SSPC is accredited by the International Association of Continuing Education and Training (IACET) as an Authorized Provider. IACET is a non-profit association dedicated to excellence in continuing education and training programs. IACET accreditation is the gold standard in continuing education and the accepted benchmark by which such programs are measured.
SSPC graciously acknowledges those companies and chapters that make it possible for training and certification courses to be offered worldwide.

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Hampton Roads Chapter
International PCI
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North California/Nevada Chapter
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Flexible Benefits, Recertification, and Symbol Key

Organizational Members Can Save Money with Flexible Benefits!

SSPC makes membership even more valuable to member companies through the ability to customize a benefits package to suit their particular needs.

If training your work force is a priority for your company, you can use your flexible benefits points to lower the cost and increase the return on your investment. SSPC organizational members can use their “Flex” points to get additional discounts ($200 off per course) or get the online training listed below for FREE!

- Fundamentals of Protective Coatings (C1) eCourse (15 Points)
- Planning/Specifying Coatings Projects (C2) eCourse (15 Points)
- Marine Coatings eCourse (15 Points)
- Quality Control Supervisor eCourse (6 Points)
- Applicator Training Basics eCourse (6 Points)
- Surface Preparation of Steel Prior to Coating Application eCourse (3 Points)
- Surface Preparation of Concrete Prior to Coating Application eCourse (3 Points)
- Surface Preparation of Nonferrous Metals eCourse (3 Points)

More Information
For information on SSPC organizational membership, please contact Ernie Szoke at 877.281.7772, ext. 2214, szoke@sspc.org or visit www.sspc.org/membership.

To redeem your flexible benefits points for training, please contact Training Customer Service at 877.281.7772, ext. 2204 or training@sspc.org.

SSPC Recertification Online

Certification Term & Renewal
All SSPC-certified professionals must periodically renew their certifications. SSPC has now made this renewal process easier by placing its renewal exams online.

Coatings professionals, certified in the various programs, will be notified by mail in plenty of time to complete their renewals. Participants must take their recertification open book exam online before December 31st of the final year of their initial certification term. Those who do not successfully recertify within that 12 month period will have to retake the SSPC classroom portion of the program or an SSPC-approved equivalent.

The recertification process will include a brief open book written exam, taken online. Candidates must pass the exam with a score of 85%.

Certified Professionals are required to:
1. Complete and submit a Renewal Packet to SSPC. Renewal letters are sent to the last known address 6 months prior to the recertification date. The letter includes a return form with information to process a renewal. To request a Renewal Packet please contact Silvia Palmieri at palmieri@sspc.org or 877.281.7772, ext. 2201.
2. Download & Submit Relevant Forms:
   - work experience
   - application
   - photo requirement form
   - approved formal training (CAS only)
3. Certified professionals must document their minimum required hours of on-the-job experience. This documentation may be listed on the work experience form that will be sent in your Renewal Packet.
4. Register and take the certification refresher exam before the expiration date of your certification.

Each participant will receive a new wallet photo identification card upon successful completion of the recertification process.

Equipment Suppliers
Certifications That Can Be Renewed Online

Surface Preparation/Coating Application Recertifications
- Abrasive Blasting (C7)
- Aerospace Coating Application Specialist Certification Program (ACAS)
- Coating Application Specialist (CAS)
- Marine Plural Component Program (MPCAC, C14)
- Plural Component Application for Polyurea and High Solids Coatings (PLURAL)
- Protective Coatings Specialist (PCS) Program
- Spray Application Certification (C12)
- Thermal Spray Training (THERMAL)
- Waterjetting Program (C13)

Administrative Notes
- Candidate is responsible for sending SSPC updated address information
- If we get no response to the initial renewal letter sent out, a final notice is sent 3 months later
- If we still get no response by the certification expiration date, these individuals’ certifications expire and they must re-take the course and Certification Exam to become certified again
- If mail is returned as undeliverable, the candidate’s record is coded with a bad address
- Recertification Fees: Member $250 Non-Member $450

Recertification Registration
Go to: www.sspc.org/marketplace

Surface Preparation/Coating Application Recertifications
- Abrasive Blasting (C7)
- Aerospace Coating Application Specialist Certification Program (ACAS)
- Coating Application Specialist (CAS)
- Marine Plural Component Program (MPCAC, C14)
- Plural Component Application for Polyurea and High Solids Coatings (PLURAL)
- Protective Coatings Specialist (PCS) Program
- Spray Application Certification (C12)
- Thermal Spray Training (THERMAL)
- Waterjetting Program (C13)

Inspection Recertifications
- Bridge Coatings Inspector (BCI)
- Concrete Coatings Inspector (CCI)
- NAVSEA Basic Paint Inspector (NBPI)
- Protective Coatings Inspector (PCI)

Sample List of Agencies That Recognize SSPC Training/Certification Programs

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<th>Ohio DOT</th>
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<tbody>
<tr>
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<td>British Petroleum (BP)</td>
<td>Maine DOT</td>
<td>SSPC QP-1</td>
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<tr>
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</tr>
<tr>
<td>Florida DOT</td>
<td>New Jersey DOT</td>
<td>West Virginia DOT</td>
</tr>
<tr>
<td>Illinois Department of the Environment</td>
<td>New York Board of Professional Engineers</td>
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<tr>
<td>International Association of Continuing Education and Training (IACET)</td>
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Symbol Key

- **DoD Funding is available for this course.** See Page 53 for information about how to apply for the funding.
- **This course meets Navy requirements.**
- **This course is available online.**
- **This course has prerequisites.** More information can be found under the course description online at [www.sspc.org/training](http://www.sspc.org/training).
- **A Professional Certification is available for this course.**
- **Shows the difficulty level of the course.**

This course is recognized by an accredited organization. See above chart for more information.
Abrasive Blasting Program

Level: Intermediate
Duration: 2 Days / 16 Hours (Includes Written Exam and Hands-on Skill Assessment)
Class Time: 8:00 AM - 5:00 PM
Cost: Member $795 Non-Member $995
Credits: 0.75 CEUs
Certification Term: 5 Years
Prerequisites: Yes - Prerequisites can be found at www.sspc.org/training under this course description

Course Description
C7 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, surface cleanliness, surface profile, dust and debris control, and abrasives.

Course Content
- Principles of Surface Preparation
- Primary Components of an Abrasive Blasting System
- Abrasives
- Nozzle Equipment Operations Hands-On Session
- Portable Centrifugal (Wheel) Blast Equipment Operations Hands-On Session

Benefits of Attending
After attending this course you will be able to:
- Recognize the importance of surface preparation
- Discuss the merits of dry compressed air abrasive and centrifugal shot blast cleaning as a surface preparation method
- Create a surface profile to industry standards that define the level of achievable surface cleanliness

Course Format
The course starts with a classroom overview of fundamentals in preparation for the written exam, which is then followed by a thorough review and walk-through of abrasive blasting and portable centrifugal blasting equipment setup and operation. Once the written exam is completed, a tailgate safety meeting is conducted to review safe gun operating procedures, including troubleshooting and signals, before the hands-on session takes place.

Following the equipment review, the instructors will observe each student as they describe setup procedures and demonstrate their blasting skills. This format provides candidates with prior blasting experience an opportunity to achieve blaster certification. This program is not intended for inexperienced blasters. Each candidate will receive a comprehensive manual that includes copies of useful handouts and industry blast cleaning standards. Those who successfully complete the blaster certification program will receive a certificate and wallet identification card from SSPC.

The written multiple-choice exam is worth a maximum of 100 points. The hands-on evaluation is also worth a maximum of 100 points. Candidates wishing to achieve the C7 Certification and CEUs must attend all 16 hours of the course and pass the written exam with a score of 70% and the hands-on exam with a score of 90%.

Note: Students who do not want to receive the C7 Certification can receive a certificate of attendance by attending the lecture portion of the training and observing the blaster demonstration.

Who Should Attend
Contractors and facility owners.

The “Provide Your Own Training” Program is available for this course. See Page 53. This course is also available through SSPC-licensed providers. See Page 54 for contact information.
Aerospace Coating Application Specialist Certification Program

Level: Advanced
Duration: 2 Days / 16 Hours (Includes Hands-on Skill Assessment)
Class Time: 8:00 AM - 5:00 PM
Cost: Member $800 Non-Member $1,000
Credits: N/A
Certification Term: 5 Years
Prerequisites: Yes - Prerequisites can be found at www.sspc.org/training under this course description.

Course Description
SSPC has long recognized that the industrial painting industry is in need of a comprehensive craft worker training and certification program designed to create a readily available trained and qualified workforce that will meet ever-increasing facility owner demands for quality work completed safely. The industrial painting trade has become a highly technical profession with the introduction of more sophisticated coatings and the need for qualified craft workers is greater than ever.

The SSPC Aerospace Coating Application Specialist Certification Program is designed to certify those individual craft workers who have experience and training in all aspects of hands-on surface preparation and coating application to surfaces of aircraft structures, according to the requirements of the SSPC Aerospace Coating Application Specialist (ACAS) Program.

This certification meets the requirements of EPA 40 CFR Part 63, Subpart HHHHHH.

Facility owners, contractors, or certifying agencies may use this program for certification of Application Specialists for other substrates or conditions, as considered appropriate.

Exam Format
The SSPC Aerospace Coating Applicator Specialist Certification Program requires passing the hands-on exam that certifies proficiency in surface preparation and coating application using HVLP or Electrostatic spray. Candidates must wear appropriate personal protective equipment (PPE) during the hands-on session and must be able to answer questions about troubleshooting if things go wrong with the surface preparation process, equipment, or spray pot.

A minimum grade of 90% is required on the hands-on practical exam in order for a painter to be considered for ACAS certification.
Note: There is no written exam.

How do I get prerequisite training so I can get certified to the SSPC ACAS Program?
1. Register for the Embry Riddle e-Course AMT-2000. This course covers the fundamental scientific principles associated with the preparation and coating application for the common substrates used by manufacturers to build aircraft. Students will also gain the ability to distinguish the appropriate tools, materials, and products for performing routine tasks when preparing or painting aircraft surfaces. In addition a general understanding of how to work safely with hazardous materials and an overview of federal regulations governed by OSHA and the EPA that affect Aerospace Paint is also covered.

2. Complete the Embry Riddle e-Course scoring 80% or greater.

3. Apply for SSPC ACAS Certification by completing the application and submitting Embry Riddle transcripts.
Basics of Estimating Industrial Coatings Projects

Level: Basic  
Duration: 1 Day / 8 Hours (Includes Written Exam)  
Class Time: 8:00 AM - 5:00 PM  
Cost: Member $395 Non-Member $595  
Credits: 0.75 CEUs  
Certification Term: N/A  
Prerequisites: No

Course Description
This program covers the fundamentals of estimating industrial painting job costs including surface area calculations, labor and production rates, and equipment and material requirements.

Course Content
- Surface Area Calculations
- Labor Unit Costs
- Labor Production Rates
- Equipment Requirements
- Materials

Benefits of Attending
After attending this course you will be better able to:
- Recognize basic estimating terminology
- Identify factors that impact production rates
- Perform those calculations required to estimate job costs

Course Format
The class includes a lecture overview of estimating essentials combined with workshops. Each participant will receive a comprehensive manual that includes references for additional reading and copies of relevant handouts. A written multiple-choice exam is given at the conclusion of the course. To receive a certificate and CEUs you must attend the entire course and attain at least 70% on the exam.

Who Should Attend
The course is designed for those interested in learning the basics of estimating. Good candidates to attend are owners and contractors or their staff members responsible for job estimating.

Note
This course is recommended, along with SSPC’s Evaluating Common Clauses in Coating Contracts, for those taking SSPC’s Project Management for the Industrial Painting Industry course.
Bridge Coatings Inspector Program

Level: Advanced
Duration: 5 to 6 Days / 40 to 45 Hours (Includes Written Exam and Hands-on Skill Assessment)
Class Time: Monday-Friday 8:00 AM - 5:00 PM
Saturday 8:00 AM - 12:00 PM
Cost: See BCI Program Cost Breakdown
Credits: 3.7 CEUs
Certification Term: 4 Years
Prerequisites: Yes - Prerequisites can be found at www.sspc.org/training under this course description.

Course Description
The BCI course covers the fundamentals of how to inspect surface preparation and application of protective coatings on bridge steel. These fundamentals are applicable to those who inspect coating work both in the shop and in the field. The course covers unique situations that will affect inspection in the field (e.g. containment, field safety hazards, changing weather conditions), as well as the fundamental inspection skills required to inspect new bridge steel painted in the shop or in the field or maintenance systems applied in the field.

Course Content
- Roles and Responsibilities
- Nomenclature
- Inspection and Environmental Safety
- Preparation Prior to Beginning Work
- Mobilization
- Surface Preparation
- Coating Types and Characteristics
- Coating Handling and Application
- Coating Inspection and Defects

Benefits of Attending
After attending this course you will be able to:
- Define the varying professional roles of the inspector, bridge owner, and the painting contractor, and their relationship to each other at the job site
- Identify what preparation the inspector must make prior to the start of work in order to conduct effective inspections
- Recognize common coating inspection and related terms
- Identify and properly adjust and operate commonly-used coating inspection instruments and test apparatus
- Identify fundamental surface preparation and coating application processes
- Identify key documents (e.g. specification, product data sheets and technical bulletins, industry technical standards and references) required to perform competent inspections
- Identify inspection check or hold points
- Create inspection documentation, including a basic inspection plan
- Identify processes normally inspected and documented
- Identify common coating application defects

Course Format
The first four days of the program are devoted to classroom lectures about bridge coatings inspection planning, substrate repair prior to surface preparation, surface preparation itself, coating surveys, specifications, and documentation requirements with ample time allotted to hands-on exercises and instrument practice. Lectures are supplemented by quizzes, group exercises, and hands-on workshops.

On Day 5, the Level 1 Course Exam is given. Students have 2 hours to complete the 100-question multiple-choice test and hands-on practical exam. On Day 6, students who pass the course exam at 80% or higher can take the written and hands-on certification exams if they meet all of the prerequisites listed.

To become a BCI Level 2 Inspector and receive your CEUs you must pass the certification written & inspection training exam with a 70% and the certification practical with an 80% and attend all 40 hours of the course. See www.sspc.org/training for details.

Each participant will receive a comprehensive manual with copies of relevant SSPC standards. SSPC recommends that candidates take the classroom portion of this course before the course exam and certification exam.

Who Should Attend
Transportation agency coating inspectors, consulting engineer coating inspectors, fabrication shop coating inspectors, contractor coating inspectors, material and equipment supplier technical representatives, program and project managers, and resident engineers.
Bridge Maintenance: Conducting Coating Assessments

Level: Advanced
Duration: 2 Days / 16 Hours (Includes Written Exam)
Class Time: 8:00 AM - 5:00 PM
Cost: Member $620 Non-Member $820
Credits: 1.5 CEUs
Certification Term: N/A
Prerequisites: No

Course Description
This course covers the fundamental inspections skills required to conduct a visual coating condition assessment of an in-service steel bridge. It provides a wide range of concerns that can affect the condition of the coating and presents a reporting and rating system that coincides with the AASHTOWare BrM coating rating system, enabling the owner to make an educated decision on how to repair the damaged and deteriorated coating.

Course Content
- Visual assessment of corrosion and coating degradation
- Conducting visual coating condition assessments

Benefits of Attending
After attending this course you will be able to:
- Recognize the types of bridge coating corrosion
- Perform visual assessments and establish corrosion ratings
- Recognize various types of coating degradation
- Perform visual coating condition assessments of a bridge structure and report on the overall condition of the coating

Course Format
Each participant will receive a comprehensive manual that includes references for additional reading and copies of relevant handouts. A written multiple-choice exam is given at the conclusion of the course. To receive a certificate and CEUs, you must attend the entire course and attain at least 70% on the exam. The class includes a lecture overview of conducting coating assessments combined with workshops.

Who Should Attend
Transportation agency structural and coating inspectors, consulting engineer coating inspectors, material and equipment supplier technical representatives, program and project managers and resident engineers
Coast Guard Basic Paint Inspector Course

Level: Advanced  
Duration: 5 Days / 40 Hours (Includes Course Exam)  
Class Time: 8:00 AM - 5:00 PM  
Cost: Member $1,095 Non-Member $1,295  
Credits: 3.8 CEUs  
Certification Term: N/A  
Prerequisites: No

Course Description
This is a five-day inspection course that was developed to train coatings inspectors in those duties and responsibilities involved in inspecting surface preparation and application for the U.S. Coast Guard.

Course Content
- Fundamentals of Corrosion  
- Corrosion Control  
- Mechanical Cleaning Methods  
- Abrasive Blast Cleaning  
- Waterjetting and Alternate Surface Preparation  
- Surface Preparation Method Selection  
- Coating Systems  
- Specialty Coatings and Surfaces  
- Coating Application  
- Nonskid  
- Safety  
- Documentation  
- Inspection  
- CPAC Program Responsibilities  
- Maintenance Procedure Cards  
- Tank and Void Corrosion Assessment and Inspection

Benefits of Attending
After attending this course you will be able to:
- Identify the steps required to achieve quality surface preparation and application  
- Recognize the importance of coatings assessment  
- Explain the inspector's role in supporting Coast Guard activities through coatings quality assurance  
- Describe the tools the inspector uses in quality assurance

Course Format
- Lecture and discussions  
- Demonstrations and workshops  
- Course Written Final Exam (closed book)

Each participant will receive a comprehensive manual that includes copies of relevant standards.

The written exam consists of 50 multiple-choice questions. To receive a certificate and CEUs, you must attend all 40 hours of the course and attain a 70% or better score on the exam.

Who Should Attend
The course is primarily designed for people and organizations that are involved in painting work for the Coast Guard. However, the comprehensive nature of this course makes it an ideal tool for anyone interested in this subject.
Coating Application Specialist Program

Level: Advanced
Duration: 2 Days / 16 Hours (Includes Written Exam and Hands-on Skill Assessment)

Class Time: 8:00 AM - 5:00 PM
Cost: See CAS Program Cost Breakdown
Credits: N/A
Certification Term: 3 Years
Prerequisites: Yes - Prerequisites can be found at www.sspc.org/training under this course description.

Program Description
The SSPC Coating Application Specialist Certification Program is designed to certify those 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, according to the requirements of the SSPC Coating Application Specialist (CAS) Program. This certification program also meets the requirements of ISO 17024. Facility owners, contractors, or certifying agencies may use this program for certification of Application Specialists for other substrates or conditions, as considered appropriate.

Program Options
• SSPC Coating Application Specialist Level 1
• SSPC Coating Application Specialist Level 2 Certification Program (CAS) (Interim Status)
• SSPC Coating Application Specialist Level 2 Certification Program (CAS) (Full Status)

Exam Content
The SSPC CAS Interim Written Exam is now available in SPANISH & GREEK! Each candidate must note on the prerequisite form that they require the CAS Written Exam in Spanish or Greek.

Level 1
The SSPC Coating Application Specialist Level 1 exam consists of basic knowledge of industrial coatings and linings.

Level 2
The SSPC Coating Applicator Specialist Level 2 Certification Program requires passing a closed-book written exam drawn from the core areas of the SSPC Transition Plan “Body of Knowledge”:

• Environmental, Safety and Health
• Surface Preparation
• Coating Application
• Equipment/Troubleshooting

The hands-on portion of the testing certifies proficiency in abrasive blasting and coating application using conventional or airless spray. A minimum grade of 70% is required on the written exam and a minimum grade of 90% is required on the hands-on practical exam, in order for a painter to be considered for (CAS) certification.

Interim Program
The Interim Certification Program allows those in the current workforce the opportunity to realistically achieve certification during 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 and marine structures.

SSPC offers two tracks to achieve interim certification under the SSPC CAS Program. Visit www.sspc.org/training for details.

Full Status Certification Program
Due to the make up of the current workforce and available training opportunities, SSPC strongly believes that owners should specify SSPC Interim Status painter certification during the next several years (in lieu of full status certification), while the industry gets up to speed with the new requirements. For a copy of SSPC’s position statement go to www.sspc.org/training.

SSPC will still offer full status certification to SSPC-ACS 1/NACE 13 under the CAS program for those who request it and qualify.

SSPC offers three tracks to achieve full certification under the SSPC CAS Program. Visit www.sspc.org/training for details.

Note
If you are an employer interested in providing training for your employees to meet the formal training requirements of CAS, SSPC can provide this material. See Page 45 for information on the Trainthepainter Program.
Coating Application Specialist - Refresher

Course Description
The Coating Application Specialist – Refresher is an overview of surface preparation and application covered in the “Body of Knowledge” of SSPC-ACS 1/NACE No. 13 Applicator Certification Standard No 1, “Industrial Coating and Lining Application Specialist Qualification and Certification.” This training program covers those topics for Level 1 in the areas of surface preparation and coating application. Level 1 training is especially designed for entry-level employees new to the coatings Industry.

Course Content
- Corrosion
- Surface Preparation
- Abrasive Materials
- Coating Materials
- Application Methods of Protective Coatings

Who Should Attend
Contractor personnel interested in learning surface preparation and application techniques.

Why Take This Refresher
This program is a great way to prepare candidates for the CAS Level 1 and Level 2 Exams. See chart below on how to progress through the CAS Program.
Concrete Coating Basics

Level: Basic
Duration: 2 Days / 16 Hours (Includes Written Exam)
Class Time: 8:00 AM - 5:00 PM
Cost: Member $620 Non-Member $820
Credits: 1.5 CEUs
Certification Term: N/A
Prerequisites: No

Course Description
This course is designed to provide basic training to contractors and act as a prerequisite for individuals seeking Concrete Coating Inspector Certification. This course also meets the practical training requirements of SSPC-QP 8, Section 4.4, that requires that each job crew chief and each QC Manager complete a minimum two-day overview of concrete components, coating and surfacing types, surface preparation and substrate repair techniques based on SSPC-GUIDE 20, “Procedures for Applying Thick Film Coatings and Surfacings over Concrete Floors.”

Course Content
- Concrete Composition
- Coating and Surfacing Concrete
- Condition Assessment
- Planning and Documenting Work
- Concrete Repair and Surface Preparation
- Treatment of Concrete Joints
- Readiness Prior to Installation
- General Installation Guidelines
- Concrete Sealers
- Concrete Primers
- Concrete Coatings/Topcoats
- Application Methods
- Post-Installation Quality Assurance

Benefits of Attending
After attending this course you will be able to:
- Recognize the basic properties of concrete
- Identify the procedures involved in inspecting, documenting and preparing for an installation
- Detect substrate defects that must be repaired before coating/surfacing
- Employ surface preparation techniques based upon the requirements of the system to be installed
- Describe how to apply/install coatings to concrete substrates
- Evaluate contractor quality control of work

Course Format
Each participant will receive a comprehensive manual that includes a glossary of terms, references for additional reading, and copies of relevant handouts, standards and regulations. The first two days of the program are devoted to classroom lecture supplemented by quizzes and group exercises.

At the end of the second day the concrete coating basic exam is given. The examination includes multiple-choice questions. A passing grade of 70% or higher is needed to receive a certificate and CEUs. You must pass this course to move onto the CCI certification course.

Who Should Attend
Concrete contractor coating managers and inspectors, contractor managers, specifying engineers, technical representatives and material and equipment suppliers involved in the concrete coating industry.
Concrete Coating Inspector

Benefits of Attending
After attending this course you will be able to:
• Recognize the common duties, responsibilities and the role of a coating inspector
• Use concrete coating inspection equipment according to the manufacturer's guidelines
• Identify specified concrete surface preparation methods
• Systemize record keeping procedures pertaining to the job specification
• Describe the inspector's team's responsibilities and authority with respect to the contractor's operations

Course Content
• Inspection and Treating Substrate Problems That Affect Coating Quality
• Inspecting Ambient and Substrate Conditions
• Inspecting Surface Preparation Equipment
• Inspecting and Testing Abrasive Blast Media
• Safety Hazard Inspection
• Inspecting Surface Preparation
• Inspecting Coating Application on Concrete
• Coating Specifications
• Simulated Pre-Job Conference
• Inspection Procedure Development
• Simulated Project Inspection

Course Format - (See SSPC website for details and schedule of all path options)
PATH 1 - Six-Day Training and Certification Option
Each participant will receive a comprehensive manual with copies of relevant SSPC standards. The course includes both written homework and assigned readings from the manual.

The first two days of the program are designed to provide an overview of concrete components, coating and surfacing types and surface preparation and substrate repair techniques. At the end of Day 2, the training exam is given. You must pass the training exam with 70% or better to move on to Days 3-5.

Days 3-5 of the program are devoted to classroom lecture about planning and providing third party quality assurance through inspection from presurface preparation to post-coating application. Lectures are supplemented by quizzes and group exercises. At the end of Day 5, the technician exam is given. The technician written exam consists of 50 multiple-choice questions and a hands-on test in the practical use of instruments. A passing grade of 70% or higher on the written and hands-on technician exams is required to move on to the certification exam given on Day 6.

On Day 6 the concrete coating inspector certification exam is given. The certification examination includes a 100 multiple-choice question written exam, an inspection plan development exam, and a hands-on test on the practical use of instruments. A passing grade of 80% or higher on each exam is required to become an SSPC Concrete Coating Inspector.

Who Should Attend
Inspectors, contractor managers, specifying engineers, technical representatives and material and equipment suppliers involved in the concrete coating industry.

This course is also available through SSPC-licensed providers. See Page 55 for contact information.
CCI Supplement: Determining the Level of Moisture in Concrete

Level: Advanced
Duration: 1 Day / 8 Hours
Class Time: 8:00 AM - 5:30 PM
Cost: Member $395 Non-Member $595
Credits: 0.8 CEUs
Certification Term: N/A
Prerequisites: Yes - Prerequisites can be found at www.sspc.org/training under this course description.

Course Description
This course covers the fundamental inspections skills required to conduct moisture testing of concrete substrates. It will define and explain the steps needed when measuring moisture in accordance with the relevant ASTM Standard Test Methods.

Course Content
• ASTM D4263 - Standard Test Method for Indicating Moisture in Concrete by the Plastic Sheet Method
• ASTM F1869 - Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride
• ASTM F2170 - Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes

Benefits of Attending
After attending this course, you will be able to:
• Define the term “moisture” when related to concrete
• Explain how moisture negatively impacts a concrete substrate that is to be coated
• Define moisture vapor emission rate
• Define relative humidity
• Define dew point and relative humidity
• Explain and conduct the necessary steps to measure moisture in concrete in accordance with ASTM D4263, F1869, F2170 and F2420
• Evaluate the ASTM standard test methods results
• Report and document the ASTM standard test methods results

Course Format
Each participant will receive a comprehensive student manual. The program consists of a lecture, a hands-on workshop, and a written and practical certification exam. To receive a certificate and CEUs, you must attend all 8.5 hours of the course and attain a grade of 80% or higher on the written and practical exam.

Who Should Attend
SSPC CCI Level 2 Inspectors
Developing an Effective Coating Specification

Course Description
This course presents an overview of the logical and systematic development of coating specifications, building upon Construction Specification Institute (CSI) specification writing knowledge. It reviews a wide range of concerns that can affect project success and presents a checklist for developing coating specifications.

Course Content
- Contracting Environment
- CSI Specification Fundamentals & Methodology
- Coating Specification
- Specification Planning
- Submittals
- Work Plans
- Materials
- Environmental Conditions
- Surface Preparation
- Coating Application
- Inspection and Documentation
- Project Closeout
- Quality Assurance (QA)/Quality Control (QC)
- Corrective Action (CA)

Benefits of Attending
After attending this course you will be able to:
Recognize and implement best practices for preparing and administering a quality specification for application of high performance coating and lining systems to protect industrial structures.

Course Format
The course focuses on the technical requirements to consider when preparing specifications for coating work on complex projects in general, with an emphasis on steel and concrete industrial and marine structures.

Various interactive exercises and unit quizzes supplement and reinforce the lecture and text, giving students practice in analyzing key coating specification areas. Student progress is assessed with a final exam. The written exam consists of multiple-choice questions. To receive a certificate and CEUs you must attend all 24 hours of the course and attain at least 70% on the exam.

Who Should Attend
Experienced specification writers who want to enhance knowledge of coating specifications and coating program managers who want to learn more about coating specifications.
Evaluating Common Coating Contract Clauses

Level: Basic  
Duration: 1 Day / 8 Hours (Includes Written Exam)  
Class Time: 8:00 AM - 5:00 PM  
Cost: Member $395 Non-Member $595  
Credits: 0.75 CEUs  
Certification Term: N/A  
Prerequisites: No

Course Description
This course provides a basic overview of those 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.

Course Content
- Contract Documents  
- Mutual Rights and Responsibilities  
- Contractor  
- Subcontractor  
- Changes in the Work  
- Dispute Resolution  
- Termination, Suspension, or Assignment of the Subcontract  
- The Work of the Subcontractor  
- Date of Commencement and Substantial Completion  
- Payment  
- Progress Payments  
- Final Payment  
- Insurance and Bonds  
- Temporary Facilities and Working Conditions  
- Miscellaneous Provisions  
- Subcontract Documents  
- Prime Contracts  
- Unique Clauses and Claims  
- Case Studies  
- Glossary of Terms

Benefits of Attending
After attending this course, you will be able to:
- Identify the basic principles of construction contracting  
- Recognize some of the more common legal terms used in construction contracting  
- Identify and prioritize typical construction contract documents  
- Evaluate the risks and costs associated with the various forms of dispute resolution  
- Evaluate the basic terms and conditions of a protective coating contract  
- Recognize the potential consequences of subjects not included in a coating contract  
- Associate contract clauses with different aspects of the job and recognize their effect on potential disputes

Course Format
The course includes lecture, scenario-based exercises using a sample contract, quizzes, and final exam. Each participant will receive a comprehensive student manual. The written exam consists of multiple-choice questions. To receive a certificate and CEUs you must attend all 8 hours of the course and attain at least 70% on the exam.

Who Should Attend
Production and project managers, supervisors and anyone involved in the decision-making process who needs to become more comfortable with contracts used in the coatings industry.

Note
This course is strongly recommended as a prerequisite for Project Management for the Industrial Painting Contractor (See Page 33).
Course Description
This course is designed to meet the practical training requirements of SSPC-QP 8 Section 4.4, that require each job crew chief and each 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-GUIDE 20, “Procedures for Applying Thick Film Coatings and Surfacing Over Concrete Floors.”

Course Content
- Concrete Composition
- Coating and Surfacing Concrete
- Condition Assessment
- Planning and Documenting Work
- Concrete Repair and Surface Preparation
- Treatment of Concrete Joints
- Readiness Prior to Installation
- General Installation Guidelines
- Concrete Sealers
- Concrete Primers
- Coatings/Topcoats
- Spray Application
- Installation of Self-Leveling Systems
- Installation of Slurry Coats
- Installation of Broadcast Flooring Systems
- Troweled Polymer Flooring Systems
- Coving
- Incorporating Reinforcement into Coatings and Surfacing
- Post-Installation Quality Assurance

Benefits of Attending
After attending this course you will be able to:
- Recognize the basic properties of concrete
- Identify the procedures involved in inspecting, documenting, and preparing for an installation
- Detect substrate defects that must be repaired before coating/surfacing
- Employ surface preparation techniques based upon the requirements of the system to be installed
- Describe how to apply/install coatings/surfacing to concrete floors
- Evaluate contractor quality control

Course Format
Each participant will receive a comprehensive manual that includes a glossary of terms, references for additional reading, and copies of relevant handouts, standards and regulations. Day 1 is devoted to a brief overview of the basic properties of concrete, condition assessment, planning, surface repair and joint treatment. Sealers, primers, topcoats and application procedures and post-job quality control are covered during Day 2.

The unit material is reinforced by five quizzes prior to the 50-question multiple choice final exam. The course also features six interactive exercises addressing ambient conditions, use of technical and material safety data sheets, selecting coating systems, adhesion, and calculating thickness and volumes. A project planning exercise assists students in applying lecture topics to a job scenario.

To receive a certificate and CEUs you must attend all 16 hours of the course and attain at least 70% on the exam.

Who Should Attend
Concrete contractor coating and surfacing managers and related personnel.
Fundamentals of Protective Coatings

Level: Basic  
Duration: 5 Days / 40 Hours (Includes Written Exam)  
Class Time: Monday - Friday 8:00 AM - 5:00 PM  
Cost: Member $1,020 Non-Member $1,220  
— Exam Only Option (1 day): Member $250 Non-Member $450  
Credits: 3.8 CEUs  
Certification Term: N/A  
Prerequisites: No

Course Description
This course 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 against corrosion and deterioration of industrial structures.

Course Content
- Corrosion and Corrosion Control  
- Coating Types and their Mechanisms and Protection  
- Surface Preparation for Painting  
- Application of Coatings  
- Inspection and Quality Control  
- Coatings for Steel Structures  
- Coating Degradation, Defects, and Failures  
- Coating of Concrete Surfaces  
- Safety in Painting Operations

Benefits of Attending
After attending this course you will be able to:
- Identify types of corrosion and select coatings that meet project demands  
- Recognize the different types of coatings available and the various mechanisms at work in the process of protection  
- Discuss how proper surface preparation is critical to achieving the maximum level of protection available through protective coating systems  
- Describe the inspection equipment and methods used to ensure that all specification requirements are met  
- Classify coating selection and application by facility and service environment  
- List the factors that accelerate coating deterioration and the techniques used to avoid common defects  
- Distinguish the unique selection and application problems with coating concrete surfaces  
- Recognize the safety hazards involved in coating operations and the responsibilities of management and workers in safety training and practices

Course Format
Each participant will receive a comprehensive manual that includes a glossary of terms, references for additional reading and copies of relevant handouts, standards and regulations.

The written exam consists of 100 multiple-choice questions. To receive a certificate and CEUs you must attend all 40 hours of the course and attain at least 70% on the exam.

Who Should Attend
Contractors, engineers, inspectors, consultants, facility owners, technical services and sales reps.

Note
C1 fulfills part of your training requirement for SSPC Protective Coatings Specialist (PCS) Certification. All students interested in pursuing PCS Certification having less than 15 years coatings experience must take the C1 Exam and the C2 Course prior to applying to sit for PCS exam. Individuals who are unfamiliar with the fundamentals of coatings technology should consider taking C1 prior to C2.

This course is also available through SSPC-licensed providers.  
See Page 55 for contact information.
Inspecting Containment

Level: Intermediate
Duration: 1 Day/8 Hours (Includes Written Exam)
Class Time: 8:00 AM - 5:00 PM
Cost: $395 Non-Member $595
Credits: 0.7 CEUs
Certification Term: N/A
Prerequisites: No

Course Description
This course reviews how an inspector checks that the surface preparation and debris collection methods employed match the containment requirements and minimize or prevent emissions from escaping the work area. It also reviews how the inspector verifies the amount of emissions escaping from a containment area.

Course Content
- Matching surface preparation and debris collection methods to containment requirements
- Containment systems
- Illumination requirements
- Dust collectors
- Selecting method

Benefits of Attending
After attending this course you will be able to:
- Read the containment system drawing and recognize the type of containment that should be in place
- Recognize that the proper containment is in place for the surface preparation method employed
- Define the type of containment class
- Define illumination requirements for a given job based on the specified containment
- Verify the amount of emissions escaping from a containment area

Course Format
The course is a combination of lecture and workshops with a comprehensive student manual including relevant standards. It concludes with a 20-question written exam. To receive a certificate and CEUs you must attend all 8 hours of the course and attain at least 70% on the exam.

Who Should Attend
Inspectors and QC professionals who wish to learn more about containment requirements for industrial coatings work.
Inspection Planning and Documentation

**Level:** Advanced  
**Duration:** 2 Days / 16 Hours (Includes Written Exam)  
**Class Time:** 8:00 AM - 5:00 PM  
**Cost:** Member $620  
Non-Member $820  
**Credits:** 1.4 CEUs  
**Certification Term:** N/A  
**Prerequisites:** No

**Course Description**
This two-day course is designed to help coating inspectors learn how to effectively plan inspections before the work starts and accurately document results of tests and inspections conducted after work begins. The training will emphasize:
- Carefully reviewing plans and specifications in order to develop a comprehensive inspection plan
- Using forms to accurately and legibly document project-specific inspection and test results, non-conforming work and rework

**Course Content**
- Inspection Planning
- Inspection Documentation

**Benefits of Attending**
After attending this course you will be better able to:
- Explain the importance of thorough documentation
- Prepare an inspection plan/procedure
- Compare inspection results to specification requirements
- Describe key forms used to document coating work and quality monitoring

**Course Format**
This course will be presented in a workshop format and is designed for practicing coating inspectors already familiar with commonly used coating inspection instruments and standards of practice.

The written exam consists of multiple-choice questions. To receive a certificate and CEUs you must attend all 16 hours of the course and attain at least 70% on the exam.

**Who Should Attend**
The course has value for owners and others who monitor and audit contractor Quality Control (QC) inspection reports as part of their Quality Assurance (QA) program.
Lead/Hazardous Coatings Removal

Level: Intermediate
Duration: 4 Days / 32 Hours (Includes Written Exam)
Class Time: 8:00 AM - 5:00 PM
Cost: Member $995 Non-Member $1,195
Credits: 3.0 CEUs
Certification Term: N/A
Prerequisites: No

Course Description
C3 contains specific discussions on protecting workers, compliance with environmental regulations, proper management of waste streams and operations that result in potential exposures to lead and other hazards, and associated control technology. It includes background information on the hazards of lead and other toxic metals as well as a review of the current legal and regulatory issues. The course also addresses developing programs to effectively control risks to workers, the public, and the environment.

Course Content
- Hazardous Coatings and Materials in Industrial Painting
- Legal and Liability Issues
- Health Effects of Hazardous Coatings & Materials
- Identification of Hazardous Coatings/Hazardous Materials
- Air, Soil, Water/Sediment, and Dust Regulations and Monitoring Strategies
- Worker Protection from Hazardous Coatings/Materials
- Respiratory Protection and PPE
- Management of Solid and Hazardous Wastes
- Sources of Hazardous Coatings Exposure
- Control of Environmental Releases (Containment and Ventilation)
- Specifications, Submittals, and Site-Specific Compliance Programs
- Pre-Planning and Worksite Preparation
- In-Process and Post-Competent Person (CP) Responsibilities/Demobilization
- Installation of Broadcast Flooring Systems
- Troweled Polymer Flooring Systems
- Coating
- Incorporating Reinforcement into Coatings and Surfacing
- Post-Installation Quality Assurance

Benefits of Attending
After attending this course you will be able to:
- Identify sources of hazardous coatings and materials and the relative risks posed by industrial painting activities
- Describe the potential effects of hazardous coatings/materials
- Implement controls and work practices necessary to protect the public, environment, and workers during industrial hazardous coating removal activities
- Apply procedures to measure and verify the continued adequacy of control options

Course Format
Each participant will receive a comprehensive manual that includes references for additional reading and copies of relevant handouts. Hands-on workshops following most of the units reinforce the key points and give students the opportunity to test their knowledge. Quizzes help the students prepare for the 100-question multiple-choice examination administered at the end of the course.

To receive a certificate and CEUs, you must attend all 32 hours of the course and attain a 70% or better score on the exam.

Who Should Attend
Contractors and Competent Persons; Engineers, EHS, and Other Consultants; Specifying or Project Managers

The SSPC C-5 refresher class is required to be completed:
1. Annually for those people working with companies that are SSPC QP-2 certified, or on projects where the SSPC QP-2 certification is required or;
2. SSPC recommends every two years for all others unless regulatory or contract requirements are more stringent.

Note: Check with the Department of Environment with your state for their specific requirements. Most states require a C5 refresher every two years.
Note: Virginia Department of Environment is every 3 years.

The SSPC reserves the right to allow a 90 day grace period after the 1 or 2 year time frame to allow students time to attend a refresher class.

State Supplements
For Illinois, Maryland, New Jersey and Virginia state supplements are available with this course for an additional charge of $25 per state.

For information on State Supplements contact Nicole Lourette at lourette@sspc.org or at 412-281-2331, ext. 2204.

QP 2 Requirements
This SSPC course meets the requirements of state programs that require refresher training to maintain supervisor certification and meets SSPC-QP-2 requirements for competent person training certification.

This course is also available through SSPC-licensed providers. See Page 54 for contact information.
Lead/Hazardous Coatings Removal Refresher

Level: Intermediate
Duration: 1 Day / 8 Hours (Includes Written Exam)
Class Time: 8:00 AM - 5:00 PM
Cost: Member $395 Non-Member $595
Credits: 0.8 CEUs
Certification Term: N/A
Prerequisites: Yes - Must take SSPC C3 first.

Course Description
This one-day course provides a review of Competent Person duties and responsibilities in working with lead and other hazardous materials encountered in industrial coatings work. It also reviews relevant OSHA and EPA regulations.

Course Content
• Competent Person Requirements
• Health Effects / OSHA Health Standards
• EPA Regulations
• Overview of Containment and Ventilation
• Regulatory Update

Benefits of Attending
After attending this course you will be able to:
• Recognize the duties and responsibilities of a Competent Person in protecting workers, the community, and the environment in the removal of hazardous materials during industrial coatings projects
• Identify those OSHA and EPA regulations relevant to the removal of hazardous materials during industrial/marine coatings projects

Course Format
Each participant will receive a comprehensive manual that includes copies of relevant standards and regulations. The written exam consists of 25 multiple-choice questions. To receive a certificate and CEUs you must attend all 8 hours of the course and attain a 70% or better score on the exam.

Who Should Attend
This course was designed to refresh Supervisors/Competent Persons who have completed the SSPC C3 training and who are experienced at performing Competent Person duties on hazardous paint removal projects on industrial structures or components in the shop or field. Engineers, EHS, and other consultants and specifying or project managers who have completed C3 may also attend.

The SSPC C-5 refresher class is required to be completed:
1. Annually for those people working with companies that are SSPC QP-2 certified, or on projects where the SSPC QP-2 certification is required or;
2. SSPC recommends every two years for all others unless regulatory or contract requirements are more stringent.

Note: Check with the Department of Environment with your state for their specific requirements. Most states require a C5 refresher every two years.
Note: Virginia Department of Environment is every 3 years.

The SSPC reserves the right to allow a 90 day grace period after the 1 or 2 year time frame to allow students time to attend a refresher class.

State Supplements
For Illinois, Maryland, New Jersey, Missouri and Virginia state supplements are available with this course for an additional charge of $25 per state.

For information on State Supplements contact Nicole Lourette at lourette@sspc.org or at 412-281-2331, ext. 2204.

QP 2 Requirements
This SSPC course meets the requirements of state programs that require refresher training to maintain supervisor certification and meets SSPC-QP-2 requirements for competent person training certification.

This course is also available through SSPC-licensed providers. See Page 54 for contact information.
Lead Paint Worker Safety

**Course Description**
This one-day course provides training for workers on lead paint abatement and removal from steel structures. It starts with a review of basic information about lead and the human health hazards associated with it. The course continues with a review of 29 CFR 1926.62 and presents detailed information on the Respiratory Protection Standard (29 CFR 1910.134), that is incorporated by reference into the OSHA Interim Final Lead in Construction Industry Standard. The course then presents a review and update of Federal Government regulations involving lead, focusing on regulations promulgated by EPA. The course concludes with a review of control over emissions as presented in SSPC-Guide 6.

**Course Content**
- Background Information
- Worker Protection from Lead & Other Toxic Metals
- Regulatory Update
- Control of Environmental Releases

**Benefits of Attending**
After attending this course you will be able to:
- Describe the fundamentals of the OSHA Lead in Construction and Respiratory Protection Standards
- Discuss the fundamentals of applicable environmental protection regulations and best practices
- Recognize the hazards of exposure and appropriate ways to protect yourself from exposure during lead paint removal operations

**Course Format**
Each participant will receive a comprehensive manual that includes references for additional reading, copies of relevant handouts, standards and regulations. The written exam consists of 25 multiple-choice questions. To receive a certificate and CEUs you must attend all 8 hours of the course and attain at least 70% on the exam.

**Who Should Attend**
Those assigned worker duties on any industrial deleading project who are: coatings inspectors who document contractor compliance; project managers and coating specifiers; containment superintendents; design engineers.

**Note**
State Approval - The Maryland Department of the Environment recognizes this course.
Marine Coatings

Level: Basic
Duration: 5 Days / 40 Hours (Includes Written Exam)
Class Time: 8:00 AM - 5:00 PM
Cost: Member $995 Non-Member $1,195
Credits: 3.8 CEUs
Certification Term: N/A
Prerequisites: No

Course Description
A five-day fundamental training program that covers the practical aspects of the selection, specification, and use of coatings in a safe, effective, and economical manner to protect structures in harsh marine environments.

Course Content
- Introduction to Marine Coatings
- Elements of Marine Corrosion
- Coating Fundamentals
- Marine Coating Systems
- Antifouling Coatings
- Surface Preparation
- Coating Application
- Quality Management
- Coating Failures
- Assessing Marine Corrosion
- Safety and Environmental Issues
- Failures

Benefits of Attending
After attending this course you will be able to:
- Recognize the nature of corrosion in the marine environment
- Describe the world-wide standards and organizations pertinent to marine coatings
- Identify the coating materials used in marine environments
- Employ proper coating application practices to protect marine structures

Course Format
Each participant will receive a comprehensive manual that includes a glossary of terms, references for additional reading, copies of relevant handouts, standards and regulations.

The written exam consists of 100 multiple-choice questions. To receive a certificate and CEUs you must attend all 40 hours of the course and attain at least 70% on the exam.

Who Should Attend
Contractors, engineers, inspectors, consultants, facility owners, technical services and sales reps.

Structures Covered
- Ocean Vessels (Blue/Deep Water)
- Inland Vessels (Coastal, Brown Water, Shallow Draft)
- Offshore Structures
- Coastal Marine Structures

Other Areas Covered
- New Construction Painting
- Maintenance Painting
- Dry Docking
- Crew Maintenance
- Ride-Along Painting Crews
- The Use of Worldwide Standards in the Marine Industry

Structures Covered
- Ocean Vessels (Blue/Deep Water)
- Inland Vessels (Coastal, Brown Water, Shallow Draft)
- Offshore Structures
- Coastal Marine Structures

Other Areas Covered
- New Construction Painting
- Maintenance Painting
- Dry Docking
- Crew Maintenance
- Ride-Along Painting Crews
- The Use of Worldwide Standards in the Marine Industry
Marine Plural Component

**Course Description**
This course is designed to certify craft workers operating plural component spray equipment and those applying protective coatings on steel in immersion service by airless spray using plural component spray equipment.

**Course Content**
- Introduction to and Overview of Plural Component Equipment Operational Systems
- Troubleshooting
- Characteristics of Plural Component Coatings
- Group Exercise
- Brush & Roll

**Benefits of Attending**
After attending this course you will be able to:
- Discuss the advantages of plural component spray technology
- Describe a two-part high solids epoxy
- Recognize the importance of when and how coatings are mixed on a plural-component spray pump
- Distinguish among the various methods of mixing: manual, at the gun, before the manifold, and after the manifold
- Apply plural-component coatings to steel in a manner that meets the requirements of a given job specification

**Course Format**
Each participant will receive a comprehensive manual that includes copies of useful handouts and industry blast cleaning standards. Those who successfully complete the MPCAC certification program will receive a certificate and wallet identification card from SSPC. Candidates wishing to achieve the MPCAC certification and CEUs must attend all 16 hours of the certification and must pass the written exam with a score of 70% and the hands-on exam with a score of 90%.

**Classroom**
The classroom session consists of a 6-8 hour review of the fundamentals of plural component spray technology: spraying high solids coatings using airless plural component spray pumps (e.g., material ratio, material viscosity, mixing, ambient conditions for application and curing, product data sheets, material safety data sheets, spray technique); equipment operation; troubleshooting basics and lessons learned; coating materials appropriate for plural component spray with focus on 2K 98% solids epoxies; and quality control basics.

**Hands-On Assessment**
The hands-on assessment requires each candidate to operate the plural component pump and explain its operations. The candidate is also required to spray coatings on a steel test panel constructed in accordance with ASTM D 4228 and to meet the coating manufacturer’s product data sheet (PDS) requirements. Candidates must wear appropriate personal protective equipment (PPE) during the hands-on session and must be able to answer questions about troubleshooting if things go wrong with the spray pump operation.

**Who Should Attend**
Contractors, project supervisors and craftworkers involved in applying plural component technology.

**Program Focus**
Program focus is on the application of two component (2K) 100% high solids epoxy protective coatings in a marine (shipboard) environment. However, SSPC does have a Plural Component Application for Polyureas and High Solids course, that evaluates the qualifications of those who apply (2K) 100% solids and polyurea protective coatings using plural component spray equipment in an industrial environment on steel or concrete.

**Outcome**
SSPC offers three categories of certification:
- Equipment Operator
- Spray Painter
- Spray Painter/Equipment Operator

The “Provide Your Own Training” Program is available for this course. See Page 53.
Master Coatings Inspector

The goal of the Master Coatings Inspector program is solely to recognize and honor those individuals whose experience and training has afforded them the prestige of multiple inspector certifications. SSPC recognizes that it takes tremendous personal commitment and dedication to the industry to maintain professional qualifications and that task in and of itself is why so many of those people are so widely respected.

If you are one of these highly trained and experienced individuals, SSPC would feel privileged to have you apply for Master Coatings Inspector recognition. There is no cost to you to file the application or maintain the recognition. All you need to do to qualify is hold a current certification for the CCI and any two of the following programs: PCI, BCI, NBPI, or PCS.

If you qualify and meet the criteria, you will be issued a certificate with a unique Master Coatings Inspector number as well as a special pin recognizing your achievement. You will be recognized in the JPCL and other industry publications via a special press release issued on your behalf. The best thing is that once you are a Master Coatings Inspector, you will always be a Master Coatings Inspector. As long as you file your annual renewal and maintain your individual certifications, SSPC will keep you on the Active list of MCIs. Otherwise, you will go on the Inactive list. However, you will still be considered a Master Coatings Inspector.

Why should I apply for the MCI?

We believe that you should be proud of your training and experience and make your colleagues aware of it. The MCI program places you in a unique category that not many people achieve.

Will SSPC accept other inspector certifications as qualification for the MCI?

No. At this time, we are only recognizing those people that are certified through SSPC-administered programs. However, each SSPC inspector certification program contains criteria that will enable those certified by other organizations to bypass certain of the SSPC program requirements.

Does MCI incur an additional fee?

No. You already pay to maintain your individual certifications.

For further information

Please contact Silvia Palmieri toll-free at 877.281.7772, ext. 2201 or palmieri@sspc.org.

WEATHER

Natural and Accelerated Weathering of Coatings

Level: Intermediate
Duration: 1 Day / 8 Hours (Includes Written Exam)
Class Time: 8:00 AM - 5:00 PM
Cost: Member $395 Non-Member $595
Credits: 0.8 CEUs
Certification Term: N/A
Prerequisites: No

Course Description

This course covers the different mechanisms of natural weathering, how and why coatings deteriorate, what methods have been developed that allow deterioration to be duplicated at an accelerated rate, and determining the overall coating performance.

Course Content

• Mechanisms of Natural Coating Deterioration
• Atmospheric Testing (Natural Weathering) of Coatings
• Artificial Accelerated Weathering Tests

Benefits of Attending

After attending this course you will be able to:
• Define the natural elements that cause weathering of coatings
• Recognize field exposure testing procedures
• Describe different accelerated testing procedures

Course Format

The class includes a lecture about natural and accelerated weathering of coatings combined with workshops. Each participant will receive a comprehensive manual that includes references for additional reading and copies of relevant handouts. A written multiple-choice exam is given at the conclusion of the course. To receive a certificate and CEUs you must attend the entire course and attain at least 70% on the exam.

Who Should Attend

Technical service representatives, consultants, engineers, and others interested in learning more about coating weathering. A prior basic understanding of coatings chemistry is required.
Navigating NAVSEA Standard Item 009-32

Course Description
This one-day course describes the naval ship cleaning and painting requirements found in NAVSEA 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.

Course Content
- Introduction to NAVSEA Standard Item 009-32
- Surface Preparation Criteria
- Coating Application Criteria
- Inspection and Documentation Criteria
- Tables 1 through 9 – Criteria for Options for Different Specific Vessel Areas
- Summary of Industry Standards Referenced in NAVSEA Standard Item 009-32

Benefits of Attending
After attending this course you will be better able to:
- Navigate NAVSEA Standard Item 009-32
- Use the criteria it presents to accomplish the painting requirements outlined for U.S. Navy surface ships, submarines and aircraft carriers

Course Format
Each participant will receive a comprehensive manual that includes references for additional reading, and copies of relevant handouts, standards, and regulations. The written exam is a one-hour exam that consists of 25 multiple-choice questions. To receive a certificate and CEUs, you must attend all 8 hours of the course and attain at least 70% on the exam. The class includes lectures and exercises that give students practice in searching for information in ASTM F718 PDS and the NAVSEA Standard Item 009-32 itself.

Who Should Attend
Those coating contractors, inspectors, and suppliers who need to gain a better understanding of NAVSEA.

NOTE
After completing Navigating NAVSEA Standard Item 009-32, consider NAVSEA Basic Paint Inspector (NBPI). Details on the next page.
NAVSEA Basic Paint Inspector

Level: Advanced
Duration: 5 Days / 40 Hours (Includes Written Exam)
Class Time: 8:00 AM - 5:00 PM
Cost: Member $1,295 Non-Member $1,495
Credits: 4.0 CEUs
Certification Term: 4 Years
Prerequisites: Yes - Prerequisites can be found at www.sspc.org/training under this course description.

Course Description
The NBPI course is a five-day inspection course that was developed by Naval Sea Systems Command (NAVSEA) to train coatings inspectors to inspect critical coated areas as defined by US Navy policy documents. These areas include (but are not limited to): cofferdams, decks for aviation and UNREP, chain lockers, underwater hulls, bilges, tanks, voids, well deck overheads, and others.

Course Content
- Corrosion
- Corrosion Control
- Inspection of Corrosion
- NAVSEA Documents
- Chemical or Detergent Cleaning Methods
- Mechanical Cleaning Methods
- Abrasive Blast Cleaning
- Waterjetting and Alternative Surface Preparation Methods
- Surface Preparation Method Selection
- Coatings
- Safety
- Coating Application
- Coating Defects and Failures
- Specialty Coatings and Surfaces
- Coating Inspector Preparation
- Condition Assessment
- Coatings Inspection Instrument Exercises and Workshops

Benefits of Attending
After attending this course you will be able to:
- Identify different types of corrosion
- Describe methods of corrosion control
- Demonstrate the use of environmental tests and coating inspection instruments
- Identify Navy single and multiple part paints
- Explain the different causes of coating failures or defects
- Create a coating inspector's inspection plan and log book
- Check the shelf life and condition of paint in the can
- Document that abrasive blasting, environmental conditions, paint procedures meet NAVSEA Standard Item 009-32, Chapter 631 and, when applicable, the manufacturer's guidelines
- Conduct post-blasting/post-surface prep inspection including condition of surface, profile, residual soluble salts, and readiness to paint
- Recognize hazardous areas related to paint and coatings and their applications
- Utilize procedures for doing condition assessment

Course Format
The first four days are devoted to classroom lecture and extensive hands-on training. On the fifth day, the NBPI Course Exams are given.

The exams consist of three parts:
1. Multiple-choice course exam
2. Practical Exam (using inspection instruments)
3. NAVSEA S.I. 009-32 multiple-choice exam

Who Should Attend
The course is primarily designed for people and organizations that are involved in painting work on Navy ships. However, the comprehensive nature of this course makes it an ideal tool for anyone who desires basic certification in paint inspection. The NBPI compares favorably with other inspector certification courses that are available in the coatings industry.
Planning & Specifying Industrial Coatings Projects

Level: Advanced
Duration: 5 Days / 40 Hours (Includes Written Exam and Hands-on Skill Assessment)
Class Time: 8:00 AM - 5:00 PM
Cost: Member $1,020 Non-Member $1,220
— Exam Only Option (1 day): Member $250 Non-Member $450
Credits: 3.9 CEUs
Certification Term: N/A
Prerequisites: No

Course Description
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. After completing this training program, students will be familiar with tools to develop effective coating projects and play a more active role in managing painting projects to successful completion.

Course Content
- Roles and Responsibilities of Contracting Parties
- Specifications for Coatings Projects
- Preparing, Awarding, and Managing Coating Contracts
- Quality Management
- New Construction and Maintenance Painting
- Economic Considerations for Industrial Coating Projects
- Coating Failures - Causes, Identification, and Analysis
- Safety and Environmental Concerns for Owners and Coating Contractors

Benefits of Attending
After attending this course you will be able to:
- Identify the key issues in managing a coatings project, including contracts, specifications, coating selection, and the roles of project participants
- Analyze and prepare a coating specification through the use of corporate engineering standards
- Recognize the cost of corrosion and select materials to mitigate it
- Estimate accurately in project cost analysis
- Define scheduling requirements, exposure environments, and coating systems for new construction
- Conduct facility condition surveys and analyses for maintenance painting
- Apply documentation methods during project administration
- Recognize coating failures
- Identify and comply with relevant environmental regulations

Course Format
Each participant will receive a comprehensive manual that includes a glossary of terms, references for additional reading, copies of relevant handouts, standards and regulations, as well as an overview of the coating fundamentals covered in SSPC’s C1 course. Students can refer to this overview as needed during the C2 course for a refresher. Topics covered in this course assume a knowledge of the fundamentals.

The written exam consists of 100 multiple-choice questions. To receive a certificate and CEUs you must attend all 40 hours of the course and attain at least 70% on the exam.

Who Should Attend
Contractors, engineers, inspectors, consultants, facility owners, technical services, and sales reps.

Note
In order to get the most value from the C2 course, you must have a basic understanding of the topics covered in SSPC C1, Fundamentals of Protective Coatings. C2 fulfills part of your training requirement for the SSPC Protective Coatings Specialist (PCS) Certification and prepares you for the challenging Protective Coatings Specialist Exam. All PCS candidates who do not have 15 years of experience must take and pass the C1 exam and C2 class before sitting for the PCS Exam. There is no approved alternative training accepted.

This course is also available through SSPC-licensed providers. See Page 55 for contact information.
Plural Component Application for Polyurea and High Solids Coatings

**Course Description**
This course is designed to train and certify applicators in the application of protective coatings by airless spray using plural component spray equipment. The program focus is on the application of two component high solids, polyurethanes, and polyurea coatings in a marine/industrial environment on steel or concrete. Note: Students who do not want to receive the Certification can receive a certificate of attendance by attending the lecture portion of the training and observing the sprayer hands-on workshop.

**Course Content**
- Introduction and Overview of Plural Component Spray Technology
- Equipment Operational Systems
- Troubleshooting
- Characteristics of Plural Component Coatings
- Applying Touchup of Single Coat Coatings by Brush and/or Roll

**Benefits of Attending**
After attending this course you will be able to:
- Discuss the advantages of plural component spray technology
- Describe a two component high solid, polyurethane, and polyurea protective coating
- Recognize the importance of when and how coatings are mixed on a plural component spray pump
- Distinguish among the various methods of mixing: manual, at the gun, and after the manifold
- Apply plural component coatings to concrete and steel in a manner that meets the requirements of a given job specification

**Course Format**
The classroom session consists of a 6-8 hour review of the fundamentals of plural component spray technology. The review will cover the fundamentals of the process of spraying two component coatings using airless plural component spray pumps (e.g., material ratio, material viscosity, mixing, ambient conditions for application and curing, product data sheets, material safety data sheets, spray technique); equipment operation; troubleshooting basics and lessons learned; coating materials appropriate for plural component spray; quality control basics.

The hands-on assessment requires each student to operate two different types of plural component pumps and explain their operations. Candidates must wear appropriate personal protective equipment (PPE) during the hands-on workshop and must be able to answer questions about troubleshooting in cases where things go wrong with the spray pump operation. In order to pass you must score 90% or better.

There will be a written multiple-choice exam (25 questions). If a candidate fails, he or she must retake the exam. A total of 70 points is required to pass the written exam. Candidates wishing to achieve the Certification must attend all 24 hours of the program and pass the written exam with a score of 70% and the hands-on exam with a score of 90%.

**Who Should Attend**
Contractors, project supervisors, and craftworkers involved in applying plural component technology.
Course Description
This course offers a fundamental introduction to those project management concepts used on industrial painting projects. Those new to or interested in industrial painting project management can learn more about:
• Generating new business
• Reviewing contracts
• Navigating employee relations
• Building safety into the job

Economics and other issues that may have legal and financial implications for the project are also covered and “hands-on” exercises in the complex challenges of bid formats, project coordination on the job site and risk planning are featured. Project Management for the Industrial Painting Contractor is not a source of legal or financial advice and it doesn’t advocate a set format for running a business, but it does provide the basic skills required to run jobs more smoothly and profitably in the future.

Course Content

Introduction to Project Management
• What is Project Management?
• Definition of a Project
• Role of the Project Manager in Industrial Painting

Initiating a Project
• Project Life cycle
• Where do Projects Come From?
• Bidding Pitfalls

Project Planning
• Schedule
• Contract Checklist
• Resources
• Communications
• Risk Mitigation
• Quality
• Customer Acceptance

Project Execution
• Establishing the Project Team
• Communicating Project Parameters
• Employee Relations
• Cost Tracking
• Risk Management
• Project Acceptance and Close-out

Benefits of Attending
• Explain the properties of a project
• Differentiate between a project and a process
• Define the project life cycle
• Define the concept of project management
• Recognize the project manager’s role in the industrial painting industry
• Recognize various sources of business

• Discuss the value of customer service
• Recognize important elements of bid documents
• Define different bid/contract formats
• Apply historical cost and resource considerations to the bidding process
• Identify the interaction among scope, time, and cost
• Develop a project plan

• Develop a basic project schedule
• Identify & assess risks
• Determine the impact of working safely
• Assemble an effective project team
• Communicate project parameters effectively
• Manage project employee relations
• Assess and manage project risks
• Effectively close out a project

Course Format
Students and instructor discuss all aspects of successful project management from identifying potential jobs and navigating the bidding process through planning, execution, acceptance, and close-out. This is supplemented by workshops that sample key issues project managers face every day. The afternoon of Day 2 is devoted to a multi-part exam in which participants demonstrate what they’ve learned in the classroom by resolving a real-world project management scenario. To receive a certificate and CEUs you must attend all 16 hours of the course and attain at least 70% on the exam.

Who Should Attend
Industrial and commercial painting contractor project managers, estimators, and contractor supervisory level personnel with prior exposure to contract management and project planning.

Note
Evaluating Common Coating Contract Causes (CONTRACT) (page 18) and Quality Control Supervisor (QCS) (page 39) are strongly recommended as a prerequisite for anyone taking this course.
Protective Coatings Inspector Levels 1 & 2

**Level:** Advanced

**Duration:** Dependent on Level (See Table)

**Class Time:** First Five Days: 7:30 AM - 6:00 PM; Sixth Day: 7:30 AM - 2:00 PM

**Cost:** Dependent on Level (See Table)

**Credits:** 4.5 CEUs

**Certification Term:** 4 Years

**Prerequisites:** Dependent on Level (See Table) - Prerequisites can be found at www.sspc.org/training under this course description.

**Course Description**

The objective of this course 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.

There are no prerequisites to attend the PCI Level 1 Course. However, this course is not an entry level course. Candidates should be prepared for an intense and fast-paced week of training with evening homework and study in order to cover an extensive amount of information in five days. PCI meets the requirements of ASTM D 3276 and the IMO Performance Standard for Protective Coatings and IACS Common Structural Rules (CSR).

**Course Content**

- Corrosion Prevention Using Coatings
- Quality Assurance/Control
- Surface Preparation & Inspection
- Practical Math
- Coating Application & Inspection
- Industrial Coatings & Coating Systems
- Specialty Inspection Projects
- Coating Failures & Methods of Prevention
- Inspector Safety
- Coating Specifications
- Simulated Pre-job Conference
- Inspection Procedure Development
- Simulated Project Inspection
- IMO Inspector Training Requirements
- Risk Management
- Project Acceptance and Close-out
- Describe methods used to evaluate coating performance prior to fullscale installation
- Describe the unique aspects of performing coatings inspection on an overcoating project and on projects employing thermal spray coatings, powder coatings and duplex coating systems
- Describe how coatings inspection can help prevent premature coating failure
- List potential safety hazards associated with coatings inspection
- Prepare an inspection plan/procedure
- Perform coatings inspection on industrial projects
- Compare inspection results to specification requirements

**Benefits of Attending**

After attending this course you will be able to:

- Recognize the common duties, responsibilities and the role of an industrial coatings inspector
- Recognize the role of the coating manufacturer on a coatings project
- Describe the authority of a coatings inspector
- Explain the importance of thorough documentation
- Identify the differences between quality assurance and quality control and the common duties of quality assurance and quality control personnel
- Describe the purpose and content of a pre-job or preconstruction conference
- Explain the importance of ethics of inspection personnel

**Course Format**

**PCI Level 1:** The course provides participants five days of intensive training and includes multiple workshops and problem solving exercises so that participants may immediately apply the learning in a classroom setting without the pressures of production and project schedules. In order to enhance the learning environment and illustrate the importance of teamwork, the workshops and exercises will be done in small teams. The PCI Level 1 course is completed with a comprehensive written examination and a practical (instrument use) examination.

**PCI Level 2:** Students passing both components of the basic course exam at 70% or higher and meeting the prerequisites for PCI Level 2 certification can take the written and hands-on certification exams on Day 6. A passing grade of 80% or higher on the written and hands-on certification exam is required to become an SSPC Certified Level 2 Coating Inspector.

**Who Should Attend**

Coatings project managers, quality managers, inspectors, contractor supervisory level personnel, coating specification writers or coatings or equipment suppliers, coating consultants, or technical service representatives involved in the steel protective coatings industry.

This course is also available through SSPC-licensed providers. See Page 55 for contact information.
PCI L3
Protective Coatings Inspector Level 3

Level: Advanced
Duration: Half Day / 4 Hours (Certification Exam Only)
Class Time: 8:00 AM - 12:00 PM
Cost: Member $500 Non-Member $700
Credits: N/A
Certification Term: 4 Years
Prerequisites: Yes - Prerequisites can be found at www.sspc.org/training under this course description.

Exam Description
The Protective Coatings Inspector Level 3 Certification Program identifies and awards recognition to individuals who have in-depth knowledge in the principles and practices of inspection of industrial coatings. The PCI Level 3 Certification attests to the professional credibility of the coatings inspector and raises the standard of inspection in the protective coatings industry.

PCI Level 3 Certification demonstrates mastery in:
- Recognizing the common duties, responsibilities, and the role of an industrial coatings inspector
- Recognizing the role of the coating manufacturer on a coatings project
- Describing the authority of a coatings inspector
- Explaining the importance of thorough documentation
- Identifying the differences between quality assurance and quality control and the common duties of quality assurance and quality control personnel
- Describing the purpose and content of a pre-job or preconstruction conference
- Explaining the importance of ethics of inspection personnel
- Describing methods used to evaluate coating performance prior to full-scale installation
- Describing the unique aspects of performing coatings inspection on an overcoating project and on projects employing thermal spray coatings, powder coatings and duplex coating systems
- Describing how coatings inspection can help prevent premature coating failure
- Listing potential safety hazards associated with coatings inspection
- Preparing an inspection plan/procedure
- Performing coatings inspection on industrial projects
- Comparing inspection results to specification requirements

Exam Format
Students passing the PCI Level 2 Exams at 80% or higher and meeting the prerequisites for PCI Level 3 Certification can take the PCI Level 3 certification exams on Day 7. A passing grade of 80% or higher on the written PCI Level 3 certification exam is required to become an SSPC PCI Level 3 Certified Coating Inspector.

The PCI Exam Consists of:
- Part 1: Each candidate selects two scenario questions to answer. The scenario questions are all essay questions. Each Essay is worth 30 points.
- Part 2: The second part of the exam consists of 10 questions on coating theory requiring short written answers. Each of these questions is worth 1 point.
- Part 3: The third part of the exam consists of 10 questions on industry related standard questions requiring short written answers. Each of these questions is worth 1 point.
- Part 4: The fourth part of the exam consists of creating an inspection plan based on a coating specification. This part is worth 20 points.

Prerequisites for PCI Level 3 Certified Inspector
Must have PCI Level 2 with a total of 3 years of Coating Inspection Experience and eighty hours of formal training or must have PCI Level 2 with a total of 5 years Coating Inspection Experience with no additional formal training required. Prerequisites can be found at www.sspc.org/PCILevel-3.

International Recognition
PCI Level 2 meets ASTM International standard D3276 “Standard Guide for Painting Inspectors” and has been approved by Lloyd’s Register, RINA, American Bureau of Shipping (ABS) and Bureau Veritas as equivalent to NACE Coating Inspector Level 2 and FROSIO Inspector Level III.

This course is also available through SSPC-licensed providers. See Page 55 for contact information.
Protective Coatings Inspector Program Online

**Level:** Advanced  
**Duration:** 20 Week Semester (Includes Written Exam)  
**Class Time:** N/A  
**Cost:** Member $995 Non-Member $1,195  
**Credits:** N/A  
**Certification Term:** N/A  
**Prerequisites:** No

**Course Description**  
The objective of this course is to thoroughly train individuals in the proper methods of inspection for surface preparation and installation of industrial and marine protective coatings and lining systems on an array of industrial structures and facilities. There are no prerequisites to take the PCI Online Course. However, this course is not an entry-level course. PCI meets the requirements of ASTM D3276, Standard Guide for Painting Inspectors (Metal Substrates).

**Course Content**
- Protective Coatings Application  
- Abrasive Blast Cleaning  
- Spray Painting  
- Inspection and Engineering

**Benefits of Attending**
After attending this course you will be able to:
- Recognize the common duties, responsibilities, and the role of an industrial coatings inspector  
- Recognize the role of the coating manufacturer on a coatings project  
- Describe the authority of a coatings inspector  
- Explain the importance of thorough documentation  
- Identify the differences between quality assurance and quality control and the common duties of quality assurance and quality control personnel  
- Describe the purpose and content of a pre-job or pre-construction conference  
- Explain the importance of ethics of inspection personnel

**Course Format**
To pass the PCI Online Training, candidates must get a 70% or higher on exam.

**Who Should Attend**
Coatings project managers, quality managers, inspectors, contractor supervisory level personnel, coating specification writers or coatings or equipment suppliers, coating consultants, or technical service representatives involved in the steel protective coatings industry.

**Why Take The PCI Online Training?**
This program is a great way to prepare candidates for the PCI Level 1, PCI Level 2 and PCI Level 3 Certification Exams. Once you complete the PCI Online Training you can also attend the SSPC PCI Instrument Workshop. See above chart on how to progress through the PCI Program.

**What do you get?**
- 24-7 access to some of the best coatings training materials in the world  
- Over 190 training units with nearly 3,000 instructional slides  
- Slides containing videos, animations, diagrams, photographs and voice-over  
- Units with printable documentation and training notes, video guides, tools, calculations, and conversions

**What is the Next Step After Completing the PCI Online Training?**
Students passing the PCI Online Training exam at 70% or higher can take the PCI Level 1 written and hands-on certification exams. Candidates that complete the PCI Online Training do not have to sit through the PCI Level 1 Lecture, they can go right to the PCI Level 1 Exams.

**Note**
Candidates can now take a one day in person PCI Instrument Workshop on how to use coating inspection instruments. This is a good option for candidates who want to brush up their skills before taking the PCI Level 1 Hands-On Instrument Exam. See Page 37 for details.
Protective Coatings Inspector 1-Day Workshop

Level: Advanced
Duration: 1 Day / 8 Hours (Includes Written Exam)
Class Time: 8:00 AM - 5:00 PM
Cost: Member $395 Non-Member $595
Credits: 0.7 CEUs
Certification Term: N/A
Prerequisites: No

Course Description
The objective of this course is to thoroughly train individuals in the use of proper methods and equipment for inspecting surface preparation and installation of industrial and marine protective coatings and lining systems on an array of industrial structures and facilities.

Course Content
- Surface Preparation and Inspection
- Coating Application and Inspection
- Inspection Procedure Development
- Simulated Project Inspection

Benefits of Attending
After attending this course you will be able to:
- Recognize the common duties, responsibilities, and the role of an industrial coatings inspector
- Explain the importance of thorough documentation
- Describe how coatings inspection can help prevent premature coating failure
- Prepare an inspection plan/procedure
- Perform coatings inspection on industrial projects
- Describe how coatings inspection can help prevent premature coating failure
- Compare inspection results to specification requirements

Course Format
The course provides participants one day of intensive training and includes multiple workshops and problem solving exercises so that participants may immediately apply the learning in a classroom setting without the pressures of production and project schedules. In order to enhance the learning environment and illustrate the importance of teamwork, the workshops and exercises will be done in small teams.

Who Should Attend
Coating project managers, quality managers, inspectors, contractor supervisory level personnel, coating specification writers, coating and equipment suppliers, coating consultants, or technical service representatives involved in the steel protective coatings industry.

See chart below on how to progress through the PCI Program, via two different options:
Protective Coatings Specialist

Level: Advanced
Duration: Half Day / 4 Hours (Includes Written Exam)
Class Time: 8:00 AM - 12:00 PM
Cost: Member $500 Non-Member $700
Credits: N/A
Certification Term: 4 Years
Prerequisites: Yes - Prerequisites can be found at www.sspc.org/training under this course description.

The Protective Coatings Specialist certification program (PCS) identifies and awards recognition to individuals who have in-depth knowledge in the principles and practices of industrial coatings technology.

About the PCS Certification Program
Certification attests to the professional credibility of the coatings practitioner and raises the standards of the protective coatings profession.

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
- Inspection

Applicants should understand the mechanisms and effects of corrosion for a variety of materials and be knowledgeable of the role coatings play in industrial corrosion control.

The prospective Protective Coatings Specialist should also exhibit competence in management and planning of contracts for new construction and maintenance painting, economic analysis and implementation of environmental and safety regulations and controls.

PCS Program Requirements Include:

<table>
<thead>
<tr>
<th>Work Experience</th>
<th>Education</th>
<th>C1</th>
<th>C2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OPTION A</strong></td>
<td>5 years coatings experience</td>
<td>Bachelor's degree</td>
<td>C1 Exam Only</td>
</tr>
<tr>
<td><strong>OPTION B</strong></td>
<td>7 years coatings experience</td>
<td>Associate's degree</td>
<td>C1 Exam Only</td>
</tr>
<tr>
<td><strong>OPTION C</strong></td>
<td>10 years coatings experience</td>
<td>High school graduation or GED</td>
<td>C1 Exam Only</td>
</tr>
<tr>
<td><strong>OPTION D</strong></td>
<td>15 years coatings experience</td>
<td>n/a</td>
<td>n/a</td>
</tr>
</tbody>
</table>

* Candidates must provide a formal application and three professional references to SSPC
* SSPC recommends that candidates take the C1 and C2 Courses before sitting for the PCS Exam
* Candidates should read entire application for complete prerequisite details

Note
Candidates must complete a comprehensive multiple choice and essay question exam and pass with a 70% or better. The Certification is valid for four years, subject to verification of current status as a protective coatings professional.

The PCS Exam can be taken at the SSPC Headquarters in Pittsburgh, PA at any time. Please contact Silvia Palmieri at palmieri@sspc.org or 877.281.7772, ext. 2201 to make an appointment.

This course is also available through SSPC-licensed providers. See Page 55 for contact information.
Quality Control Supervisor

Level: Intermediate  
Duration: 2 Days / 16 Hours (Includes Written Exam)  
Class Time: 8:00 AM - 5:00 PM  
Cost: Member $595 Non-Member $795  
Credits: 1.5 CEUs  
Certification Term: N/A  
Prerequisites: No

Course Description
This course is designed to provide training in quality management for SSPC-Certified contractor personnel, Technical Quality Managers (TQM), and inspectors employed by SSPC-QP 5 inspection firms. It provides an overview of the quality management aspects of surface preparation, paint, coatings, and inspection operations that a Quality Control Supervisor (QCS) needs to know to ensure delivery of a quality product to customers. It is highly recommended that persons attending the QCS course have recent inspection training (SSPC PCI, NBPI, or BCI) or equivalent formal training and also have some quality control experience.

Course Content
- Introduction  
- Quality Systems  
- QCS Qualifications & Requirements  
- Training & Qualifications  
- Technical Resources  
- Quality Manuals & Procedures  
- Documentation & Data Control  
- Calibration Programs  
- Contract Document & Specification Review  
- Work Plans & Process Control Procedures  
- Inspection Plans  
- Inspection Reports  
- Internal Audits

Benefits of Attending
At the conclusion of this course the student will be able to:
- Explain the duties and responsibilities of quality control supervisors  
- Identify the technical resources a QCS should have on hand  
- Define common quality system terms  
- Describe the contents of a typical quality control manual  
- Discuss the importance of written procedures and the requirements for writing them  
- Recognize the need to control all documents and data related to the company's quality program  
- Apply document review procedures  
- Describe inspection plans and types of inspection  
- Examine and correct system deficiencies that have caused non-conformities  
- Determine how to show conformance to specifications through detailed documentation  
- Establish a program to monitor all equipment requiring calibration  
- Identify the general training requirements for contractor QC personnel in the field or on the shop floor

Course Format
- Lecture & Discussion  
- Reading Assignments  
- Hands-on Workshops

The written exam consists of 25 multiple-choice questions. To receive a certificate and CEUs you must attend all 16 hours of the course and attain at least 70% on the exam.

Exercise and Workshop Topics
- Group Q & A based on reading assignments  
- Interpreting project specification and product data sheet information  
- Developing a work plan  
- Developing an inspection plan  
- Reviewing inspection reports

Who Should Attend
SSPC-Certified contractor personnel, Technical Quality Managers (TQM), and inspectors employed by SSPC-QP 5 inspection firms. It is also applicable to project managers, coating specifiers, contracting officers, plant and facility managers, coating inspectors and technical service representatives in the industrial and marine coatings industry. This course is not intended to replace the more formal quality management courses available from such organizations as the American Society for Quality (ASQ).
Selection of Coatings

Level: Basic  
Duration: 1 Day / 8 Hours (Includes Written Exam)  
Class Time: 8:00 AM - 5:00 PM  
Cost: Member $395 Non-Member $595  
Credits: 0.8 CEUs  
Certification Term: N/A  
Prerequisites: No

Course Description  
This course covers those skills required to specify and select coatings for specific structures and environments. It defines the primary functions of a coating, the types of substrates that are painted, and the demands of the environment.

Course Content  
- Primary Functions of Coatings  
- Types of Substrates Painted  
- Demands of the Environment  
- Selection of Coatings

Benefits of Attending  
After attending this course you will be able to:  
- Define the different substrates that are painted  
- Recognize the demands of the environment on a coating  
- Determine the proper coating to specify for a given structure in a particular environment

Course Format  
The course is a combination of lecture and workshops with a comprehensive student manual including relevant standards. It concludes with a written exam in which students review coating selection charts and provide short answers to the exam questions. To receive a certificate and CEUs you must attend all 8 hours of the course and attain at least 70% on the exam.

Who Should Attend  
Coatings contractors and specifiers. Anyone involved in selecting coatings for industrial work.

Specialty Modules

Specialty Modules

Meet the “Full Body of Knowledge”  
In addition to the expanded core modules, SSPC has added seven modules to help contractors meet the “Full Body of Knowledge” as outlined in SSPC-ACS 1/NACE 13:

<table>
<thead>
<tr>
<th>Module</th>
<th>Duration</th>
<th>Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waterjetting</td>
<td>1 day training, 1 day hands-on</td>
<td>Waterjetting Basics (C13)</td>
</tr>
<tr>
<td>Plural Component</td>
<td>1 day training, 1 day hands-on</td>
<td>Plural Component Basics</td>
</tr>
<tr>
<td>Coating Concrete</td>
<td>1 day training, 1 day hands-on</td>
<td>Floor Coating Basics (C10)</td>
</tr>
<tr>
<td>Thermal Spray</td>
<td>1 day training, 1 day hands-on</td>
<td>Based on custom SSPC Thermal Spray Course</td>
</tr>
<tr>
<td>Pipeline Coatings</td>
<td>1 day training, 1 day hands-on</td>
<td></td>
</tr>
<tr>
<td>Electrostatic Spray</td>
<td>1 day training, 1 day hands-on</td>
<td></td>
</tr>
<tr>
<td>Powder Coatings</td>
<td>1 day training, 1 day hands-on</td>
<td></td>
</tr>
</tbody>
</table>

What You Get  
The SSPC Complete Package provides you with a complete plan on how to successfully provide the training to your workers in your facility. The modules can be purchased on a CD individually or you can purchase all 7 together on one CD. The package includes:  
- Student Manual  
- Written Exam  
- Written Exam Answer Key  
- Instructor Manual  
- Slide Presentation
Spray Application Certification

Level: Intermediate
Duration: 2 Days / 16 Hours (Includes Written Exam and Hands-on Skill Assessment)
Class Time: 8:00 AM - 5:00 PM
Cost: Member $795 Non-Member $995
Credits: 0.08 CEUs
Certification Term: 5 Years
Prerequisites: Yes - Prerequisites can be found at www.sspc.org/training under this course description.

Course Description
This program assesses the skills of sprayers who have a minimum of 800 hours applying protective coatings with airless/conventional spray in an industrial or marine environment. Candidates are certified through a brief certification written exam and a practical hands-on skill assessment. This course is designed to train and certify marine/industrial applicators to operate airless/conventional spray equipment.

Course Content
- Introduction/Overview of Airless/Conventional Spray Equipment Operational Systems
- Proper Mixing Techniques
- Proper Spray Techniques
- Conventional Spray (optional)
- Troubleshooting

Benefits of Attending
After attending this course you will be able to:
- Discuss the advantages of airless/conventional spray technology
- Recognize the importance of when and how coatings are mixed prior to airless/conventional spray
- Apply airless/conventional spray coatings to steel and concrete to meet the requirements of a given job specification

Course Format
Classroom
The classroom session consists of training on the fundamentals of airless/conventional spray technology; spraying protective coatings using airless/conventional spray pumps (e.g., material ratio, material viscosity, mixing, ambient conditions for application and curing, product data sheets, material safety data sheets, spray technique); equipment operation; troubleshooting basics and lessons learned; coating materials appropriate for airless/conventional spray and quality control basics.

Certification Exam and Hands-On Assessment
On Day 2 a written certification exam is given. Once the written exam is completed, a tailgate safety meeting is conducted to review safe gun operating procedures, including troubleshooting and signals, before the hands-on session takes place.

The hands-on assessment requires each candidate to spray coatings on a steel test panel constructed in accordance with ASTM D 4228 and to meet the coating manufacturer’s product data sheet (PDS) requirements. Candidates must wear appropriate personal protective equipment (PPE) during the hands-on session and must be able to answer questions about troubleshooting if things go wrong with the spray pump operation.

Those who successfully complete the C12 certification program will receive a certificate and wallet identification card from SSPC. Candidates wishing to achieve the C12 certification must pass the written exam with a score of 70% and the hands-on exam with a score of 90%.

Note: Students who do not want to receive the C12 Certification can receive a certificate of attendance by attending the lecture portion of the training and observing the sprayer demonstration.

Who Should Attend
Contractors, project supervisors, and craftworkers involved in using airless/conventional spray technology.

The “Provide Your Own Training” Program is available for this course. See Page 53.
This course is also available through SSPC-licensed providers. See Page 54 for contact information.
Surface Preparation and Paint Application for Power Tool Cleaning Operators and Brush and Roll Paint Applicators

Course Description
This course is designed to instruct industrial/marine painters in proper hand and power tool surface preparation methods and brush and roller coating application, in accordance with Good Paint Practice.

Course Content
- Corrosion Basics
- Corrosion Control Process
- Solvent Cleaning
- Hand-Tool Cleaning to SSPC-SP 2
- Power-Tool Cleaning to SSPC-SP 3, 11, and 15
- Assessing Surface Cleanliness According to SSPC-VIS 3
- Coating Basics for Brush and Roll Application
- Brush and Roll Application
- Use of Wet and Dry Film Thickness Gages
- Determining the Extent of Curing
- Safety During Hand and Power Tool Cleaning and Brush and Roll Application

Benefits of Attending
After attending this course you will be able to:
- Explain how paint/coatings are used to control corrosion.
- Recognize the tools and methods described in the SSPC standards and Good Painting Practice (Vol 1) for hand- and power-tool cleaning.
- Demonstrate proper brush and roll application.
- Demonstrate proper use of the wet film thickness gage to measure film thickness after brush and roll application.
- Describe those tests used to determine cure.
- Recognize safety hazards commonly associated with hand and power tool cleaning and brush and roll application.

Course Format
- Slide Presentation/Lecture
- Workshops/Quizzes
- Final “hands-on” exam in hand and power tool surface preparation and brush and roll application
- 25-question multiple-choice, closed-book written exam

Each participant will receive a comprehensive manual. To receive a certificate and CEUs, you must attend all 16 hours of the course and pass the written exam with 70% and the hands-on exam with a score of 90%.

Who Should Attend
Personnel who must learn the proper hand and power tool surface preparation methods and brush and roller coating application methods for coating application on steel and metal structures and their components.
Surface Preparation and Paint Application for Shipboard

Level: Basic  
Duration: 2 Days / 16 Hours (Includes Written Exam and Hands-on Skill Assessment)  
Class Time: 8:00 AM - 5:00 PM  
Cost: Member $695 Non-Member $895  
Credits: 0.7 CEUs  
Certification Term: N/A  
Prerequisites: No

Course Description  
This course is designed to instruct ships’ force personnel in proper hand and power tool surface preparation methods and brush and roller coating application, according to those instructions found in NSTM Chapter 631 (2008).

Course Content  
- Corrosion Basics  
- Corrosion Control Process  
- Solvent Cleaning  
- Applicable NSTM Chapter 631 Requirements  
- Hand-Tool Cleaning to SSPC-SP 2  
- Power-Tool Cleaning to SSPC-SP 3, 11, and 15  
- Assessing Surface Cleanliness According to SSPC-VIS 3  
- Coating Basics for Brush and Roll Application  
- Brush and Roll Application  
- Use of Wet and Dry Film Thickness Gages  
- Determining the Extent of Curing  
- Safety During Hand and Power Tool Cleaning and Brush and Roll Application

Benefits of Attending  
After attending this course you will be able to:  
- Explain how paint/coatings are used to control corrosion  
- Recognize that NSTM 631 contains the instructions, requirements, and information for prevention of corrosion and deterioration of ships  
- Recognize the tools and methods described in the SSPC standards for hand- and power-tool cleaning  
- Recognize the demands of the environment on a coating  
- Demonstrate proper brush and roll application  
- Demonstrate proper use of the wet film thickness gage to measure film thickness after brush and roll application  
- Describe those tests used to determine cure  
- Recognize the hazards commonly associated with hand and power tool cleaning and brush and roll application

Course Format  
- Slide Presentation/Lecture  
- Workshops/Quizzes  
- Final “hands-on” exam in hand and power tool surface preparation and brush and roll application  
- 25-question multiple-choice, closed-book written exam

Each participant will receive a comprehensive manual. To receive a certificate and CEUs, you must attend all 16 hours of the course and pass the written exam with 70% and the hands-on exam with a score of 90%.

Who Should Attend  
Personnel who want to learn the proper hand and power tool surface preparation methods and brush and roller coating application methods for ships.
Thermal Spray Training

**Level:** Basic  
**Duration:** 1 Day / 8 Hours (Includes Written Exam)  
**Class Time:** 8:00 AM - 5:00 PM  
**Cost:** Member $395 Non-Member $595  
**Credits:** 0.8 CEUs  
**Certification Term:** N/A  
**Prerequisites:** No

**Level:** Intermediate  
**Duration:** 2 Days / 16 Hours (Includes Written Exam & Hands-On Skill Assessment)  
**Class Time:** 8:00 AM - 5:00 PM  
**Cost:** Not offered publicly. Contact Jennifer Merck at merck@sspc.org for an onsite proposal.  
**Credits:** 0.8 CEUs  
**Certification Term:** 5 Years  
**Prerequisites:** Yes

**Course Description**
This course is designed to train and certify applicators in the application of thermal spray coatings to industrial substrates. Note: Students who do not want to receive the Certification can just attend the one-day lecture and classroom workshops and receive a certificate of training.

**Course Content**
- Introduction to Thermal Spray Technology
- Thermal Spray Application Equipment
- Thermal Spray Coatings and their Uses
- Application Technique
- Industry Standards for Thermal Spray Process
- Surface Preparation
- Quality Control
- Safety and Environmental Considerations

**Benefits of Attending**
After attending this course you will be able to:
- Define thermal spray coating (TSC) and provide an overview of its application and uses.
- Discuss 3 types of arc spray equipment, their components, and safety considerations during their operation.
- Describe surface preparation, specifications, and inspection requirements just before applying a thermal spray coating.
- Describe the procedures used to apply and inspect thermal spray coatings (TSC) to steel.

**Course Format - Overview of Fundamentals (Classroom Session)**
The classroom session consists of an 8 hour lecture and is supplemented by exercises in which students inspect blasted surfaces for degree of cleanliness of the panels; determine the profile; perform bend tests and inspect the bend; determine the DFT; and perform the cut test and assess the cut.

**Written Exam**
The written exam consists of 25 multiple-choice questions. To receive a certificate and CEUs, you must attend all 8 hours of the course and attain a 70% or better score on the written exam.

**Hands-On Assessment**
On day two of the program, candidates wishing to become certified will take a hands-on assessment. The hands-on assessment requires each candidate to spray coatings on a steel test panel constructed in accordance with ASTM D 4228 and to meet the coating manufacturer’s product data sheet (PDS) requirements. The hands-on assessment includes; performing thermal spray coating and a bend test/bond test/shape test of the specimens that the attendee has coated.

Candidates must wear appropriate personal protective equipment (PPE) during the hands-on assessment and must be able to answer questions about troubleshooting if things go wrong with the spray pump operation.

Those who successfully complete the certification program will receive a certificate and wallet identification card from SSPC. Candidates wishing to achieve the certification must pass the written exam with a score of 70% and the hands-on assessment with a score of 90%.

**Who Should Attend**
- Contractors  
- Project supervisors  
- Craftworkers involved in applying thermal spray technology

~-Coming Soon~
There will be a module added to the thermal spray program on inspecting thermal spray application on industrial structures. The added module will include discussions on inspection standards and best practices for inspecting thermal spray applications.
Trainthepainter

Level: Basic to Intermediate
Duration: See flow chart on page 47
Class Time: 8:00 AM - 5:00 PM
Credits: N/A
Certification Term: 3 Years
Prerequisites: Yes – Prerequisites can be found at: http://sspctrainthepainter.org/.

Course Description
SSPC Trainthepainter (TTP) is an internationally recognized training program. Developed by industry experts, TTP coatings applicator course has been created in response to strong demand within the industrial coatings industry. The TTP program is approved and endorsed by SSPC and Lloyd's Register. SSPC is the leading source of information on surface preparation, coating selection, coating application, environmental regulations and health and safety issues that affect the protective coatings industry. The TTP program is a tool to train contractors and craft-workers who perform surface preparation and coating application. It includes both theoretical (classroom) and practical (hands-on) modules.

Course Content
Protective Coatings Application Module
- Health and Safety
- Access, Plant and Equipment
- Surface Preparation
- Coating Types
- Coating Application
- Quality Control

Abrasive Blast Cleaning Module
- Health and Safety
- Blast Media
- Standards and Quality Control
- Operational Procedures
- Process Control

Spray Painting Module
- Health and Safety
- Paint Materials
- Airless Spray Equipment
- Conventional Air Spray
- Plural Component Spray

Benefits of Attending
After attending this course you will be able to:
• Identify the causes and mechanisms of corrosion and common methods of corrosion control
• Describe and demonstrate the surface preparation methods used to prepare steel and concrete for application of protective coatings
• Recognize the importance of removing surface defects and contaminants and the proper use of surface preparation standards and visual reference guides
• Describe and demonstrate coating application methods for steel and concrete
• Define quality and quality system terms, identify organizations that issue quality standards, and describe why documents and data must be controlled during an industrial painting job
• Review the importance of equipment verification and calibration and describe what the inspector does
• Discuss the causes of common coating failures and recognize how coating failures are investigated
• Identify hazards that are commonly encountered by coating applicators and the equipment, methods, and procedures available to reduce these hazards to an acceptable level

Course Format
The comprehensive training program comprises over 150 units for the instructor supported by video, animation and printable handouts. Theoretical and practical assessment guidelines are all available, for the approved trainer, to download to their PC or MAC. The Trainthepainter website is the trainers ihub which is continuously updated and improved. The training course can be downloaded via an app and used off-line.

How to Apply
There are two ways to apply to the TTP Program.

#1 REGISTERED COMPANY*
For an annual fee based on company revenue (gross sales), registered companies can TRAIN internally to their own personnel, providing the internal trainers are suitably experienced and qualified.

#2 AFFILIATE COMPANY*
For an annual fee based on company revenue (gross sales), affiliates companies can TRAIN & CERTIFY external people, providing the internal trainers are suitably experienced and qualified.

*The internal trainer must successfully complete the Train the Trainer course. If your approved trainer leaves your company, you must submit a new application for your perspective trainer. The perspective trainer must take the Train the trainer 2 day course prior to teaching. Registration and certificate fees are applicable to each student participating in the Trainthepainter program.
Who Should Attend
The Train the Painter program is an internationally recognized coatings applicator course used to train and qualify:
- Protective coatings applicators (hand/power tool and brush/roll)
- Abrasive blast cleaning operatives
- Spray painters

How to Register
Contact: Jennifer Merck, SSPC’s Training and Technical Program Manager
Phone: (877) 281-7772 ext. 2221
Email: merck@sspc.org

Industry Segments Served
The industries served by the TTP program include but are not limited to:
- Bridge
- Marine
- Military
- Water / Waste Water
- Oil / Gas
- Power
- Rail
- Nuclear

Independently Audited
The Train the Painter program has also been independently assessed against the contents of the SSPC / NACE Standard Practice for Industrial Coatings and Lining Application Specialist Qualification Certification (SSPC-ACS-1/NACE No13). The training is delivered by coating specialists who are experienced and have successfully completed the Train The Trainer course.
Using SSPC-PA 2 Effectively

Course Description
This half-day workshop 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 in a given area conforms to the maximum and minimum levels specified.

Course Content
- Introduction to the Standard and Key Definitions
- Gage Types and Principles for Use
- Calibration and Verification of Accuracy
- Measurement

Benefits of Attending
After attending this course you will be better able to:
- Operate PA 2 gages
- Verify gage accuracy
- Calculate sampling rates for DFT measurement to determine if a project is in conformance

Course Format
Each participant will receive a comprehensive manual that includes references for additional reading, copies of relevant handouts, standards, and regulations.

The written exam is a one-hour exam that consists of 25 multiple-choice questions. To receive a certificate and CEUs, you must attend all 6 hours of the course and attain at least 70% on the exam.

The class includes a lecture overview of the essential elements of working with the SSPC-PA 2 standard, combined with workshops on verifying gage accuracy and operating PA 2 gages and judging project conformance with the PA 2 standard.

Who Should Attend
Those who inspect coating and lining applications on industrial steel structures.
Waterjetting Program

Level: Intermediate
Duration: 2 Days / 16 Hours (Includes Written Exam and Hands-on Skill Assessment)
Class Time: 8:00 AM - 5:00 PM
Cost: Member $795 Non-Member $995
Credits: 0.6 CEUs
Certification Term: 5 Years
Prerequisites: Yes - Prerequisites can be found at www.sspc.org/training under this course description.

Course Description
This program assesses the skills of waterjetters who have a minimum of 120 hours waterjetting work experience and prior documented employer-provided training on the waterjetting equipment they use on the job. Candidates are certified through a brief written exam and a practical hands-on skill assessment. This is not a training program for beginners. It is a certification program for waterjetters meeting specific experience requirements.

Course Content
• Surface Preparation Overview
• Basic Safety Awareness Overview
• Equipment and Productivity
• Review of Waterjet Cleaning to SSPC/NACE wWaterjet Standard levels and Use of SSPC-VIS 4/NACE VIS 7
• Review of wet abrasive blasting if needed

Benefits of Attending
After attending this course you will be able to:
• Describe the purpose of surface preparation and what it includes
• List the PPE required for waterjetting
• Discuss how tailgate meetings improve job safety
• Identify the components of the waterjetting system
• Use SSPC-VIS 4/NACE VIS 7, determine the initial condition of a surface and assess the level of cleanliness
• Use SSPC/NACE Waterjet Standard levels, demonstrate ability to achieve the level of waterjet cleanliness required for a given job

Course Format
Each candidate will receive a comprehensive manual that includes copies of relevant standards. The one day classroom portion begins with an overview of all surface preparation methods and basic safety followed by an intensive discussion of equipment and productivity and guidelines for using SSPC-VIS 4 to achieve the SSPC/WJ cleaning levels. Day two begins with a brief review of the first day’s classroom lecture before the written exam. Once the written exam is completed, a tailgate safety meeting is conducted to review safe gun operating procedures, including troubleshooting and signals, before the hands-on session takes place.

During the hands-on skill assessment, the instructor will observe each candidate waterjetting and grade them on achieving WJ-2 Very Thorough or Substantially Clean Surface with the proper cleaning techniques. Candidates will also be graded on wearing proper PPE and their ability to identify the major components of the waterjetting equipment used.

The written multiple-choice exam is worth a maximum of 100 points. The hands-on evaluation is also worth a maximum of 100 points.

Candidates wishing to achieve the waterjetting certification and CEUs must attend all 16 hours of the certification and pass the written exam with a score of 70% and the hands-on exam with a score of 90%.

Who Should Attend
Waterjetters with a minimum of 120 hours waterjetting work experience; waterjetting shift supervisors and project managers.

The “Provide Your Own Training” Program is available for this course. See Page 53.
## Surface Preparation & Coatings Application

- Abrasive Blasting Program (C7)
- Aerospace Coating Application Specialist Certification Program (ACAS)
- Applicator Training Basics (eCourse)
- Basics of Concrete Surface Preparation (eCourse)
- Basics of Nonferrous Surface Preparation (eCourse)
- Basics of Steel Surface Preparation (eCourse)
- Coast Guard Basic Paint Inspector Course (COAST GUARD)
- Coating Application Specialist Certification (CAS)
- Coating Application Specialist – Refresher (CAS REF)
- Floor Coating Basics (C10)
- Marine Plural Component Program (MPCAC, C14)
- Plural Component Application for Polyurea and Other High Solid Coatings (PLURAL)
- Specialty Module CD Series (SPECIALTY MODULE)
- Spray Application Certification (C12)
- Thermal Spray (Thermal)
- Trainthepainter (TTP)
- Surface Preparation and Paint Application for Power Tool Cleaning Operators and Brush and Roll Paint Applicators (C6)
- Surface Preparation and Paint Application for Shipboard Organizational Level Corrosion Control (SHIPBOARD)
- Waterjetting Program (C13)

## Inspection

- Bridge Coatings Inspector Program (BCI)
- Bridge Maintenance: Conducting Coating Assessments (BRIDGE)
- Coast Guard Basic Paint Inspector Course (COAST GUARD)
- Concrete Coating Basics (CCB)
- Concrete Coating Inspector Program (CCI)
- CCI Supplement: Determining the Level of Moisture in Concrete (CCI SUPP)
- Inspecting Containment (CONTAIN)
- Inspection Planning and Documentation (INSPEC PLAN)
- Master Coatings Inspector Certificate (MCI)
- NAVSEA Basic Paint Inspector (NBPI)
- Navigating NAVSEA Standard Item 009-32 (009-32)
- Protective Coatings Inspector Program (PCI)
- Protective Coatings Inspector Program (PCI) Online
- Protective Coatings Inspector 1-Day Workshop (PCI WS)
- Using SSPC-PA 2 Effectively (PA 2)

## Marine/Navy

- Abrasive Blasting Program (C7) (009-32 Requirement)
- Coast Guard Basic Paint Inspector Course (COAST GUARD)
- Marine Coatings (MARINE) in person or as an eCourse
- Marine Plural Component Program (MPCAC, C14) (009-32 Requirement)
- Navigating NAVSEA Standard Item 009-32 (009-32)
- NAVSEA Basic Paint Inspector (NBPI) (009-32 Requirement)
- Protective Coatings Inspector Program (PCI) (009-32 Requirement)
- Spray Application Certification (C12) (009-32 Requirement)
- Surface Preparation and Paint Application for Shipboard Organizational Level Corrosion Control (SHIPBOARD)
- Using SSPC-PA 2 Effectively (PA 2)
- Waterjetting Program (C13) (009-32 Requirement)

## Coating Concrete

- Basics of Concrete Surface Preparation (eCourse)
- Concrete Coating Basics (CCB)
- Concrete Coating Inspector Program (CCI)
- CCI Supplement: Determining the Level of Moisture in Concrete (CCI SUPP)
- Floor Coating Basics (C10)

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

- Basics of Estimating Industrial Coatings Projects (EST)
- Developing an Effective Coating Specification (DEV CTG SPEC)
- Evaluating Common Coating Contract Clauses (CONTRACT)
- Fundamentals of Protective Coatings (C1) (eCourse)
- Inspecting Containment
- Lead/Hazardous Coatings Removal (C3)
- Lead/Hazardous Coatings Removal Refresher (C5)
- Lead Paint Worker Safety (WORKER)
- Marine Coatings (MARINE) in person or as an eCourse
- Natural and Accelerated Weathering of Coatings (WEATHER)
- Planning and Specifying Industrial Projects (C2) in person or as an eCourse
- Project Management for the Industrial Painting Contractor (PRO MGMT)
- Protective Coatings Specialist (PCS)
- Quality Control Supervisor (QCS) (eCourse)
- Selection of Coatings

## Online Training/E-Learning

- Applicator Training Basics (ATB) (eCourse)
- Basics of Concrete Surface Preparation (eCourse)
- Basics of Nonferrous Surface Preparation (eCourse)
- Basics of Steel Surface Preparation (eCourse)
- Fundamentals of Protective Coatings (C1) (eCourse)
- Marine Coatings (eCourse)
- Planning and Specifying Industrial Coatings Projects (C2) (eCourse)
- Protective Coatings Inspector (PCI) Online
- Quality Control Supervisor (QCS) (eCourse)
- Webinars

## Department of Defense/DoD Training

FREE SSPC Training/Certification Courses are available for DoD, Army, Navy, Airforce, Marines, Coast Guard, and NASA personnel. For further information or to register for a course, please contact Jennifer Merck at 877.281.7772, ext. 2221 or merck@sspc.org.

Most SSPC classes are approved for DoD Funding. For a complete list of approved classes, please visit www.sspc.org/DoD_Training/.
General eCourse Information

How are eCourses taught?

eCourses feature the same units that are used for in-person classes. Each unit has been converted into a series of web pages that students can access whenever it is convenient to them. After completing each quiz students receive instant feedback to aid in the learning process. Workshops are designed to encourage interactivity among students and the instructor. You must have a copy of Adobe Acrobat Reader on your computer to view and print pdfs. To get a free copy, visit www.adobe.com.

How Often are the eCourses Offered?

eCourses start on the 15th of each month throughout the year. Each semester is 20 weeks (5 months). Students can work at their own pace over the 20-week period to complete the units, workshops and quizzes. The final exam is also completed online.

eCourse Format

Each eCourse concludes with an online written exam that consists of multiple-choice questions. To receive a certificate and CEUs, you must attain at least 70% on the exam.

Note

To use your flexible benefits points to take the online course for free, call Silvia Palmieri at 877.281.7772, ext. 2201 or palmieri@sspc.org to confirm that you have points available.

Basics of Nonferrous Surface Preparation eCourse

Duration: 20-Week Semester (Includes Course and Exam)
Estimated Completion Time: 6 hours
Cost: Member $195 • Non-Member $295 • Flex Points 3

Course Description

This training describes those surface preparation techniques recommended for aluminum (Al) and stainless steel alloys and corrosion-resistant steel (CRES) through a brief review of the steps and processes involved.

Basics of Steel Surface Preparation eCourse

Duration: 20-Week Semester (Includes Course Exam)
Estimated Completion Time: 8 hours
Cost: Member $195 • Non-Member $295 • Flex Points 3

Course Description

This course defines surface preparation for steel through a brief review of the steps involved. It then provides an overview of abrasive blast cleaning, hand-and-power-tool cleaning, waterjetting, and the associated standards referenced when these methods are used to prepare steel for the application of protective coatings.

Basics of Concrete Surface Preparation eCourse

Duration: 20-Week Semester (Includes Course Exam)
Estimated Completion Time: 8 hours
Cost: Member $195 • Non-Member $295 • Flex Points 3

Course Description

This course defines surface preparation for concrete through a brief review of the steps involved. It then provides an overview of the methods and the standards referenced when preparing concrete for installation of the coating/surfacing.
Fundamentals of Protective Coatings (C1)

Duration: 20-Week Semester (Includes Course and Exam)
Costs: Member $845 • Non-Member $1,045 • Flex Points 15

Course Description
This course 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.

Planning & Specifying Industrial Coatings Projects (C2)

Duration: 20-Week Semester (Includes Course and Exam)
Costs: Member $845 • Non-Member $1,045 • Flex Points 15

Course Description
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. After completing this training program students will be familiar with tools to develop effective coating projects and play a more active role in managing painting projects to successful completion.

Marine Coatings (MARINE)

Duration: 20-Week Semester (Includes Course and Exam)
Costs: Member $845 • Non-Member $1,045 • Flex Points 15

Course Description
The Marine Coatings eCourse is a fundamental training program that covers the practical aspects of the selection, specification and use of coatings in a safe, effective, and economical manner to protect structures in harsh marine environments.

Applicator Training Basics (ATB)

Duration: 20-Week Semester (Includes Course and Exam)
Costs: Member $420 • Non-Member $620 • Flex Points 6

Course Description
The Applicator Training Basics e-course covers the “Core Body of Knowledge” of ACS-1/NACE 13 requirements for surface preparation and application as well as safety in painting. Taking this course counts toward the required formal training needed to qualify for CAS Certification. However, e-learning does not include any required hands-on training and additional formal training (classroom and hands-on) may be needed to satisfy all of the certification requirements.

Quality Control Supervisor (QCS)

Duration: 20-Week Semester (Includes Course and Exam)
Costs: Member $420 • Non-Member $620 • Flex Points 6

Course Description
This course is designed to provide training in quality management for SSPC-Certified contractor personnel, Technical Quality Managers (TQM), and inspectors employed by SSPC-QP 5 inspection firms. It provides an overview of the quality management aspects of surface preparation, paint, coatings, and inspection operations that a Quality Control Supervisor (QCS) needs to know to ensure delivery of a quality product to customers.
Webinars

SSPC/JPCL Webinars
Presented by SSPC and PaintSquare

Description
The Webinar Series presented by SSPC and JPCL is FREE to everyone. Want to advance in your career, but you’re too busy and don’t have the time to devote to a week-long class? Then take a webinar. The webinars are designed to keep you abreast of the latest industry trends, developments, and technology - all from the comfort of your home or office.

Information
www.paintsquare.com/education/index.cfm

Registration
Register at www.paintsquare.com/sspc

Webinar Exam
Participation in the webinar is free, but for those who wish to receive continuing education credits from SSPC, a test is available after the webinar. The test service is Free for members and $25 for non-members. Go to www.sspc.org/market-place/training/webinar-exams/ to register for the webinar exam. For further information please contact Silvia Palmieri at palmieri@sspc.org or 877.281.7772, ext. 2201.

Frequently Asked Questions About SSPC Training

What kind of training courses does SSPC offer?
SSPC offers courses designed to benefit coatings professionals, whether they are contractors involved in surface preparation and paint application, or engineers, inspectors, consultants, facility owners and salespeople involved in other aspects of the business. SSPC courses are designed to provide students with a well-rounded understanding of the intricacies involved in planning and executing industrial painting projects.

When does SSPC offer these courses?
SSPC offers its training/certification programs in various locations around the world. We offer over 400 training and certification programs publicly throughout the year. Courses are also offered in conjunction with our national conference and are offered by several licensees and SSPC local chapters.

Does SSPC offer private courses for large groups at client facilities?
Yes. Every SSPC course can be given on-site to a private or public employer. Please contact Jennifer Merck at 877.281.7772, ext. 2221 or merck@sspc.org for more information about this program to request a proposal for on-site training.

Are there any other types of classes or learning opportunities that SSPC offers?
Yes. SSPC has a long list of Workshops that we’ve developed to provide an overview of specialty subjects. Some of these are listed here:

- Failure Analysis
- Waterjetting
- Coating Inspection Instruments and Standards
- Coatings for Secondary Containment
- Plural Component Spray Equipment
- Concrete Evaluation and Repair
- Coating Underground Pipelines and Storage Facilities
- Mitt Training
- Controlling Humidity and Temperature for Abrasive Blasting, Coating and Curing
- Detecting, Removing, and Overcoating Soluble Salts
- Thermal Spray Coatings
- Industrial Paint Estimating
- Assessing Your Company’s Structure and Financial Health
- Fundamentals of Protective Coatings (C1) eCourse (15 Points)
- Planning/Specifying Coatings Projects (C2) eCourse (15 Points)
- Marine Coating eCourse (15 Points)
- Quality Control Supervisor eCourse (6 Points)
- Applicator Training Basics eCourse (6 Points)
- Surface Preparation of Steel Prior to Coating Application eCourse (3 Points)
- Surface Preparation of Concrete Prior to Coating Application eCourse (3 Points)
- Surface Preparation of Nonferrous Metals eCourse (3 Points)

Where can I take a course?
Check our training schedule for the latest public dates and locations. For a private course, please contact Jennifer Merck at 877.281.7772, ext. 2221 or merck@sspc.org.

OK, I’m almost sold. How much does it cost?
Course prices are listed on each course description page.

How can I use my Organizational Membership flexible benefit points?
SSPC organizational members can use their Flex points to get additional discounts ($200 off per course) or get the online training listed below for FREE!

- Fundamentals of Protective Coatings (C1) eCourse (15 Points)
- Planning/Specifying Coatings Projects (C2) eCourse (15 Points)
- Marine Coating eCourse (15 Points)
- Quality Control Supervisor eCourse (6 Points)
- Applicator Training Basics eCourse (6 Points)
- Surface Preparation of Steel Prior to Coating Application eCourse (3 Points)
- Surface Preparation of Concrete Prior to Coating Application eCourse (3 Points)
- Surface Preparation of Nonferrous Metals eCourse (3 Points)

For information on SSPC Membership, please contact Ernie Szoke at 877.281.7772, ext. 2214, szoke@sspc.org or visit www.sspc.org/membership. To redeem your flexible benefits points for training, please contact Training Customer Service at 877.281.7772, ext. 2204 or training@sspc.org.

What if I need a class outside the United States?
SSPC works globally to enhance the coatings industry by offering education, training and chapter events all over the world. SSPC offers classes in the following countries:

- Algeria
- Belgium
- China
- Egypt
- India
- Indonesia
- Malaysia
- Nigeria
- Philippines
- Singapore
- Taiwan
- Thailand
- Turkey
- United Arab Emirates
- Vietnam

For more information, please contact Jennifer Merck at 877.281.7772, ext. 2221 or merck@sspc.org.
How do I recertify for SSPC Certification Programs?
All SSPC-certified professionals must periodically renew their certifications. SSPC has now made this renewal process easier, by placing its renewal exams online. Coatings professionals certified in the various programs will be notified by mail in plenty of time to complete their renewals. Please contact Silvia Palmieri at 877.281.7772, ext. 2201 or palmieri@sspc.org for more information.

Why take an online training class?
The eCourses are perfect for those students who are unable to attend a regular public offering. eCourses feature the same units that are used in in-person classes. Each unit has been converted into a series of web pages that students can access whenever it is convenient to them. After completing each quiz, students receive instant feedback to aid in the learning process.

How often are the eCourses Offered?
eCourses start on the 15th of each month throughout the year. Each semester is 20 weeks (5 months). Students can work at their own pace over the 20-week period to complete the units, workshops, and quizzes. The final exam is also completed online.

Why listen in on an SSPC/JPCL Webinar?
Want to advance in your career, but you’re too busy and don’t have the time to devote to a week-long class? Then take a webinar. The webinars are designed to keep you abreast of the latest industry trends, developments and technology - all from the comfort of your home or office. And there is no cost to participate!

For more information go to: www.paintsquare.com/education/index.cfm
Register at www.paintsquare.com/sspc

How can I host an SSPC Public Offering?
If you want to host an SSPC training course at your facility, please contact Jennifer Merck at 877.281.7772, ext. 2221 or merck@sspc.org.

What does it mean to host an SSPC Public Offering?
If you host an SSPC public offering you are allowing people from the coatings industry to come and take an SSPC Training Class at your facility.
• You can pick the date of the offering.
• You will also get two free slots in the class.

The following are some of the responsibilities that you have when you host a course.
• Find a location for the training
• Provide AV equipment
• Recommend a hotel
• Provide On-Site Administration for the Course

PROVIDING YOUR OWN TRAINING
Companies that have already trained their employees may elect to forgo the SSPC classroom training component and have an authorized SSPC representative oversee a written exam and a hands-on certification session. The SSPC exam proctor will not review any of the training topics with the students. It will be assumed that they have already been trained and are ready to be tested. If you would like to forgo the SSPC classroom training and only have SSPC come to your facility to proctor the exams, please contact Jennifer Merck at 877.281.7772, ext. 2221 or merck@sspc.org to request a cost proposal for this option.
SSPC Training Courses are available through the following SSPC licensed training providers.

North America (USA, CAN, MEX) (Courses: C3 and C5)
- Alison Kaelin, AB Kaelin, LLC
  - Phone: 1.412.841.7260 or abkaelin@comcast.net
- Lloyd Smith, Greenman-Pedersen, Inc./S.G. Pinney Instrument Sales, Inc.
  - Phone: 1.410.880.3055 or lloydsmith@gpinet.com
- Amy Gibson, KTA-Tator, Inc.
  - Phone: 1.412.788.1300, ext. 212 or agibson@kta.com
  - Phone: 1.718.268.6314 or edoyle@leightonassociates.com
- Chris Lovelace, The Lovelace Group
  - Phone: 1.678.764.8963 or chris@thelovelacegroup.com
- Mitch Blum, MB Environmental Consulting
  - Phone: 1.716.902.4253 or mblum@rochester.rr.com

North America (USA, CAN, MEX) (Courses: C1, C2, C3, C5, C7, C12, C14, CAS, Plural, QCS, and Worker)
- Anton Ruesing, Finishing Trades Institute
  - Phone: 1.410.564.5850 or aruesing@iupat.org

North America (CAN) (Courses: C7, C12, and Plural)
- John Mandarino, LiUNA Canadian Tri-Fund
  - Phone: 1.289.291.3768 or jmandarino@tri-fund.org

Want to Become an SSPC Training Licensee?

We are always interested in discussions with potential new partners.

Accreditation shows you mean business: any organization can host a training course. But it takes true commitment to become an authorized provider of SSPC Training Programs.

SSPC developed the Training Provider Accreditation Application to verify the capabilities of companies performing industrial coatings training programs. The program’s objective is to determine if a company has the personnel, organization, qualifications, procedures, knowledge, and capability to administer quality SSPC training programs. SSPC is an Authorized Provider of the International Association of Continuing Education and Training (IACET) and meets the ANSI/IACET Standard for awarding the IACET CEU (Continuing Education Unit). The Training Provider Accreditation Application process involves an application and a site visit that benchmarks your organization against the ANSI/IACET Standard.

The Training Provider Accreditation Application and review is a rigorous process that involves extensive hands-on evaluation by SSPC. Its thorough nature ensures that accreditation is valued in the marketplace and that the approved company is the best of the best.

For more information on becoming a training licensee please contact Jennifer Merck at 1-800-281-7772 ext. 2221 or merck@sspc.org.
Can’t Make it to One of Our Public Course Offerings?
Let SSPC Bring the Course to You!

In an effort to accommodate our customers, SSPC training courses can be brought to your job site or facility anywhere in the world. Pricing for on-site courses is based on the course, number of participants, instructor travel and accommodation costs.

Consider these benefits
• On-site training saves your company money and provides you with increased scheduling flexibility.
• Compare your on-site prices to the total cost of sending a group of people to various public offerings.
• Typically, the economics favor on-site training when you have five or more attendees.
• Select the on-site dates most convenient for your organization.

If you wish to receive a proposal for an on-site training course, please submit the following information:
• The SSPC course(s) you are considering
• Location where you would like to hold the training
• Estimated number of students
• Tentative dates

More Information
Submit all of the above information to Jennifer Merck at merck@sspc.org.
Please include your full contact information and a customized proposal will be emailed to you within 3-5 business days.
### Abrasive Blasting Program (C7)

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### Basics of Estimating Industrial Coatings Projects (EST)

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### Bridge Coating Inspector Program (BCI) – Level 1 and 2

*Unless Noted*

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<td>Sep 18 – 23</td>
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<td>Oct 16 – 20</td>
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<td>Kentucky DOT (Level 1 Only), Frankfort, KY USA</td>
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<td>KTA–Tator, Inc., St. Petersburg, FL USA</td>
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### Bridge Maintenance: Conducting Coating Assessments (BRIDGE)

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### Coast Guard Basic Paint Inspector Course (Coast Guard)

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<td>Vigor Industrial LLC, Seattle, WA USA</td>
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**eCourse Reminder**

SSPC eCourses start on the 15th of each month throughout the year. Students can work at their own pace over the 20-week period to complete the units. Visit [http://www.sspc.org](http://www.sspc.org) and select Training and the Online Training/e-Learning for more information.
### Coating Application Specialist (CAS) – Level 1

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### Coating Application Specialist (CAS) – Level 2

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### Coating Application Specialist – Refresher (CAS REF)

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### Concrete Coating Inspector (CCI) – Level 1 and 2

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### CCI Supplement: Determining the Level of Moisture in Concrete (CCI SUPP)

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### Developing an Effective Coating Specification (DEV CTG SPEC)

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### Floor Coating Basics (C10)

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### Fundamentals of Protective Coatings (C1)

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### Inspecting Containment

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### Inspection Planning and Documentation (INSPEC PLAN)

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**eCourse Reminder**

SSPC eCourses start on the 15th of each month throughout the year. Students can work at their own pace over the 20-week period to complete the units. Visit [http://www.sspc.org](http://www.sspc.org) and select Training and the Online Training/e-Learning for more information.
### Lead/Hazardous Coatings Removal (C3)

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### Lead Paint Worker Safety (WORKER)

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### Navigating Standard Item 009–32 (009–32)

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### NAVSEA Basic Paint Inspector (NBPI)

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### Planning and Specifying Industrial Coatings Projects (C2)

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### Plural Component Application for Polyureas and High Solid Coatings (PLURAL)

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### Protective Coatings Inspector Workshop (PCI WS)

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### eCourse Reminder

SSPC eCourses start on the 15th of each month throughout the year. Students can work at their own pace over the 20-week period to complete the units. Visit [http://www.sspc.org](http://www.sspc.org) and select Training and the Online Training/e-Learning for more information.
### USA AND CANADA COURSE OFFERINGS FOR

**Protective Coatings Inspector Program (PCI) – Level 1, 2, 3**

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### INTERNATIONAL COURSE OFFERINGS FOR

**Protective Coatings Inspector Program (PCI) – Level 1, 2, 3**

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### Protective Coatings Specialist (PCS) Program

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### Quality Control Supervisor (QCS)

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### Spray Application Program (C12)

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### Surface Preparation and Paint Application for Shipboard Organizational Level Corrosion Control (SHIPBOARD)

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### Using SSPC PA 2 Effectively (PA 2)

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<td>Apr 14 – 15</td>
<td>03/24/2017</td>
<td>Vigor Industrial LLC</td>
<td>Portland, OR USA</td>
</tr>
<tr>
<td>Oct 04 – 05</td>
<td>09/13/2017</td>
<td>Sponge–Jet, Inc.</td>
<td>Newington, NH USA</td>
</tr>
<tr>
<td>Nov 15 – 16</td>
<td>10/25/2017</td>
<td>Greenman-Pedersen, Inc.</td>
<td>Grand Rapids, MI USA</td>
</tr>
</tbody>
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**eCourse Reminder**

SSPC eCourses start on the 15th of each month throughout the year. Students can work at their own pace over the 20-week period to complete the units. Visit [http://www.sspc.org](http://www.sspc.org) and select Training and the Online Training/e-Learning for more information.
SSPC Training Course Registration Form

Registration deadline is 21 Days prior to published date of class

Your SSPC Individual ID Number ____________________________ Please tell us how you heard about this training ____________________________

Name (as it should appear on your certificate)

Your Title ____________________________ Company Name ____________________________

Company Address ____________________________ City/State/Zip ____________________________

Area Code/Phone Number ____________________________ E-mail Address ____________________________

Area Code/Fax Number ____________________________ Date and Place of Birth ____________________________

Your Approving Manager’s Name ____________________________ Title ____________________________

Write in the Course(s) for which You are Registering:

1 Course Title: ____________________________ Date of Course: ____________________________ Location: ____________________________

2 Course Title: ____________________________ Date of Course: ____________________________ Location: ____________________________

Demographic Information  This must be completed, or we cannot complete your application.

Question 1: What is your primary business in terms of coatings work? (Check only one)

A. Facility Owner/End User of Coatings
B. Architect/Engineering/Consulting Firms
C. Contractor
   a. Painting
   b. Flooring
   c. General
   d. Specialty
   e. Concrete
   f. Other
D. Shipyard
E. Fabricator
F. Manufacturer
   a. Abrasives
   b. Equipment for coatings work
   c. Coatings and linings
   d. Coatings raw materials
   e. Other
G. Dealer/Distributor/Store
H. Government, Regulatory Agency, Research
Y. Other (specify) ____________________________

Question 2: In which industries or structures are you involved in coatings work? (Select all that apply)

A. Chemical processing
B. Petroleum refining/processing/distribution
C. Metals and mining
D. Pulp and paper
E. Oil/gas production
F. Coatings application equipment
G. Coatings inspection equipment
H. Agriculture
I. Waterfront/locks/dams
J. Water works/storage
K. Waste treatment
L. Food, beverage or pharmaceutical
M. Pipeline
N. Gas utility
O. Pipeline
P. Railcar manufacturing and/or repair
Q. Equipment/vehicle manufacturing and maintenance
R. Military
S. Stadiums & theme parks
T. General Commercial
Y. Other ____________________________

Question 2: Which products and services do you purchase or specify? (Select all that apply)

A. Coatings for steel
B. Coatings or materials to protect concrete
C. Surface preparation equipment and materials
D. Coatings application equipment
E. Safety equipment
F. Containment
G. Access and scaffolding equipment
H. Lab and field testing equipment
I. Coatings raw materials
J. Paints and coatings
K. Consulting or engineering services
Y. Other ____________________________

Please charge my credit card in the amount of $ ____________________________

☐ VISA ☐ MasterCard ☐ Discover ☐ AMEX

Card Number ____________________________ Exp. Date ____________________________ Security Code ____________________________

Signature ____________________________ Check Enclosed ____________________________ Check No. ____________________________

☐ Add $100.00 for 1-Year SSPC Individual Membership

Special Note: If you have a disability that may impact your participation in this activity, please call SSPC at least two weeks prior to the date of the event. Prior notification is necessary in order for us to address your needs.

A Free Membership Offer from SSPC

If you register for a training course at the nonmember rate, you automatically become an SSPC individual member. Your membership includes unlimited access to the entire collection of SSPC standards at no additional cost, a subscription to the Journal of Protective Coatings and Linings as well as discounts on publications, conferences and other benefits. After the course, we will process your application and you will receive your membership card and JPCl shortly thereafter. This offer is valid only for new members or those whose membership has been inactive for at least six months. Your signature below verifies that you understand this offer.

Signature ____________________________ Date ____________________________

Cancellation Policy

SSPC reserves the right to cancel up to 21 days before the scheduled training is to begin due to low registration. If a training event is cancelled, registrants receive a full refund of payments for course fees and supplemental material or SSPC can transfer your registration fee to an upcoming training. If you do not enroll in another class within one year, the fee will be forfeited. SSPC reserves the right to cancel or reschedule a course or part thereof at any time. In the event of SSPC having to cancel or reschedule a course, attendees will be offered an alternative course date or the option to withdraw from the course and a credit/refund issued if appropriate. We cannot take responsibility for the expenses incurred by the customer as a result of a cancellation or re-scheduling of the course. If you choose to cancel and SSPC receives your written cancellation: A) up to 20 to 17 calendar days before the training, the registration fee is refundable, minus a $50.00 service charge or you may select a full credit towards a future training class or event. B) is received from 20 to 17 calendar days before the training, the fee is refundable at 50%, minus a $50.00 service charge or you may select a full credit towards a future training class or event. C) is received in 16 or fewer days before the training, you will receive credit towards a future conference or training event, minus a $50.00 service charge. If you do not cancel or attend, you are still responsible for the payment. All credits for future classes due to your cancellation are forfeited if you do not attend another class within one year of your first cancellation. Under no circumstances is SSPC responsible for reimbursement of any airline tickets, guaranteed reservations or other expenses associated with a student attending any class. If you contact SSPC 21 days before the start date of the original class you wanted and request to move from that class date to another class date, there is a $50.00 fee. If you replace a student in a class, there is a $50.00 fee.

Four Easy Ways to Register

1. Online at www.sspc.org
2. By phone, toll-free: 877.281.7772, ext. 2204
3. Fax this form to: 412.444.3593, or Email this form to: lourette@sspc.org
4. By mail send to: SSPC Training P.O. Box 536030 Pittsburgh, PA 15253-5902

Four Easy Ways to Register

SSPC Training and Certification Catalog 63

WWW.SSPC.ORG