying Guide. Industries are arranged alphabetically, and the "Specialty Function" section appears at the end. Industry sections are then organized internally by combinations of exposure environment and substrate. Within each exposure environment and substrate category, companies are listed alphabetically; each listing includes the manufacturer's recommended system, by tradename (brand) or number and by generic type.

Readers should note that *JPCL* limited companies to selecting one system for each exposure and substrate and that many companies have more than one system for any given application.

The Buying Guide is in no way intended to replace the hard work of research and all the other efforts that go into specifying a coating system for a particular project. Nor do manufacturers' recommendations listed within this Guide constitute specifications or guarantees. The Buying Guide should get you to the manufacturers, whom you should always consult for proper use of their products.

Collection of Information

The Buying Guide is based on a questionnaire that was sent electronically to all coating manufacturers known to *JPCL*. No effort was made to verify information submitted. Companies that submitted the form by the print deadline appear in the pages that follow and in the on-line edition of the Buying Guide, which will be published later this year on www.paintsquare.com, our electronic home. The on-line version will include several search functions, including a search by tradename (brand) as provided by companies that completed the form.

Companies that have not submitted their data but would like to be listed in the on-line edition should contact Anita Socci, Directory Manager, asocci@protectivecoatings.com; 800-837-8303 or 412-431-8300, ext. 136.



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JPCL

JOURNAL OF PROTECTIVE COATINGS & LININGS

The Voice of SSPC: The Society for Protective Coatings



SSPC 2012 Advances Education with Workshops and Training

SSPC 2012 featuring GreenCOAT will be held in Tampa, FL, from Jan. 30 to Feb. 2. A full lineup of workshops, training, and certification courses is scheduled for the conference. These workshops and courses are previewed in this article, along with the dates and times they will be held. Information is current as of press time.



2011 Annual Coating Systems Buying Guide

By the JPCL Staff

The 2011 *JPCL* Coating Systems Buying Guide lists more than 5,200 recommendations for protective and marine coating and lining systems provided by more than 250 coating manufacturers. Suitable high-performance coating systems for steel and concrete on bridges, power plants, transmission pipelines, and eight other types of industries, structures, or vessels are detailed, as well as systems for half a dozen specialty functions. Listings are alphabetized by company name, and in addition to the generic type, recommended coating systems include a manufacturer's brand name or product number.

The Guide is intended as a resource for facility owners, third-party specifiers, contractors, or others involved in protective and marine coatings projects. The Table of Contents for the Guide is on p. 23; listings begin on p. 25; and company profiles begin on p. 153.

Top of the News 6 New SSPC/*JPCL* coating thickness measurement webinar scheduled for Nov. 3, four others on tap; Industry loses DeFelsko founder

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