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## Training & Conference Update

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**SSPC 2012**  
**January 30 - February 2, 2012**  
**Tampa Convention Center | Tampa, Florida**  
**[www.sspc2012.com](http://www.sspc2012.com)**



# Content is King

SSPC 2012 is the only coatings industry conference dedicated to high performance protective, marine, industrial and commercial coatings — and here you will find the training, certifications and education programs that target your area of expertise. For easy reference in this booklet, we've organized our training and certification programs into specialties. The Technical Education program is organized by "Tracks" so you can easily see the content of specific topics that you might choose to follow each day. And, of course, a mix-and-match approach to customizing our programs schedule to your specific interests is a favorite option of many attendees.

Use this planning tool along with the Advance Program book to plan your week at the show. A hard copy of the Advance Program was sent with the September JPCL, but is also available online at [www.sspc2012.com](http://www.sspc2012.com).



The Florida Board of Professional Engineers (FBPE) has approved the education program and SSPC training courses at SSPC 2012.  
P.E.s in Florida can earn 16 PDHs by participating in SSPC 2012.



## Registering for SSPC Training and Certification Programs at the SSPC 2012 Show

1. Registration for SSPC Training Courses must be done separately from SSPC 2012 Conference registration.
  2. To register, visit [www.SSPC2012.com](http://www.SSPC2012.com) or e-mail or fax a completed training registration form to Dee Boyle at [boyle@sspc.org](mailto:boyle@sspc.org) or 412-281-9993.
  3. Deadline to register is January 2, 2012.
- Department of Defense / DoD Training / FREE Funding**  
FREE SSPC Training/Certification Courses are available for DoD, Army, Air Force, Coast Guard, Navy, Marine Corps, and NASA personnel. For further information or to register for a course, please contact Jennifer Merck at 1.877.281.7772 x2221 or [merck@sspc.org](mailto:merck@sspc.org). All programs listed herein are DOD Funded except for the PDA Course.

## Additional Information About Training at the SSPC 2012 Show

- All classes will be held at the Tampa Convention Center or at the Tampa Marriott Waterside Hotel & Marina.
- All classes run from 8:00 AM to 5:00 PM except for PCI which is 7:30 AM to 6:00 PM and PA 2 & Estimating which runs from 8:00 AM to 2:00.
- If you would like to speak to someone about SSPC Training contact: Dee Boyle at [boyle@sspc.org](mailto:boyle@sspc.org) or 1.877.281.7772 ext 2202.

## Surface Preparation & Coatings Application

SSPC is the recognized leader in the industrial coatings industry for training and certifying personnel in surface preparation and coatings application. Our diverse range of programs gives an in-depth knowledge of complex surface preparation and coating system application processes.

Date	Name of Program	Are there Prereqs to Attend?	Notes
Jan 27 - 28	Coating Application Specialist Certification Program (CAS)	Yes	
Jan 29-30	Airless Spray Basics (C12)	Yes	If you take the C12 as training only, there are no prereqs.
Jan 30	Introduction to Polyurea for the Applicator & Contractor	No	To register go to: <a href="http://www.my-registration.com">www.my-registration.com</a>
Feb 3 - 4	Abrasive Blasting Program (C7)	Yes	If you take the C7 as training only, there are no prereqs.
Feb 3 - 4	Floor Coating Basics	No	

## Inspection

SSPC's coating inspector programs focus on the inspection of coatings applied to steel surfaces and concrete. The programs offer coatings professionals a new way to become certified as a coatings inspector. In the past, inspection students and their employers were subjected to several weeks of costly downtime and scattered travel to attend the training required to gain certification. SSPC has streamlined the process to five days + one day of certification exams by focusing on the procedures and knowledge that are absolutely crucial to successful coatings inspection.

Date	Name of Program	Are there Prereqs to Attend?	Notes
Jan 27	Navigating Standard Item 009-32	No	Good class to take before the NBPI
Jan 27 - Feb 2	Protective Coatings Inspector Program (PCI)	Yes	PCI Level 1 is Jan 27-31 PCI Level 2 is Jan 27-Feb 1 PCI Level 3 is Jan 27-Feb 2
Jan 27 - Feb 1	Concrete Coating Inspector Program (CCI)	Yes	CCB is Jan 27-28 CCI Tech Level is Jan 27-31 CCI Cert Level is Jan 27-Feb 1
Jan 27 - Feb 1	Bridge Coatings Inspector Program (BCI)	Yes	BCI Level 1 is Jan 27-31 BCI Level 2 is Jan 27-Feb 1
Jan 28 - Feb 1	NAVSEA Basic Paint Inspector (NBPI)	Yes	
Jan 29	Using SSPC PA 2 Effectively	No	

## Coating Concrete

Unlike other coating programs available on the market, the comprehensive programs listed below all focus exclusively on the training and certification of CONCRETE coatings.

Date	Name of Program	Are there Prereqs to Attend?	Notes
Jan 27 - Feb 1	Concrete Coating Inspector Program (CCI)	Yes	CCB is Jan 27-28 CCI Tech Level is Jan 27-31 CCI Cert Level is Jan 27-Feb 1
Feb 3 - 4	Floor Coating Basics	No	

# SSPC Training & Certification

## Coatings Technology, Management, Lead, Health & Safety

Our main goal at SSPC is to provide the necessary knowledge and resources for the protective coatings industry. So whether you are a contractor, consultant, inspector, engineer, paint or equipment manufacturer, or structure or facility owner, SSPC Training & Certification programs can help your project be successful.

Date	Name of Program	Are there Prereqs to Attend?	Notes
Jan 28 – Feb 1	Fundamentals of Protective Coatings (C1)	No	Good class to take before C2
Jan 28 – Feb 1	Planning and Specifying Industrial Projects (C2)	No	
Jan 28	Basics of Estimating Industrial Coatings Projects	No	Good class to take before Contracts and Pro Mgmt
Jan 29 – Feb 1	Lead Paint Removal (C3)	No	
Jan 29	Evaluating Common Coating Contract Clauses	No	Good class to take before Pro Mgmt
Jan 31	Lead Paint Removal Refresher (C5)	No	Must take C3 first
Feb 2	Protective Coatings Specialist (PCS) Program	Yes	Must take C2 Exam at a minimum
Feb 3 - 4	Quality Control Supervisor (QCS)	No	
Feb 3 - 4	Project Management for the Industrial Painting Contractor	No	

## Navy/Marine

The following programs are training and certification programs offered by SSPC that are used in the Marine and Navy environment.

Date	Name of Program	Are there Prereqs to Attend?	Notes
Feb 27	Navigating Standard Item 009-32	No	Good class to take before the NBPI
Jan 29	Using SSPC PA 2 Effectively	No	
Jan 29-30	Airless Spray Basics (C12)	Yes	If you take the C12 as training only, there are no prereqs.
Jan 27 - Feb 2	Protective Coatings Inspector Program (PCI)	Yes	PCI Level 1 is Jan 27-31 PCI Level 2 is Jan 27-Feb 1 PCI Level 3 is Jan 27-Feb 2
Jan 28 – Feb 1	NAVSEA Basic Paint Inspector (NBPI)	Yes	
Feb 3 - 4	Abrasive Blasting Program (C7)	Yes	If you take the C7 as training only, there are no prereqs.



### Interested in taking more than one training course at SSPC 2012?

#### Try these useful combinations:

- 009-32 + NBPI
- 009-32 + PA 2
- CCB + CCI
- Estimating + Contracts + Project Mgmt
- Specifying & Managing (C2) + PCS
- Evaluating Common Coating Contract Clauses (CON) + Project Management (PRO)

- Airless Spray (C12) + Abrasive Blasting (C7)
- NBPI + QCS
- BCI + QCS
- PCI + QCS

*The class schedules are arranged so a student could easily complete both courses while in Tampa.*

## Monday January 30

### Monday Track 1: Improving Business Through Strategic Planning

#### Industrial Marketing & Sales in a Digital Age

Nicole Eisenhauer, Eisenhauer Creative Group

#### Succession Planning

Robert Ziegler, BBZ Consulting

#### Everyone Wins: Driving Value and Profitability for the Painting Contractor and the Owner

Dee McNeill, The Sherwin-Williams Company

#### Writing A Good Process Control Procedure

Rick Smith, PCS, MCI, Wheelblast

### Monday Track 2: Workshop – Failure Analysis of Paints and Coatings

#### Failure Analysis of Paints and Coatings

Dwight G. Weldon, PCS, Weldon Laboratories, Inc. & Gary Tinklenberg, PCS, Tinklenberg Consulting Group

### Monday Track 3: Workshop - Weathering of Coatings

#### Weathering of Coatings

Gordon G. Kuljian

### Monday Track 4: Nanotechnology: Enhancing the Performance of Coatings

#### Nano-Structured Particles to Enhance Primer Performance Properties

Maria Nargiello, Evonik Degussa Corporation

#### Corrosion Resistant Nanocomposite Pretreatment Coating for Marine Structures

Dr. Robert Alezzi, NEI Corporation

#### Nanotechnology for Enhanced Coating Performance

Dr. Mark Morrison, The Sherwin-Williams Company

#### Multi-Walled Carbon Nanotubes for Polymeric Coatings and Composites

Serkan Unal, Bayer Material Science

## Tuesday, January 31

### Tuesday Track 1: Durability + Design Commercial Coating and Flooring Symposium

#### Morning Presentations:



#### An Architect's Call for Paint Standards

Walter Scarborough, HALL Building Information Group

**Description:** The presentation will describe the frustrations and problems architects experience because of insufficient or non-existent standards governing architectural coating materials and practices, with real-world examples. Areas where standards need to be written or upgraded will be named and discussed.

#### Extending the Life Cycle of Coatings Applied to Commercial Buildings

Barry Law, Master Painters Institute (MPI)

#### Fundamentals of Making Good Decisions in Coating Selection

Allen Zielnik, Atlas Material Testing Technology, an AMETEK company

#### New Architectural Wall Coatings Technology Targeted at Stricter Hospital Infection Protocols

Steven Reinstadtler, Bayer Material Science

#### Afternoon Presentations:

#### Moisture Vapor Emission Rates of Concrete Floors – Can Moisture Meters be Used Instead of Anhydrous Calcium Chloride?

Kevin Brown and George Holz, KTA-Tator, Inc.

#### Hard Truths About Concrete Polishing

Joe Reardon, PROSOCO Concrete Products Group

### The Impact of the Painting Industry by New Building Codes and Standards for Air/Vapor Barriers

Kevin Knight, Architectural Testing

### Air Barrier Testing of Concrete Masonry Assemblies and the Effects of Surface Coatings on Air Permeance

Nicholas R. Lang & Jason J. Thompson, National Concrete Masonry Association (NCMA)

### Use of Atlas Test Cells to Assess the Performance of Coatings over CMU with Varied Permeance

Cindy O'Malley, PCS, KTA-Tator, Inc.; Chuck Duffin, Sto Corporation; and Steve Revnew, The Sherwin Williams Company

### The New SSPC Commercial/Light Industrial Committee

Ken Trimber, KTA-Tator, Inc.

### Tuesday Track 2: Women In The Industry

#### Morning Presentations:

#### Women in Coatings: The Present State and a Glimpse of Our Future

Cynthia L. O'Malley, PCS, KTA-Tator, Inc.

#### Success Factors for Women's Career Advancement in Chemical Industry

Dr. Sharon Feng, Bayer Material Science

#### How do you Balance Work and Family?

Sarah Olthof, Corrosion Control Consultants & Labs, Inc

#### The Gender Gap: Impact or Innovation

Elizabeth Haslbeck & Suzanne Friedman, Naval Surface Warfare Center, Carderock Division

#### Afternoon Presentations:

#### Protective Coatings

Chris Farschon, PCS, Tony Serdenes, Kirk Shields and Lloyd Smith, PCS Greenman-Pedersen, Inc.

### Tuesday Track 3: Coatings in Marine Environments

#### Morning Presentations:

#### NSRP Surface Preparation and Coatings Panel, Update

Steve Cogswell, BAE Systems Southeast Shipyards

#### Epoxy/Silicone: The Ecological Evolution of Speed, Efficiency and Durability in High Performance Marine Coatings

Duane Palmateer, Ian R. Germain and John Kilger, Phd., Greenfield Manufacturing, Inc.

#### Zinc Rich Primers for Corrosion Protection

J. Peter Ault, PCS, Elzly Technology Corporation

#### Underwater Ship Hull Coating Systems in the Post – TBT Era

Boud van Rompay, The Hydrex Group

#### Afternoon Presentations:

#### Practical Application of Climate Control on Industrial Coating Projects

Don Schnell & Brian Battle, Dehumidification Technologies, LP

### Tuesday Track 4: Advancing Green Technology

#### Morning Presentations:

#### New Solvent-Free Waterborne Epoxy Resin Dispersion for Low VOC 2-Pack Protective Coatings

Ming Tsang, Cytec

#### Green Blasting Technology With Focus on HSE and Quality

Kjetil Roksvag, Pinovo

#### Green – Just Another Color in Mechanical Surface Preparation?

Kumar Balan, Wheelabrator Group

#### Cartridge Technology for Spray Applied Coatings – Low Cost, Reliable, Portable and Green

Peter Kuzyk, Plas – Pak Industries

#### Access Solutions for Wind Turbines

Clint Ramberg, Spider

# Technical Education Tracks

## Afternoon Presentations:

### Experiences with Coating Systems Selection for the World Trade Center Transportation Hub

John Bullard, PCS, The Port Authority of NY & NJ

### Cross-Linking Performance to Mechanism

Andrew Recker, International Paint, LLC.

### Flame Retardancy in Coatings

Mark Anater, The Dow Chemical Co.

### Colored Pigments for Coatings – Chemistry & Performance

Romesh Kumar, Clariant Corporation

### Ultra-violet Curable Coatings From Highly Functional Acrylated Biobased Resins

Adlina Paramarta, North Dakota State University

### Portable Plural Component Equipment Utilizing Synergistic Chemistry

Chas Weatherford, Specialty Products, Inc.

## Tuesday Track 5: Protecting the Military

### Afternoon Presentations:

#### Leadership in Corrosion Prevention and Mitigation

Dan Dumire, Office of Under Secretary of Defense Acquisition, Technology & Logistics

#### The Importance of Coatings to the Department of the Navy

Stephen J. Spadafora, Department of the Navy

#### Coatings Technical Warrant Holder Update

Mark Ingle, NAVSEA

#### With Great Power Comes Great Responsibility

Rodger D. Hamerlinck, DBA, DML, US Army Office of the Assistant Secretary of the Army Acquisition, Logistics and Technology

#### United States Marine Corps Corrosion Prevention and Control Office (CPAC) Program Overview

Andrew Sheetz, NSWCCD

## Wednesday, February 1

### Wednesday Track 1: Coatings for Concrete

#### Morning Presentations:

##### Waiting for the Concrete to Dry at Johnston Memorial Medical Building in Arlington, VA

David Simkins, Polygon

##### With Novel 2K Water Based Polyurethane Systems You Can Walk Where Traditional Systems Cannot Tread

Leo Meilus, Navcor, Inc.

##### Case History: Primary Care Physician's Office Refurbished with Sustainable Self-Leveling Coating and a UV Curable Topcoat

Bob Seman, Seman Flooring

##### The History of Sealers and Coatings in Decorative Concrete

Chris Sullivan, ChemSystems, Inc.

#### Afternoon Presentations:

##### Regulatory Update: Current and Emerging Trends in Occupational and Environmental Health

Alison B. Kaelin, CQA, KTA-Tator, Inc.

##### A Review of the Elements of the EPA's Chemical Action Plan for MDI and TDI

Barbara Cummings, Bayer MaterialScience

##### Identifying Potential Inhalation and Other Hazards Associated With Abrasive Blasting Operations

Thomas E. Enger, MS CSP, Clemco Industries, Corp

### Wednesday Track 2: Workshop - Women's Café Round Table

#### Morning Presentations:

The participants will discuss the specific question at each table for a twenty minute time frame at each table. Once completed, the participants will rotate to the next table and repeat the process. We will discuss the outcome of each question as a whole group. The following questions will be discussed during the round table sessions:

- How do we overcome the mentality of the good old boys club?
- How can we make women more visible in our industry?
- Would women benefit from having a mentor in the industry?
- How women in the industry can avoid coming across as overly aggressive or weak?

#### Afternoon Presentations:

##### Leading the Next Generation

Michael Weeks, The University of Tampa

### Wednesday Track 3: Extending the Life of a Bridge

#### Morning Presentations:



##### A KYTC Study of the Effects of Chlorides on Bridge Coatings Performance

Bobby Meade, Kentucky Transportation Center

##### QC for the VTB: Overcoating the East Tower

William Hansel, PCS, California Department of Transportation

##### Next Generation Polyaspartate Topcoat:

##### Matching Throughput with Performance

James McCarthy, PPG Protective and Marine Coatings

#### Afternoon Presentations:

##### Overcoating – Texas DOT Perspective

Johnnie Miller, Texas DoT

##### Suspended Scaffold for Bridge Access

Clint Ramberg, Spider

##### 2-Component Polyurethane Topcoats Formulating Variables Affecting Performance in the Heavy Duty Corrosion Protections Market

Kurt Best & Edward P. Squiller, Bayer MaterialScience



### Wednesday Track 4: Workshop - Waterborne Performance

#### Morning Presentations:

##### Performance Comparison of Waterborne and Solvent Borne Epoxy Primers

Tim Miller & Yond Zhang, The Dow Chemical Company

##### Factors Influencing the Stay-Clean Properties and Service Life of New Fluoropolymer Coatings

Dr. Kurt Wood, Arkema Inc.

##### Enova Aerogel Additives for Next Generation Water Borne Insulative Coatings

Dhaval Doshi, Cabot Corporation

##### Waterborne Anticorrosive Binder Technology

Stacy Haynes & Denis Grimsley, BASF Corporation



#### **Afternoon Presentations:**

#### **Wastewater Treatment Plants – Bring Your “A” Game**

*Eric Brackman, RFI Consultants LLC*

#### **Manhole Rehabilitation – The Role Played by Linings**

*Kevin Morris, The Sherwin-Williams Company*

#### **Design Considerations for Lining Concrete Sludge Mixing and Storage Tanks in Wastewater Treatment Plants: Issues That Do Not Meet the Eye**

*Randy Nixon, Corrosion Probe, Inc.*

#### **A Practical Approach to the Rehabilitation of a Wastewater Treatment Facility: Utilizing Case Histories to Demonstrate “Real-Life” Applications**

*Lake H. Barrett Jr., Tony J. Oswald, Pete J. Jansen, Sauereisen*

## **Thursday, February 3**

### **Thursday Track 1: Field and Laboratory Testing**

#### **Morning Presentations:**

#### **Slip Coefficient and Tension Creep Testing of Coatings Used in Slip-Critical Bolted Connections**

*William D. Corbett, PCS, KTA-Tator, Inc.*

#### **Easy Inspection Form Creation for Dry Film Thickness and Related Test Measurement Requirements**

*Paul Lomax, Fischer Technology, Inc.*

#### **When Undercover Agents Can't Stand the Heat: The CIA and the Netherworld of Corrosion Under Insulation (CUI)**

*Dr. Mike O'Donoghue, International Paint LLC.*

#### **High Voltage Porosity Testing Continuous DC vs. Pulsed DC**

*John F. Fletcher, Elcometer Limited*

#### **Afternoon Presentations:**

#### **Rehabilitation of National Water Storage Landmark**

*Gregory “Chip” Stein, P.E., Tank Industry Consultants*

#### **Concrete Maintenance**

*Fred Goodwin and Frank Apicella, BASF Building Systems*

#### **Galvanize It**

*Kevin Irving, AZZ Galvanizing Services*

#### **Maintenance Painting of Galvanized Mast Arms:**

#### **A Project Performed Despite Budget Constraints**

*Richard A Burgess, PCS & Greg Richards, KTA-Tator, Inc.*

### **Thursday Track 2: Workshop – Waterborne Technologies for Protective Coatings**

#### **Morning Presentations:**

#### **Waterborne Technologies for Protective Coatings**

*Leo Procopio & Thomas Tepe, The Dow Chemical Company*

#### **Afternoon Presentations:**

#### **Drinking Down Under: Great Idea, Second Thoughts, The Right Path**

*Dudley J Primeaux II, PCS, Primeaux Associates LLC*

#### **Polyurea Great Wall: Beijing-Shanghai High Speed Railway Polyurea Protection Project**

*Weibo Huang, Qingdao Technological University*

#### **Polyurea Applied Over 30 Gage Galvanized Flashing**

*Ernst Toussaint, E.I.T, The Sherwin-Williams Company*

#### **New Developments in Aliphatic Polyurea Coatings**

*Paul Wiggins, Albemarle*

### **Thursday Track 3: Sink or Swim - Protecting Marine Structures**

#### **Morning Presentations:**

#### **Coatings for Zebra/Quagga Mussel Control, 3rd Year Evaluation**

*Dr. Allen Skaja, PCS & Dr. David Tordonato, US Bureau of Reclamation*

#### **Durability Assessment of Foul Release Coatings**

*Dr. David Tordonato & Dr. Allen Skaja, PCS, US Bureau of Reclamation*

#### **Non-Toxic Novel Silicone Foul-Release Marine Coatings**

*Rob Thomaier, Nusil Technology*

#### **Copper Antifouling Coatings – Greener than the Headlines. The Latest Regulator Happenings and How They Can Affect You**

*Neal Blossom, American Chemet*

#### **Afternoon Presentations:**

#### **Life Expectancy of a Paint System**

*Al Beitelman, U.S. Army ERDC-CERL*

#### **An Organometallic Ester Corrosion Inhibitor for Use in Direct-to-Metal Paints**

*John Hughes, Croda, Inc.*

#### **Coatings Used In Conjunction With Cathodic Protection**

*Richard Norsworthy, Polyguard Products, Inc.*

#### **Chemical Oxidative Polymerization of Polypyrrole on the Inorganic Flake Surface for Corrosion Inhibition of Aluminum 2024-T3**

*Victoria Johnston Gelling, Christopher A. Vetter, Niteen Jadhav, North Dakota State University*

### **Thursday Track 4: Workshop - JPCL Problem Solving**

#### **Morning Presentation:**

A panel of coatings industry experts will discuss a series of questions based on the 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.







2012




# Training & Conference Update

Early Bird Registration Deadline:  
December 1, 2011  
*Register early and save \$200!*  
[www.sspc2012.com](http://www.sspc2012.com)

Don't miss your chance to win an iPad at the SSPC 2012 Welcome Reception, sponsored by Carboline!

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