

INDIVIDUAL TRAINING & CERTIFICATION

2019



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
The Society For
Protective Coatings
www.sspc.org

SSPC TRAINING HOSTS

SSPC graciously acknowledges those companies and chapters that make it possible for training and certification courses to be offered world wide.



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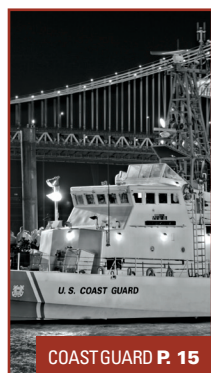


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Inspection Instruments

GPI Greenman-Pedersen, Inc.
Engineering and Construction Services

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SYMBOL KEY

In order to standardize and make the information easier to understand, these icons are displayed on each page where applicable.



DIFFICULTY
LEVEL



DIFFICULTY
LEVEL



DIFFICULTY
LEVEL

Shows the difficulty level of the course.



A Professional Certification is available for this course.



DoD Funding is available for this course.
See Page 59 for information about how to apply for the funding.



This course is recognized by an accredited organization.
See page 7 for more information



This course meets Navy requirements.



This course has prerequisites.
More information can be found online at www.sspc.org/training.



This course is available online.

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Consider the following options to stay relevant, current and connected:

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Industrial Affiliate

Offers the most flexibility for large entities with a significant technical staff team (82 Flex Points Awarded to Industrial Affiliate Members)

Sustaining Level

Ideal for QP Certified Contractors and those looking to become QP Certified (45 Flex Points Awarded to Sustaining Level Members)

Patron Level

Perfect for small to medium companies looking to maximize value (20 Flex Points Awarded to Patron Level Members)

COUNCIL OF FACILITY OWNERS (CFO) PACKAGES

CFO Sustaining Level

Just right for Facility Owners with multiple structures and/or dedicated maintenance departments (66 Flex Points Awarded to CFO Sustaining Level Members)

CFO Patron Level

Great for small to medium water authorities, municipalities and those specifying SSPC standards and certifications (25 Flex Points Awarded to CFO Patron Level Members)

FLEX POINTS

Take Advantage of your organizational Flex Points with complimentary access to:

- Publications
- eCourses
- Add additional individual members to your company roster
- In person training*
- And much more!

*for exact details and further information please contact membership@sspc.org

INDIVIDUAL MEMBERSHIP PACKAGES

Individual Members of SSPC advance their careers, gain knowledge and grow their personal and professional networks through:

- Unlimited 24-hour access to all SSPC current and historic standards and SSPC Insider Content
- Subscription to the Journal of Protective Coatings & Linings (JPCL) and access to Paintsquare.com
- Technical Assistance through "Ask SSPC"
- Exclusive member pricing for training, professional certifications, publications and merchandise
- Local Chapter Events, Networking and Leadership Development Opportunities
- Plus much more!

3 Year Packages save you 17%

2 Year Packages save you 10%



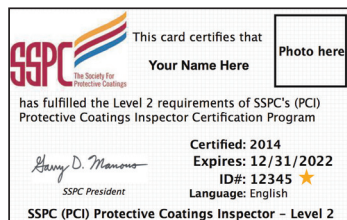
RECERTIFICATION

SSPC RECERTIFICATION ONLINE

Certification Term & Renewal

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. Those who do not successfully recertify within their term will have to retake the SSPC classroom portion of the program or an SSPC-approved equivalent.

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



New in 2018:

All certified students will be due to recertify at the end of their term, on the same month that the student became certified.

New Wallet Card Format for Recerts: SSPC's certification I.D. card will now indicate the student's original certification year and a Gold Star to commemorate their status.

- 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 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.

Renewal Packet includes:

- Work experience
 - Application
 - Photo requirement form
 - Approved formal training (CAS only)
- Multiple notices will be sent to candidates reminding them of their approaching renewal dates at 12, six and three months out. If no response is received by the certification expiration date, these individuals' certifications expire, and they must re-take the course and Certification Exam to regain their certification.

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)
- Concrete Coating Application (CCAS)
- Marine Plural Component Program (MPCAC, C14)
- Plural Component Application for Polyurea and High Solids Coatings (PLURAL)
- Protective Coatings Specialist (PCS) Program
- Surface Preparation and Paint Application for Power Tool Cleaning Operators and Brush and Roll Paint Applicators (C6)
- Spray Application Certification (C12)
- Thermal Spray Applicator Training (THERMAL)
- Waterjetting Program (C13)

Inspection Recertifications

- Bridge Coatings Inspector (BCI)
- Concrete Coatings Inspector (CCI)
- Fireproofing Inspector (FIRE INSP)
- NAVSEA Basic Paint Inspector (NBPI)
- Protective Coatings Inspector (PCI)

NOTES:

- Candidate is responsible for sending SSPC updated contact information
- For any questions regarding recertification, please contact Silvia Palmieri at palmieri@sspc.org or 412.281.7772, ext. 2201.

AGENCIES THAT RECOGNIZE SSPC AS AN ACCREDITED TRAINING/CERTIFICATION PROVIDER

| | | |
|--|---|--|
| American Board of Industrial Hygiene | Lloyd's Register | Petrobus |
| American Bureau of Shipping (ABS) | Maine DOT | Petronas |
| Army Corps of Engineers | Malaysian Navy | RASGAS |
| British Petroleum (BP) | Maryland Department of the Environment | Rina |
| Connecticut DOT | MASS DOT | Shell |
| Department of Veterans Affairs | Missouri Department of the Environment | SSPC QP-1 |
| Florida Board of Professional Engineers (FBPE) | New Jersey Department of the Environment | SSPC QP-2 |
| Florida DOT | New Jersey DOT | Texas DOT |
| Illinois Department of the Environment | New York Board of Professional Engineers | United States Navy |
| International Association of Continuing Education and Training (IACET) | New York City School Construction Authority | Virginia Department of the Environment |
| Kentucky DOT | Ohio DOT | West Virginia DOT |

DID YOU KNOW?

Are you a PE and need CEU credits?

SSPC CEU credits are now accepted by all state PE boards that require continuing education. Through agreements with State agencies, and also our continued IACET accreditation our CEUs are able to help Professional Engineers in all states meet their education requirements. These agreements help SSPC to support our membership and continue to provide value in many different ways.

If any questions arise, you can contact Jennifer Merck at merck@sspc.org or 412-281-2331. Refer to your State Licensing board for questions such as record keeping and additional education requirements.

ELEVATE YOURSELF

THE MAJORITY OF 1ST TIME SSPC STUDENTS RETURN FOR A SECOND CERTIFICATION.

Take control of your career by getting the training you need today. Promote your own growth, enhance your skill set, and set yourself apart from the crowd with globally recognized certifications.

Everything from coatings basics, to craftworkers, to project managers, to certified inspectors; there is always more to learn.



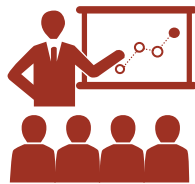
DESIGNED TO FIT YOUR NEEDS

SSPC strives to provide certifications to those in the protective coatings industry. There are many ways to take courses and certifications that fit your needs.



Onsite/Licensee

Bring a course to your facility at a time convenient to you or visit one of our licensees near you. See page 60 for a full list of licensees.



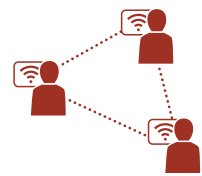
Public Offerings

Our courses are offered throughout the year all around the world. Find one today on pages 63 to 70 or visit sspc.org.



Hands-On Learning

Test your field knowledge. Our equipment providers supply the tools needed to enhance your hands-on experience.



Online

We bring the classroom to you. Learn at your own pace from anywhere in the world. Our expansive list of online classes can be found on pages 56 & 57.

Follow us to learn more and stay up-to-date on courses offered near you.



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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 \$820, Non-Member \$1020



Credits: 0.75 CEUs



Certification Term: 5 Years

Prerequisites: Yes - Prerequisites can be found at www.sspc.org in the MarketPlace or under this course description

Course Description

C7 is designed for contractor personnel who wish to obtain certification, or others who wish to learn about blast cleaning of steel and nonferrous surfaces. It covers principles of surface preparation, surface cleanliness, surface profile, dust and debris control, and abrasives.

Course Content

- Principles of Surface Preparation
- Nozzle Abrasive Blast Cleaning Systems (with Hands-On Session)
- Wet Abrasive Blast Cleaning Systems (with Hands-On Session)
- Abrasives
- Portable Centrifugal (Wheel) Abrasive Blast Cleaning Systems (with Hands-On Session)
- Abrasive Blast Cleaning Nonferrous Substrates

Benefits of Attending

After attending this course you will be able to:

- Recognize the basic principles of surface preparation
- Identify proper blast cleaning equipment setup and abrasives used
- Demonstrate proper blast cleaning technique to achieve certification



The "Provide Your Own Training" Program is available for this course. See Page 66.

This course is also available through SSPC-licensed providers.

See Pages 60 - 61 for contact information.

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
- Contractor personnel who wish to obtain certification
- Others who wish to learn about dry abrasive blast cleaning of steel

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

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 \$1000

Credits: N/A

Certification Term: 5 Years

Prerequisites: Yes -Prerequisites can be found at www.sspc.org in the MarketPlace or 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 become certified to the SSPC ACAS Program?

- 1 Take and pass a formal training course and submit certificate of completion to SSPC. Any successfully completed training course dealing primarily with surface preparation and coating application for the common substrates used by manufacturers to build aircraft that is offered by an IACET certified training organization or an accredited college, university or trade school. In addition, the student must have passed a written exam and the course must have been taught by a qualified instructor (as determined by SSPC.) The following are examples of courses that would qualify:
 1. SSPC Aerospace Maintainer Coating Application Training (pg. 12)
 2. SSPC Basics of Nonferrous Surface Preparation Course (below)
- 2 Apply for SSPC ACAS Certification by registering for the exam and submitting your prerequisite form.

* SSPC BASICS OF NONFERROUS SURFACE PREPARATION COURSE

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. After completing this course, you'll recognize the basic steps in this process and what needs to be done to achieve the surface preparation specified by the job specification (contract).

Course Content

- Definitions, names, and types of stainless steel
- Aluminum alloy surfaces
- Pre-surface preparation
- Surface preparation needs for AL and CRES
- Surface preparation methods
- Surface preparation standards and guidance
- Surface preparation inspection methods and tests

* This course is not offered publicly. Please Contact Sara Badami at badami@sspc.org for an onsite proposal if interested.

AEROSPACE ENGINEER COATING APPLICATION TRAINING



Level: Advanced



Duration: 4 Days / 32 Hours, Includes Course Exam



Class Time: 8:00 AM - 5:00 PM

Cost: Member \$1020, Non-Member \$1220

Credits: 3.0 CEUs

Certification Term: N/A

Prerequisites: No



Course Description

The objective of this course is to support corrosion prevention and control during the lifecycle of the Department of Defense systems. The course familiarizes engineers with corrosion mitigation, coating application, and inspection practices through multiple workshops and problem-solving exercises.

Course Content

- Applicable military documents
- Corrosion control and basics
- Surface preparation
- Coating qualification, validation, and verification
- Coating types and application
- Safety
- Coating defects and failures
- Coating and corrosion inspection

Benefits of Attending

After attending this course you will be able to:

- Recognize those military documents and specifications used in corrosion control of aircraft.
- Identify the coatings applied to aircraft.
- Define the performance properties needed to qualify, validate, and verify coatings for aircraft.
- Identify coating defects and failures and define methods for prevention and repair.
- Define the requirements of a proper inspection method.

Course Format

This course features modules, workshops, and quizzes. At the end of the course, a 25-question multiple-choice final examination is given. In addition to completing all of the course modules, a passing grade of 70% or higher is needed on the final exam to receive a certificate of completion and CEUs.

Who Should Attend

Aerospace engineers involved with corrosion mitigation, coating application, and inspection should take this course.

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

AERO MAIN

AEROSPACE MAINTAINER COATING APPLICATION TRAINING



Level: Basic



Duration: 3 Days / 24 Hours, Includes Course Exam



Class Time: 8:00 AM - 5:00 PM

Cost: Member \$695, Non-Member \$895

Credits: 2.4 CEUs

Certification Term: N/A

Prerequisites: No

NEW

Course Description

The objective of this course is to support corrosion prevention and control during the sustainment life cycle of the Department of Defense systems. The course familiarizes aerospace maintainers with corrosion mitigation and coating application practices through multiple workshops and problem-solving exercises.

Course Content

- Corrosion Basics and Control
- Safety
- Surface Preparation
- Coating Types and Application

Benefits of Attending

After attending this course you will be able to:

- Define common types of corrosion.
- Recognize how the environment contributes to corrosion.
- Explain how the selection of materials can impact the extent of corrosion.
- Describe how a coating protects aircraft.
- Identify specific information on the manufacturer's product data sheet (PDS) and safety data sheet (SDS).
- Recognize and identify those hazards described by Hazard Communication Safety (HCS) labels.
- Employ proper surface preparation methods before painting aircraft.

Course Format

This course features modules, workshops, and quizzes. Day 3 of the course features a hands-on workshop in surface preparation and coating application. At the end of the course, a 25-question multiple-choice final examination is given. In addition to completing all of the course modules, a passing grade of 70% or higher is needed on the final exam to receive a certificate of completion and CEUs.

Who Should Attend

Service men/women who perform maintenance and repair work on military aircraft.

Note

The Aerospace Maintainer Coating Application Training can fulfill the training requirement for the SSPC Aerospace Coating Application Specialist (ACAS) Certification Program. Information on the ACAS program can be found on page 10.

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Airforce personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

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.

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

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 in the MarketPlace or 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

- Unit 1 – Roles and Responsibilities
- Unit 2 – Terminology and Methods
- Unit 3 – Safety
- Unit 4 – Jobsite Layout
- Unit 5 – Containment
- Unit 6 – Surface Preparation
- Unit 7 – Coating Types and Characteristics
- Unit 8 – Coating Handling and Application
- Unit 9 – Coating Inspection and Defects
- Unit 10 – Preparation Before Beginning Work

Benefits of Attending

After attending this course you will be able to:

- Identify the roles and responsibilities of the bridge coatings inspector.
- Explain the differences between QC and QA.
- Recognize the importance of specification documents.
- Describe appropriate hold and check points for bridge coatings inspection.
- Identify typical elements of bridges.
- Recognize potential safety hazards associated with bridge coatings inspection.
- Ensure compliance of equipment placement and job site layout with the project specification.
- Recognize the importance of containment and emissions control throughout the course of the project.
- Identify key inspection concerns for each coating type.
- Inspect surface preparation and coating application for bridge coatings projects.

BCI Program Cost Breakdown

Level 1: Course, Course Exam (5 days)

Member \$1095, Non-Member \$1295

Level 1/2: Course, Course Exam and Certification Exam (6 days)

Member \$1495, Non-Member \$1695

Course Exam Only (1 day):

Member \$250, Non-Member \$450

Certification Exam Only (1 day)

Member \$450, Non-Member \$650

Exam 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 inspection plan 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 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, those who want to become bridge coatings inspectors, material and equipment supplier technical representatives, program and project managers, resident engineers and others who wish to learn more about the craft of the bridge coatings inspector.

Course Just Updated!

BCI was revised in the spring of 2018 with input from the DOTs, course instructors, and the SSPC Education Committee. Standards and instrument instructions were updated to current practice, new material about metallizing, bolted connections, coating selection testing has been added, along with new photos, and the workshops were revised to reflect those tasks most commonly performed by bridge inspectors.

COAST GUARD

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 \$1095, Non-Member \$1295

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

- Introduction
- Fundamentals of Corrosion
- Corrosion Control
- Mechanical Cleaning Methods
- Abrasive Blast Cleaning
- Waterjetting and Alternate Surface Preparation
- Surface Preparation Method Selection
- Coating Systems
- Coating Application
- Nonskid
- Safety
- Documentation
- Inspection and Check Points
- 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

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

Course Format

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

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

The written exam consists of 100 multiple-choice questions. The practical exam features eight inspection tool stations. To receive a certificate and CEUs, you must attend all 40 hours of the course and attain a 70% or better score on both sections of 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 in the MarketPlace or under the 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, TURKISH and PORTUGUESE! Each candidate must note on the prerequisite form that they require the CAS Written Exam in another language.

Level 1

The **SSPC Coating Application Specialist Level 1** exam consists of basic knowledge of industrial coatings and linings (Available in Spanish and Turkish).

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.

CAS Program Cost Breakdown

Coating Application Specialist Level 1 - Half Day Written Exam

Written Exam: Member \$225, Non-Member \$325

Coating Application Specialist Level 2 - Interim or Full Status

2-Day Written Exam & Hands-on Skills Assessment

Written Exam: Member \$175, Non-Member \$275

Hands-on Exam: Member \$650, Non-Member \$750

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 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.

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 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 50 for information on the Trainthepainter representatives, program and project managers and resident engineers.

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

CAS LEVEL 3

COATING APPLICATION SPECIALIST - LEVEL 3



Level: Advanced

Duration: Each module is: 2 Days / 16 Hours (Includes Written Exam & Hands-on Training)

Cost: All 7 Programs:

Member Cost: \$499

Non Member Cost: \$699

Individual Programs:

Member Cost: \$99.00

Non Member Cost: \$149

Prerequisites: CAS Level II

Visit www.sspc.org/trn-crs-atmcds for more information and complete module descriptions.

CAS Level 3

Obtaining a CAS Level 3 Status is attainable by achieving a CAS Level II Full Status and a minimum of three of the specialty modules, and a minimum of 8 years of verifiable relevant work experience. These seven programs can be purchased and are a great way to prepare candidates for the CAS Level 3 written and hands on exams. Contact Jennifer Merck at merck@sspc.org for more information on the CAS Level 3 Program.

Modules:

1. Waterjetting
2. Plural Component
3. Coating Concrete
4. Thermal Spray Applicator
5. Pipeline Coatings
6. Electrostatic Spray
7. Powered Coatings

Equivalent:

- SSPC Waterjetting Basics (C13)
- SSPC Plural Component Basics
- SSPC Floor Coating Basics (C10)
- SSPC Thermal Spray Applicator

The package includes:

- Student Manual
- Written Exam
- Written Exam Answer Key
- Instructor Manual
- Slide Presentation

CAS REF

COATING APPLICATION SPECIALIST - REFRESHER



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: 0.6 CEUs

Certification Term: N/A

Prerequisites: No



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

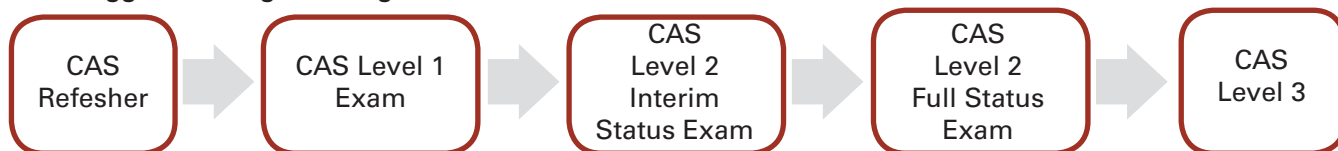
Who Should Attend

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.

CAS Suggested Program Progression



CONCRETE COATING APPLICATION SPECIALIST



Level: Advanced



Class Time: 8:00 AM - 5:00 PM



Certification Term: 5 Years



Prerequisites: Level 1= No Level 2 = Yes Prerequisites can be found at www.sspc.org in the Marketplace or under the course description



COMING SOON!

This course is currently in development. It is planned for release in 2019. Please check www.sspc.org and SSPC social media for updates.

Course Description

This course provides a comprehensive overview and practical hands-on training for craft worker personnel who wish to be trained and certified in the application of coatings on concrete surfaces. The course will offer hands-on exercises that focus on repair of deteriorated concrete, surface preparation of concrete, and coating application of concrete. After the completion of this training course, craft worker personnel should be able to demonstrate proper preparation and coating installation methods on concrete coating projects.

Course Content

- General Health and Safety
- Role of Quality in Concrete Coating Applications
- Concrete Composition
- Concrete Assessment and Durability
- Concrete Repair Prior to Coating Installation
- Surface Preparation of Concrete
- Application of Coatings on Concrete

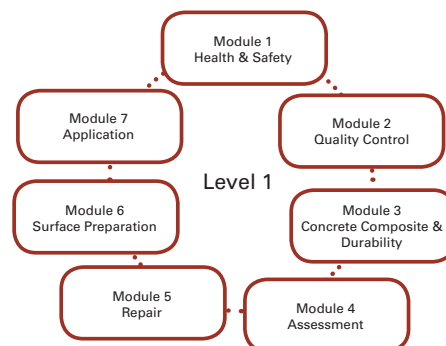
Benefits of Attending

After attending this course you will be able to:

- Describe common hazards involved in coating concrete operations.
- Explain the role quality control, quality assurance, and coating inspection personnel play during typical coating concrete operations.
- Identify the different components of concrete.
- Describe moisture vapor transmission and its effect on coating application.
- Identify common concrete defects and recognize why they occur.
- Repair minor surface irregularities, deteriorated concrete, cracks, and joints.
- Identify commonly used concrete surface preparation industry standards.
- Discuss the importance of concrete surface profile.
- Identify materials commonly used to coat concrete.
- Perform commonly used methods of installing concrete coatings.

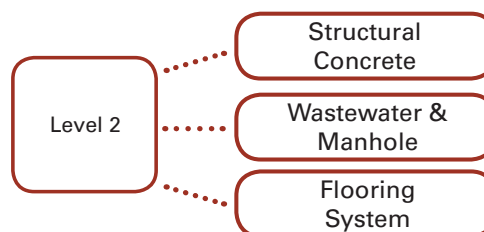
Course Format

The Level 1 course contains seven core modules, workshops, hands-on exercises, and quizzes. At the end of the course, a 50-question multiple choice final examination and a hands-on equipment practical is given. In addition to completing all of the course modules, a passing grade of 70% or higher is needed on the final written exam and hands-on practical to receive a certificate of completion for Level 1, CEUs, and to move on to one of the three Level 2 concrete applicator certification tracks.



Certification Format

The Level 2 certification has three concrete applicator certification tracks: application of coatings on concrete floors, wastewater/manhole, and structural concrete. Each certification track requires participants to complete additional coursework, workshops, hands-on exercises, and quizzes. At the end of each certification course, a 25-question multiple choice final examination and a hands-on equipment practical is given. In addition to completing all of the course modules, a passing grade of 70% or higher is needed on the final written exam and 90% or higher on the hands-on practical to receive a Level 2 certification and CEUs.



Who Should Attend

Coating applicators who are responsible for coating installation on industrial concrete structures should attend this course.

CONCRETE COATING BASICS ECOURSE



Level: Basic



Duration: 16 hours over a 16-Week Semester
(Includes Course Exam)



Class Time: N/A



Cost: Member \$400, Non-Member \$600, Flex Points 6

Credits: 1.6 CEUs

Certification Term: N/A

Prerequisites: N/A

Course Description

The online course provides a practical and comprehensive overview for those who are new and experienced to the concrete coating industry. This course is designed to provide basic training to concrete coating contractors and is a mandatory prerequisite for individuals seeking Concrete Coating Inspector Certification. This course also meets the practical training requirements of SSPC-QP 8, Section 4.4, which 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 Surfacing Over Concrete Floors.

Course Content

- Concrete Composition
- Coating and Surfacing Concrete
- Concrete Condition Assessment
- Concrete Joint and Crack Repair
- Concrete Surface Preparation
- Readiness Prior to Installation
- General Installation Guidelines
- Selection of Concrete Coatings
- Concrete Coating Application Methods
- Post-Installation Quality Assurance

**Now Delivered
as an eCourse**



Benefits of Attending

After attending this course you will be able to:

- Identify the basic components and properties of concrete
- Identify how concrete commonly deteriorates
- Identify the most commonly used coating systems used on concrete substrates
- Identify the most common concrete surface preparation methods
- Explain how to repair concrete joints and cracks
- Identify the most common concrete coating application methods
- Explain how to apply/install coatings to concrete substrates
- Identify the most common concrete coating inspection instrumentation

Course Format

This online course contains core content modules, workshops, and quizzes. At the end of the course, a 50-question multiple choice final examination is given. In addition to completing all of the course modules, a passing grade of 70% or higher is needed on the final exam to receive a certificate of completion and CEUs.

Who Should Attend

Concrete coating managers, contractors, specifying engineers, technical representatives, concrete coating educators, and material and equipment suppliers involved in the concrete coating industry should take this course.

Note:

This course is a prerequisite to attend the SSPC Concrete Coating Inspector Program (CCI).

General eCourse Information:

SSPC eCourses are perfect for those students who are unable to attend a regular public offering. SSPC online training courses are available on-demand. In other words, learners can sign up whenever they are ready and their online training will be available upon enrollment. Learners can work at their own pace over a 16-week period to complete each component of their online training, including a final exam.

CONCRETE COATING INSPECTOR



Level: Advanced



Duration: Dependent on Chosen Level (See Table)



Class Time: First Four Days 8:00 AM - 5:00 PM
Fifth Day 8:00 AM - 12:00 PM



Cost: Dependent on Chosen Level (See Table)



Credits: 3.2 CEUs

Certification Term: 4 Years

Prerequisites: Yes - Prerequisites can be found at www.sspc.org in the MarketPlace or under this course description

Course Description

The objective of this course is to thoroughly train and certify individuals in the proper methods of inspecting surface preparation and installation of protective coatings on industrial concrete structures and facilities.

Course Content

- Navigating a coating specifications
- Simulated pre-job conference
- Roles of QA and QC in concrete coating inspection projects
- Operations safety
- Recognizing surface irregularities caused by concrete placement, finishing, and curing
- General inspection
- Concrete coating inspection instrumentation review
- Inspecting concrete surface preparation
- Concrete moisture testing
- Inspecting concrete coating application
- Concrete inspection procedure development
- Simulated concrete project inspection

Benefits of Attending

After attending this course, you will be able to:

- Identify the common duties, responsibilities, and role of a concrete coating inspector
- Define record keeping procedures relating to the job specification
- Identify and explain how to use concrete coating inspection equipment
- Identify and explain the inspection of concrete surface preparation
- Explain how moisture negatively impacts a concrete substrate
- Identify and explain concrete coating inspection methods during and after coating application
- Prepare an inspection plan/procedure

Level 1

Duration: 4 Days / 32 Hours (Includes Written and Practical Course Exam)

Cost: Member \$895, Non-Member \$1095

Prerequisites: Yes, must take Concrete Coating Basics (CCB) online course

Level 1/2

Duration: 4.5 Days / 36 Hours (Includes Level 1/2 Written and Practical and Inspection Plan Certification Exam)

Cost: Member \$1095, Non-Member \$1295

Prerequisites: Yes, must take Concrete Coating Basics (CCB) online course + have industry experience

Level 2-Certification Exam Only

Duration: Half Day / 4 Hours

Cost: Member \$450, Non-Member \$650

Prerequisites: Yes, must take Concrete Coating Basics (CCB) online course + CCI Level 1 + have industry experience

Important: The Concrete Coating Basics (CCB) online course is a prerequisite to attend the SSPC Concrete Coating Inspector (CCI) Program Level 1 or Level 2.

Course Format

The course includes lecture, hands-on workshops, quizzes, written homework, and assigned readings from the manual.

Days 1-3

Days 1-3 of the program are devoted to classroom lecture about planning and providing third party quality assurance, job site inspection, operations safety, inspection of concrete surface preparation, and concrete moisture testing. Lectures are supplemented by quizzes and group exercises.

Day 4

Day 4 will begin with inspection of coating application followed by a coating adhesion testing workshop. Then, students will begin the inspection plan development workshop. Following these workshops, students will take the CCI Level 1 written exam that consists of 50 multiple-choice questions and a hands-on practical exam on the use of inspection instruments. A passing grade of 70% or higher on both the written and hands-on Level 1 exam is required to move on to the Level 2 certification exam given on Day 5.

Day 5

On Day 5, the Concrete Coating Inspector Level 2 certification exam is given. The exam consists of three parts: 100 multiple-choice questions, inspection plan development, and hands-on practical use of instruments. A passing grade of 80% or higher on each of the three parts of the exam is required to become an SSPC Level 2 Concrete Coating Inspector.

Who Should Attend

Inspectors, contractor managers, specifying engineers, technical representatives and material and equipment suppliers involved in the concrete coating industry should attend this course.

CONTRACT

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 39).

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

FIRE APP

FIREPROOFING APPLICATOR COURSE



Level: Basic



Duration: 2 Days (Includes written exam and workshops)

Class Time: 8:00 AM - 5:00 PM

Credits: 1.5 CEUs

Certification Term: N/A

Prerequisites: No; but SSPC C-12 or SSPC CAS is recommended

NEW

COMING SOON!

This course is currently in development. It is planned for release in 2019. Please check www.sspc.org and SSPC social media for updates.

Course Description

This course is designed to provide basic, non-product specific, training to industrial painters on the fundamentals of applying intumescent coatings, when specified, for the purpose of passive fire protection.

Course Content

- Introduction to what Passive fire protection is
- The critical importance of passive fire protection
- How intumescent coatings provide passive fire protection
- Surface Preparation
- Mock ups
- Prime and Top Coats
- Thin film intumescent coating systems
- Thick film intumescent systems
- Application methods & proper technique
- Environmental Conditions
- Recoat Windows
- Application equipment options
- Staging of equipment
- Product Data Sheets (PDS) and Safety Data Sheets (SDS)
- Industry Fire Protection Standards
- Quality Control Basics an applicator should know (e.g., WFT and DFT; environmental conditions, Tech Manual 12B)

Benefits of Attending

After attending this course, you will be able to:

- Recognize the basics and the importance of passive fire protection
- Learn how intumescent coatings provide fire resistance
- Learn the different types of intumescent coatings and their function
- Learn basic surface preparation and application methods
- Learn about equipment used to apply intumescent materials
- Learn about applicable fire protection standards
- Learn about basic quality control

Course Format

Each participant will receive a comprehensive training manual that includes a glossary of terms, references for additional reading and photos and illustrations of application methods and practices. The two days of instruction are devoted to classroom lecture, quizzes and classroom workshops. Day two of the course features a hands-on workshop in fireproofing application. At the end of the second day of instruction, the instructor will administer a closed-book written exam consisting of 50-75 multiple choice questions on the body of knowledge presented during classroom lectures. In addition to completing all of the course modules, a passing grade of 70% or higher is needed on the final exam to receive a certificate of completion.

Who Should Attend

SSPC C-12 OR SSPC CAS certified industrial painters or those with 3-5 years' experience spray applying liquid protective coatings.



FIRE INSP

FIREPROOFING INSPECTOR COURSE ECOURSE



Level: Intermediate



Duration: 1 Day (8 Hours) Online Course + 1 Hour Written Exam In Person



Class Time: N/A



Cost: Member \$795, NonMember \$995

Written Exam Retake: Member \$100, NonMember \$200



Credits: 0.8 CEUs

Certification Term: 4 Years

Prerequisites: Yes -Prerequisites can be found at www.sspc.org in the MarketPlace or under this course description

Course Description

The online Fireproofing Inspector Course provides coatings inspectors with fundamental knowledge for the inspection of passive fire protection projects. The course will focus on the inspection tasks associated with thick film and thin film intumescent coatings as well as other forms of fire protection.

Course Content

- Thick Film Intumescent Coatings
- Overview of Passive Fire Protection
- Quality Assurance and Quality Control
- Safety and the Fire Proofing Inspector
- Fireproofing Inspectors Duties
- Principles of Passive Fire Protection
- Conditional Surveys and Maintenance
- Thin Film Intumescent Coatings
- Characteristics and Quantity Requirement
- Documentation, Training and Application
- Dry Film Thickness
- Other Forms of Fire Protection

Benefits of Attending

After attending this course, you will be able to:

- Describe different types of fires and fire protection.
- Explain how thick film and thin film intumescent coatings work.
- Define the role of the fireproofing inspector in regard to quality assurance and quality control.
- Recognize health and safety considerations for fireproofing projects.
- Recognize essential documents associated with the inspection of fireproofing projects.
- Explain the surface preparation and coating application processes for thick film and thin film intumescent coatings.
- Describe the products and equipment needed for surface preparation and coating application.
- Outline how to conduct and compile fireproofing survey reports.
- Identify factors that influence the required wet and dry film thicknesses of intumescent coatings.
- Recognize common application defects.
- Identify other forms of fire protection materials in addition to intumescent coatings.

NEW

PROVIDING MORE FOR INSPECTORS

It started with PCI and now has grown to include BCI, CCI, and FIC. Stay tuned in 2019 for the release of the Pipeline Inspector Course; another way SSPC is committed to providing a solid curriculum for coating inspectors to better handle real-world situations.

Course Format

This course is taken online and consists of three core modules: Thick Film Intumescent Coatings, Thin Film Intumescent Coatings, and Other Forms of Fire Protection. Each module is supplemented by quizzes. The course features units as a series of web pages that students can access whenever it is convenient to them. Students must take the written exam in person. Contact SSPC to set up the exam. The written exam consists of 100 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

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.

General eCourse Information:

SSPC eCourses are perfect for those students who are unable to attend a regular public offering. SSPC online training courses are available on-demand. In other words, learners can sign up whenever they are ready and their online training will be available upon enrollment. Learners can work at their own pace over a 16-week period to complete each component of their online training, including a final exam.

What do you get?

- 24/7 access to some of the best coatings training materials in the world
- Over 11 training units with nearly 305 instructional slides in total
- Slides contain Videos, Animations, Diagrams, Photographs and Voice-over
- Every unit has printable documentation and training notes
- Video Guides, Tools, Calculations and Conversions



FLOOR 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 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 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. 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.

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

CTG APP INSP

FUNDAMENTALS OF COATING APPLICATION & INSPECTION ONLINE



Level: Basic



Duration: 16 Week Semester (Includes Written Exam)

Class Time: N/A

Cost: Member \$995, Non-Member \$1195

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 Online Course.

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 preconstruction conference
- Explain the importance of ethics of inspection personnel
- Describe the methods used to evaluate coating performance prior to full-scale 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 and industrial projects
- Compare inspection results to specification requirements

FORMERLY PCI ONLINE

Course Format

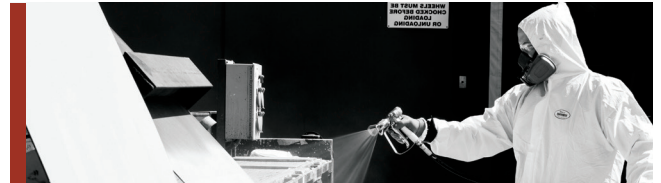
To pass the Online Training, candidates must get a 70% or higher on exam.

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.

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



FUNDAMENTALS OF PROTECTIVE COATINGS



Level: Basic



Duration: 5 Days / 40 Hours (Includes Written Exam)



Cost: Member \$1020, Non-Member \$1220
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



This course is also available through
SSPC-licensed providers.
See Pages 60 to 61 for contact information.

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.

GROUND VEH

GROUND VEHICLE CORROSION/PROTECTIVE COATINGS COURSE



Level: Basic



Duration: 5 Days / 40 Hours, Includes Course Exam



Class Time: 8:00 AM - 5:00 PM

Cost: Member \$1095, Non-Member \$1295

Credits: 3.8 CEUs

Certification Term: N/A

Prerequisites: No



Course Description

The course provides a practical and comprehensive overview for those who are new to and experienced in 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 the deterioration of industrial structures commonly used and maintained at the various Army Depots.

Course Content

- Corrosion and Corrosion Control
- Coating Types and Their Mechanisms of Protection
- Surface Preparation Prior to Coating Application
- Inspection and Quality Control
- Coating Degradation, Defects, and Failures
- Coating of Steel and Concrete Surfaces
- Coating Application Basics
- Determining the Extent of Curing

Benefits of Attending

After attending this course you will be better able to:

- Identify different types of corrosion and select coatings that meet project requirements.
- Discuss different coating systems used and their mechanisms of protection.
- Discuss the importance of surface preparation and identify common surface preparation methods of steel and concrete substrates.
- Discuss basic coating application methods and materials.
- Recognize the factors that accelerate coating deterioration and the techniques used to avoid common defects.
- Identify concrete coating selection criteria and application problems that can occur when coating concrete surfaces.
- Identify how to use the NSTM Chapter 631 Tables.

Course Format

This course contains two levels of training. Level 1 contains core content modules, workshops, and quizzes. At the end of the level 1 curriculum, a 25-question multiple choice final examination is given. In addition to completing all of the course modules, a passing grade of 70% or higher is needed on the final exam to receive a certificate of completion, obtain CEU's and move on to the Level 2 training.

Level 2 contains core content modules, workshops, and quizzes. A hands-on surface preparation workshop will also take place in the course that covers Hand and Power Tool Cleaning to SSPC-SP 2, SSPC-SP 3, SSPC-SP 11, and SSPC-SP 15. At the end of the Level 2 curriculum, a 25-question multiple choice final examination is given. In addition to completing all of the course modules, a passing grade of 70% or higher is needed on the final exam to receive a certificate of completion.

Who Should Attend

Depot personnel who are responsible for maintaining equipment, vehicles, and industrial structures through the use of protective coatings and/or participants in the Depot's Corrosion Control Program. Good candidates to attend are owners and contractors or their staff members responsible for job estimating.

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Airforce personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

CONTAINMENT

INSPECTING CONTAINMENT



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: 0.7 CEUs

Certification Term: N/A

Prerequisites: No

Course Description

This course covers inspecting containment systems in situ (erected in the field on or near the structure). It reviews how an inspector can check to verify whether the containment system meets contract requirements in terms of design and function during surface preparation, debris collection, and related activities.

Course Content

- Matching surface preparation and debris collection methods to containment requirements
- Collection with Proper Containment Requirements
- Containment Systems
- Illumination
- Dust Collection
- Methods for Assessing Quantity of Emissions

Benefits of Attending

After attending this course you will be able to:

- Verify whether a containment system meets contract requirements in terms of design and function during surface preparation, debris collection, and other related activities
- Match surface preparation and debris collection methods to containment requirements
- Define illumination requirements for a given job based on the classification of location
- 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 25-question written exam. 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

Level 2 and Level 3 certified coating inspectors with experience working on job sites with hazardous paint removal. Taking this course without having any inspection experience only provides a person with basic knowledge of inspecting containment.



DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

INDUSTRIAL COATINGS SAFETY MANAGEMENT TRAINING



Level: Basic



Duration: 3 Days / 24 Hours, Includes Course Exam



Class Time: 8:00 AM - 5:00 PM

Cost: Member \$750, Non-Member \$850

Credits: 2.4 CEUs

Certification Term: N/A

Prerequisites: No



Course Description

This three-day Instructor-Led Training (ILT) will provide participants with knowledge and skills necessary to manage a safety and health program in industrial coating operations. This course will be delivered in 17 units featuring lecture, participant engagement exercises and workshops.

Course Content

- Chemicals Encountered in Industrial Painting
- Harmful Effects of Toxic and Hazardous Substances
- Controlling Exposures and Recognizing Job Site Hazards
- Working Safely
- Role of the Coatings Contractor Safety Officer
- Risk Management and Insurance

Benefits of Attending

After attending this course you will be better able to:

- Describe the role of the Safety Director/Manager in industrial coating operations
- Explain the difference between a contractor's Corporate Safety Manual and a job-specific Safety Plan
- Recognize, evaluate and control hazardous chemicals in industrial coating operations
- Recognize, evaluate and control occupational hazards in industrial coating operations
- Complete a Job Hazard Analysis for typical industrial coating operations
- Analyze accident reports and the implementation of prevention methods
- Develop a job-specific Safety Plan that applies the safety and health principals in the contractor's Corporate Safety Manual to a specific industrial coating project
- Explain the implementation of a site-specific safety and health plan by the on-site Competent Person

Course Format

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

A written 50-question, 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 a 70% or better score on the exam.

The class includes a lecture overview of the essential elements of workplace safety combined with workshops.

Who Should Attend

Attendees of this course should consist of individuals responsible for the development, implementation and/or management of an Industrial Painting contractor's Safety and Health Program at both the corporate and site-specific levels. Participants should have a background in Health and Safety, Industrial Hygiene, Civil Engineering, and/or field work supervision. Experience levels of participants should range from entry level students to senior level students.

LEAD/HAZARDOUS COATING REMOVAL



Level: Intermediate



Duration: 4 Days / 32 Hours (Includes Written Exam)



Class Time: 8:00 AM - 5:00 PM

Cost: Member \$995, Non-Member \$1195

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

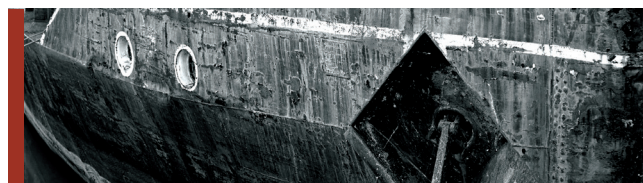
- Hazardous Coatings and Materials in Industrial Painting
- Legal and Liability Issues
- Health Effects of Hazardous Coatings & Materials
- Identification of Hazardous Coatings/Hazardous Materials
- Air, Soil, Water/Sediment, and Dust Regulations and Monitoring Strategies
- Worker Protection from Hazardous 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

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

This course is also available through
SSPC-licensed providers.
See Pages 60 to 61 for contact information.



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.
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 Phill Hall at hall@sspc.org or at 412-281-2331, ext. 2241.

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.

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 -Prerequisites can be found at www.sspc.org in the MarketPlace or under this course description

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.

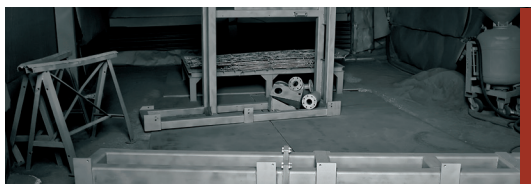
Course Content

- 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



**This course is also available through
SSPC-licensed providers.
See Pages 60 to 61 for contact information.**

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.
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 Phill Hall at hall@sspc.org or at 412-281-2331, ext. 2241.

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.

WORKER

LEAD PAINT WORKER SAFETY



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: See Note below.

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.

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

MPCAC, C14

MARINE PLURAL COMPONENT



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 \$820, Non-Member \$1020



Credits: 0.8 CEUs



Certification Term: 4 Years

Prerequisites: Yes - Prerequisites can be found at www.sspc.org in the MarketPlace or under this course description

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



The "Provide Your Own Training" Program is available for this course. See Page 66.

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 D4228 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

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 412.281.7772, ext. 2201 or palmieri@sspc.org.

NAVIGATING NAVSEA STANDARD ITEM 009-32



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: 0.7 CEUs

Certification Term: N/A

Prerequisites: No



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.

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

NAVSEA BASIC PAINT INSPECTOR



Level: Advanced



Duration: 5 Days / 40 Hours (Includes Written Exam)



Class Time: 8:00 AM - 5:00 PM



Cost: Member \$1295, Non-Member \$1495



Credits: 4.0 CEUs



Certification Term: 4 Years

Prerequisites: Yes -Prerequisites can be found at www.sspc.org in the MarketPlace or 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 overhangs, 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



DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

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 \$1020, Non-Member \$1220
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

This course is also available through
SSPC-licensed providers.
See Pages 60 to 61 for contact information.

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.



PLURAL COMPONENT APPLICATION FOR POLYUREA & HIGH SOLIDS COATINGS



TRAINING

Level: Basic



Duration: 2 Days / 16 Hours (Includes Written Exam and Hands-on Workshop)



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 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 Touch-up 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



CERTIFICATION

Level: Advanced



Duration: 3 Days / 24 Hours (Includes Written Exam and Hands-on Skill Assessment)



Class Time: 8:00 AM - 5:00 PM



Cost: Member \$995, Non-Member \$1195

Credits: 1.5 CEUs

Certification Term: 5 Years

Prerequisites: Yes -Prerequisites can be found at www.sspc.org in the MarketPlace or under this course description

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 and CEUs 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.

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

PRO MGMT

PROJECT MANAGEMENT FOR THE INDUSTRIAL PAINTING CONTRACTOR



Level: Basic



Duration: 2 Days / 16 Hours (Includes Multi-Part 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 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 21) and Quality Control Supervisor (QCS) (page 43) are strongly recommended as a prerequisite for anyone taking this course.

PCI L1 & L2

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 in the
MarketPlace or 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

**This course is also available through
SSPC-licensed providers.
See Pages 60 to 61 for contact information.**

Level 1:

Duration: 5 Days / 45 Hours (Includes Written Exam)

Cost: Member \$1095, Non-Member \$1295

Prerequisites: No

Level 1 and 2:

Duration: 6 Days / 50 Hours (Includes Written and Certification Exam)

Cost: Member \$1495, Non-Member \$1695

Prerequisites: Yes

Course Exam Only:

Duration: Half Day / 4 Hours

Cost: Member \$250, Non-Member \$450

Certification Exam Only:

Duration: Half Day / 6 Hours

Cost: Member \$450, Non-Member \$650

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
- Describe methods used to evaluate coating performance prior to full scale 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

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.

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 in the MarketPlace or 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 pre construction 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

This course is also available through
SSPC-licensed providers.
See Pages 60 to 61 for contact information.

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:

Each candidate receives five essay questions to answer. Each essay 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/PCI Level-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, and American Bureau of Shipping (ABS) as equivalent to NACE Coating Inspector Level 2 and FROSIO Inspector Level III.



RINA



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 in the MarketPlace or under this course description

This course is also available through
SSPC-licensed providers.
See Pages 60 to 61 for contact information.

Certification 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

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:

| | Work Experience | Education | C1 | C2 |
|-----------------|------------------------------|-------------------------------|--------------|--------------------|
| OPTION A | 5 years coatings experience | Bachelor's degree | C1 Exam Only | C2 Course and Exam |
| OPTION B | 7 years coatings experience | Associate's degree | C1 Exam Only | C2 Course and Exam |
| OPTION C | 10 years coatings experience | High school graduation or GED | C1 Exam Only | C2 Course and Exam |
| OPTION D | 15 years coatings experience | n/a | n/a | C2 Exam Only |

- 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 412.281.7772, ext. 2201 to make an appointment.

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

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

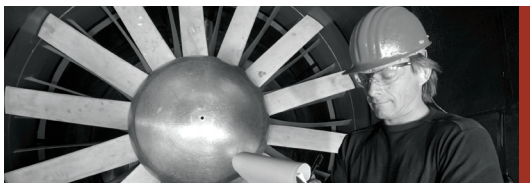
Prerequisites: No

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.

The PCI Exam Consists of:

Each candidate selects five essay questions to answer. Each essay is worth 20 points.

Exercise and Workshop Topics

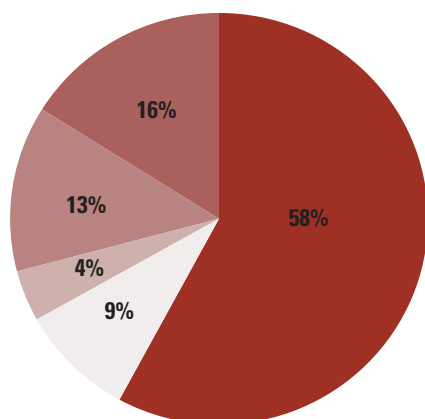
- Interpreting project specification and product data sheet information
- Developing a work plan
- Developing an inspection plan
- Reviewing inspection reports

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).

NUMBERS AT A GLANCE

Reflected below are some statistics gathered on the rise and demographics of SSPC's certifications and training courses.

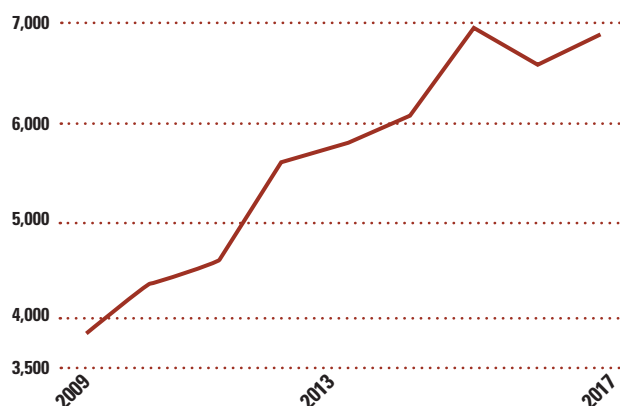


TRAINEES BY PRIMARY BUSINESS

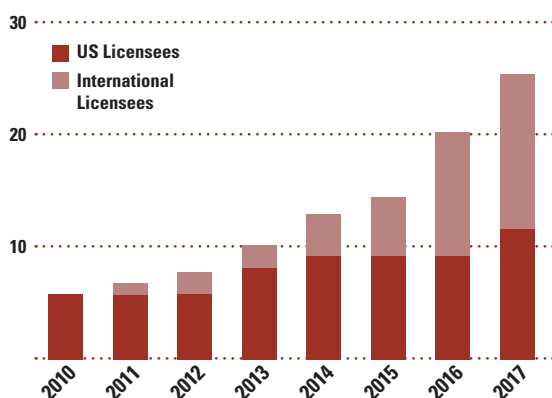
- Coating Contractor**
- Ship Yard**
- Manufacturer**
- Facility Owner**
- Other**
(Academic/Educational Organizations, Architect/Engineer/Consultant, Fabricator, Government Regulatory Agency/Research, Dealer/Distributor/Store, Design/Build, Other)

14618 STUDENTS
CURRENTLY HOLD AN
SSPC CERTIFICATION

TOTAL NUMBER OF CANDIDATES TRAINED & CERTIFIED PER YEAR



TOTAL NUMBER OF LICENSEES PER YEAR



131 TOTAL SSPC
COURSES HELD
OUTSIDE THE US

*All of the information presented above is current as of December 2017, gathered from the SSPC member database and training records.

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 \$820, Non-Member \$1020



Credits: 0.08 CEUs

Certification Term: 5 Years

Prerequisites: Yes - Prerequisites can be found at www.sspc.org in the MarketPlace or 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

The "Provide Your Own Training" Program is available for this course. See Page 66.

This course is also available through SSPC-licensed providers.

See Pages 60 to 61 for contact information.

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 D4228 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.

SURFACE PREPARATION & PAINT APPLICATION FOR POWER TOOL CLEANING OPERATORS & BRUSH ROLL PAINT APPLICATORS



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 \$595, Non-Member \$795



Credits: 0.7 CEUs

Certification Term: 5 years

Prerequisites: Yes -Prerequisites can be found at www.sspc.org in the MarketPlace or under this course description

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. Each student must also submit a prerequisite form showing a minimum of 150 documented hours hand & power tool cleaning and brush & roll coating application in an industrial or marine environment prior to qualifying.

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.

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

SHIPBOARD

SURFACE PREPARATION & 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
- 25-question multiple-choice, closed-book written exam
- Hands on workshop on Hand & Power Tool and Brush & Roll Application

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%.

Who Should Attend

Personnel who must learn the proper hand and power tool surface preparation methods and brush and roller coating application methods for ships.

THERMAL APP

THERMAL SPRAY APPLICATOR 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

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

- Unit 1 Thermal Spray Process Overview
- Unit 2 Arc Spray Safety and Equipment Components (or Flame Spray)
- Unit 3 Overview of SSPC CS-23/AWS C2.23M/NACE No.12
- Unit 4 Surface Preparation Requirements
- Unit 5 Operating Parameters and Quality Control

Benefits of Attending

After attending this course you will be able to:

- Describe thermal spray coating (TSC) and its application and uses.
- Recognize the three types of arc spray equipment and describe their components and the safety considerations required during operation.
- Recognize the key items covered by SSPC CS-23/AWS C2.23M/NACE No.12 Specification for Application of Thermal Spray Coatings (Metallizing) of Aluminum, Zinc and their Alloys and Composites for the Corrosion Protection of Steel.



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 Sara Badami at badami@sspc.org for an onsite proposal.



Credits: 0.8 CEUs



Certification Term: 5 Years

Prerequisites: Yes -Prerequisites can be found at www.sspc.org in the MarketPlace or under this course description

Course Format - Overview of Fundamentals (Classroom Session)

The classroom session consists of an 8-hour lecture and is supplemented by workshops in which students use SSPC CS-23/AWS C2.23M/NACE No.12, measure compressed air cleanliness, abrasive cleanliness, soluble salts, profile height, ambient conditions, and dry film thickness and complete a bend test.

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 D4228 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

THERMAL INSP

THERMAL SPRAY INSPECTOR TRAINING



Level: Intermediate



Duration: 1 Day / 8 Hours, Includes Course 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 - Prerequisites can be found at www.sspc.org in the MarketPlace or under this course description

Course Description

This program covers the inspection of thermal spray from pre-surface preparation through coating application.

Course Content

- Thermal Spray Process Overview
- The Inspector's Role
- Inspection Hold Points
- Thermal Spray Inspection Procedures
- Inspecting Surface Preparation
- Inspecting Applied TSC
- Thermal Spray Safety

Benefits of Attending

After attending this course you will be able to:

- Recognize and describe the proper role of the inspector
- Recognize common inspection hold points and quality control procedures for thermal spray inspection
- Implement and follow correct thermal spray inspection procedures for surface preparation and application

Prerequisites

Students wishing to get a certification of completion for the Thermal Spray Inspector course must pass the written exam. Prior to attending the Thermal Spray Inspector program, all individuals must provide adequate information showing that they meet the minimum requirements as set forth in the prerequisite form. If SSPC is unable to verify the accuracy of any information reported on this form, it may result in the rejection of your application.

The student must have taken and passed one of the following coating inspection programs:

- | | |
|-------------------|-------------------|
| -SSPC PCI Level 1 | -NACE CIP Level 1 |
| -SSPC BCI Level 1 | -Frosio Level 1 |
| -SSPC NBPI | |

Course Format

The classroom session consists of an 8-hour lecture and is supplemented by workshops in which students learn how to navigate the NAVSEA Standard Item on thermal spray and a DOT specification and complete a four-station exercise of common thermal spray inspection tests, including profile, film thickness, tensile pull-off, and mandrel bend test.

Who Should Attend

- Project supervisors
- Inspectors involved in NAVSEA and DOT thermal spray projects



TRAINTHEPAINTER

Course Description

The SSPC Trainthepainter Program has 76 Coating Application, 25 Abrasive Blast Cleaning, and 15 Spray Painter lecture modules. The program also has 39 step-by-step hands on workshops, equating to approximately 80 hours of training material. These training modules map to our certification level exams. This includes CAS (level 1 and 2), C6, C7, and C12.

Course Content

- Module 1 & 2: Applicator Module- 40 hours (5 days) including Health and Safety, Access Plant & Equipment, Surface Preparation, Coating Types, Coating Application, and Quality Control.
- Module 3: Abrasive Blaster Module- 24 hours (3 days) including Introduction to Blasting, Health & Safety, Blast Media, Standards & Quality Control, Operational Procedures, and Process Control.
- Module 4: Spray Painter Module- 16 hours (2 days) including Introduction to Spray Painting, Health & Safety, Paint Materials, Airless Spray Equipment, Conventional Spray, and Plural Component Spray.

Benefits of Attending

- Meets QP standard for formal internal training
- Meets SSPC ACS-1 standard
- Written by industry experts
- Material can be accessed online and offline via the training app
- Real time updating of the curriculum to keep up with all industry changes
- Internationally recognized
- Available in 9+ languages
- Flexible training to fit your schedule

How to Register


Company


If you are a company and need multiple people trained, it is best to become a registered company.

Individual

If you are an individual, you need to contact one of the affiliate organizations for their scheduling and pricing.

Trainthepainter Affiliate Companies:

 Centro de Treinamento e Qualificação Fernando Fragata LTDA
Thomas Fink
 (346) 331-6200
 thomasf@technofink.com
 Brazil

 College of the North Atlantic
Vanessa Tobin
 (709) 891-5606
 Vanessa.tobin@cna.nl.ca
 Canada

 CPT Europe BV
Serviel Smolders
 +31 (61) 897-1471
 servieljr@smoldersso.nl
 Netherlands

 International Finishing Trades Institute
John Burcaw
 (410) 564-5850
 jburcaw@iupat.org
 United States



Naval and Industrial Solutions, S.A.
Juan Caballero
 (507) 399-3406
 juan.caballero@nispanama.com
 Panama, Colombia



MacLeod Coating Inspection Services
Scott Menzies
 (905) 546-6247
 scott@thecoatinginspector.ca
 Canada



Rader Coating Technologies
Dejin Feng
 +86 (213) 431-3545
 marsfeng@coatingsquare.com
 China



University of Akron
Chris Gatian
 (330) 972-6728
 cjg105@uakron.edu
 United States



Supplementary Course Modules:

- **Metallic Coatings**
- **Intumescent Coatings**
- **Concrete**
- **Environmental**
- **Coating Failure**
- **Management and Supervision**
- **Offshore and Marine**
- **Specialty Units**
- **Visual Standards**

Program Options

Registered Company:

Contractors involved in shop and field surface preparation and coating application. With an approved trainer, a contractor is able to deliver the training in-house to their employees.

Affiliate Organization:

These organizations are typically training providers who conduct education and assessment for other companies and individuals.

TRAIN THE TRAINER



Level: Advanced



Duration: 2 Days (16 Hours)



Includes: Lecture, and presentation assessment

Class Time: 8:00 AM - 5:00 PM

Cost: \$1,700 for up to 3
(\$400 for each additional trainer)

Prerequisites: Yes -Prerequisites can be found at www.sspc.org in the MarketPlace or under this course description

Course Description

A two-day training class centered around conveying knowledge, adult learning, and more in addition to how to navigate the Trainthepainter portal. This program is a required for Trainthepainter trainers.

How to Register

Please contact Jennifer Buzzatto to register for a Train the Trainer course.*

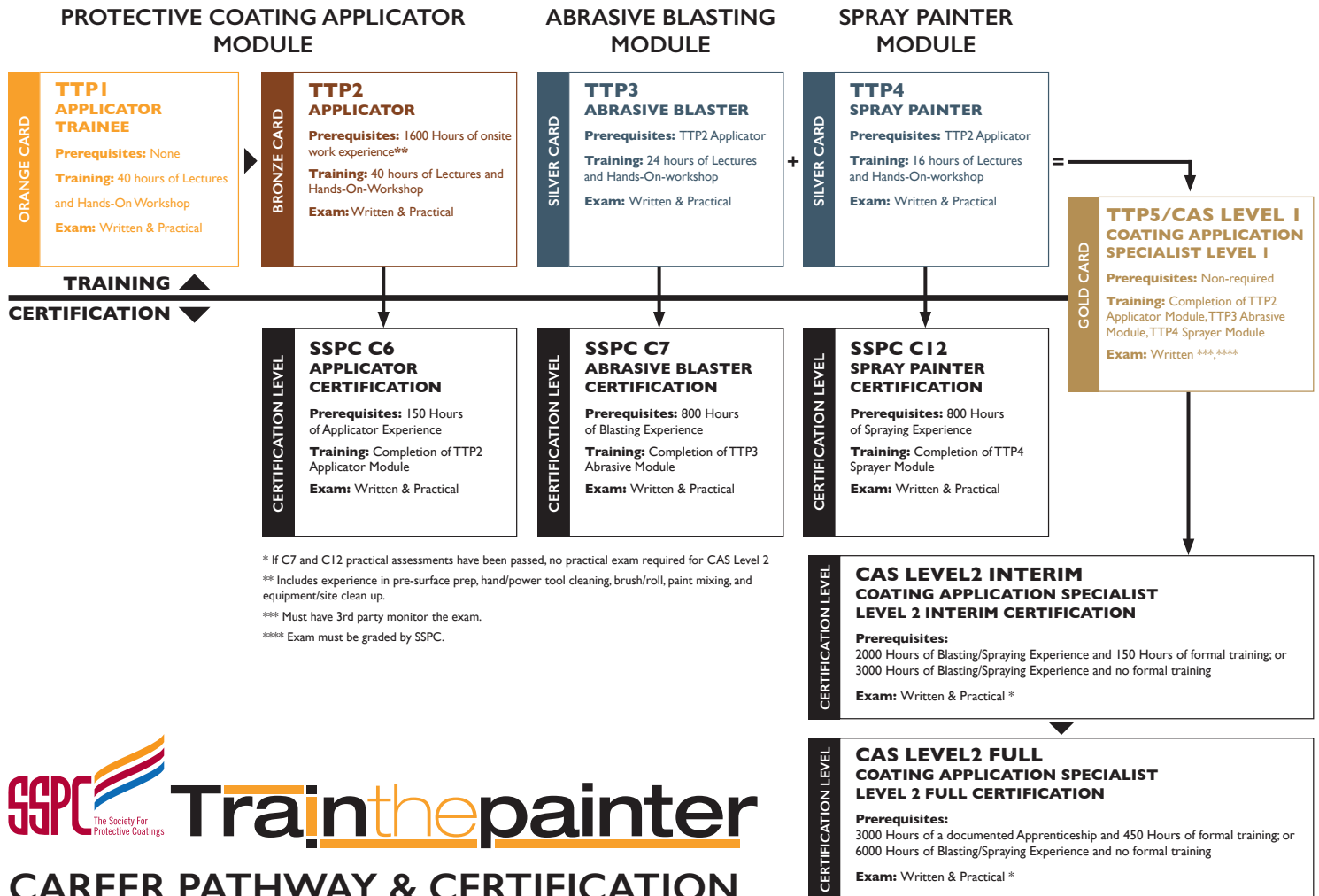


Phone: (412) 281-2331 ext: 2222



Email: buzzatto@sspc.org

**Application(s) must be approved for Trainthepainter prior to taking TTT.



Trainthepainter

CAREER PATHWAY & CERTIFICATION

PA 2

USING SSPC-PA 2 EFFECTIVELY



Level: Intermediate



Duration: Half-Day / 6 Hours (Includes Exam)



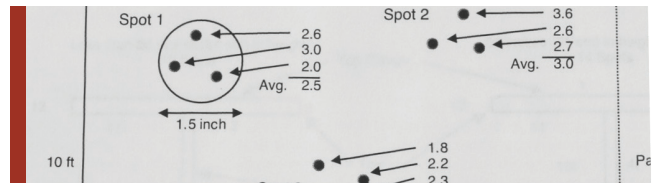
Class Time: 8:00 AM - 2:00 PM

Cost: Member \$250, Non-Member \$350

Credits: 0.5 CEUs

Certification Term: N/A

Prerequisites: No



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 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.

DoD Funded Training

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, and Air Force personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

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 \$820, Non-Member \$1020



Credits: 0.6 CEUs



Certification Term: 5 Years

Prerequisites: Yes -Prerequisites can be found at www.sspc.org in the MarketPlace or 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 Waterjet 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
- Using SSPC-VIS 4/NACE-VIS 7, determine the initial condition of a surface and assess the level of cleanliness
- Using SSPC/NACE Waterjet Standard levels, demonstrate ability to achieve the level of waterjet cleanliness required for a given job

The "Provide Your Own Training" Program is available for this course. See Page 66.



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.

TESTIMONIALS

SEE WHAT OUR STUDENTS ARE SAYING ABOUT OUR TRAINING AND CERTIFICATION COURSES



★★★★★

Lead/Hazardous Coatings Removal (C3)
Tarpon, FL, USA



The instructor was very helpful and took extra time to answer any questions we had. She incorporated real work experience with explanations during class discussions to help explain the topic further to make sure that every student understands completely.

- Michael M.



★★★★★

Coating Application Specialist (CAS)
Houston, TX, USA



Came out of this session knowing a lot more than I knew before. He (the instructor) really went in depth on each and every topic with the time allotted!

- Stedman G.



★★★★★

Fundamentals of Protective Coatings (C1)
Fort McMurray, Alberta, Canada



Fantastic experience learning about a new trade, very knowledgeable instructor, very thorough and precise with terminology and the trade lingo!

- Alex U.



★★★★★

Bridge Coatings Inspector (BCI)
Fort Lauderdale, FL, USA



The instructor was outstanding for not having taught this course before. His delivery was smooth and engaged well with all the students. His personality and knowledge of the subject matter makes him an asset to SSPC as a representative and potential Lead Instructor.

- Kevin S



★★★★★

Spray Application Certification (C12)
Norfolk, VA, USA



The instructor was always on time, the course was very hands-on, and the instructor explained situations and the components used for C12 thoroughly.

- Robert L.



★★★★★

Lead/Hazardous Coatings Removal (C3)
Victoria, British Columbia, Canada



Good and informative instructor. Kept things moving and was interesting. Had good control of class. Clearly experienced.

- David C.

*All testimonials are reflections of SSPC and were provided by students during their course evaluations. Their responses are candid and reflect opinions about the courses, their instructors, and SSPC as an organization.

TRAINING PROGRAM CATEGORIES

Surface Preparation & Coatings Application

- Abrasive Blasting Program (C7)
- Aerospace Coating Application Specialist Certification Program (ACAS)
- Aerospace Engineer Coating Application Training (AERO ENG)
- Aerospace Maintainer Coating Application Training (AERO MAIN)
- 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)
- Concrete Coating Application Specialist (CCAS)
- Floor Coating Basics (C10)
- Fireproofing Applicator (FIRE APP)
- Ground Vehicle Corrosion/Protective Coatings Course (GROUND VEH)
- 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 Applicator (THERMAL APP)
- 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

- Aerospace Engineer Coating Application Training (AERO ENG)
- 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)
- Fireproofing Inspector Online (FIRE INSP)
- Fundamentals of Coating Application and Inspection (CTG APP+INSP)
- Inspecting Containment (CONTAIN)
- Master Coatings Inspector Certificate (MCI)
- NAVSEA Basic Paint Inspector (NBPI)
- Navigating NAVSEA Standard Item 009-32 (009-32)
- Protective Coatings Inspector Program (PCI)
- Thermal Spray Inspector Training (THERMAL INSP)
- Using SSPC-PA 2 Effectively (PA 2)

Marine/Navv

- Abrasive Blasting Program (C7) (009-32 Requirement)
- Coast Guard Basic Paint Inspector Course (COAST GUARD)
- 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)
- Thermal Spray Inspector Training (THERMAL INSP)
- Using SSPC-PA 2 Effectively (PA 2)
- Waterjetting Program (C13) (009-32 Requirement)

Coating Concrete

- Concrete Coating Basics (CCB)
- Concrete Coating Application Specialist (CCAS)
- Concrete Coating Inspector Program (CCI)
- 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) in person or as an eCourse
- Inspecting Containment (CONTAIN)
- Industrial Coating Safety Management Training (SAFETY)
- Lead/Hazardous Coatings Removal (C3)
- Lead/Hazardous Coatings Removal Refresher (C5)
- Lead Paint Worker Safety (WORKER)
- 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) in person or as an eCourse

Online Training/E-Learning

- Basics of Steel Surface Preparation (BSSP)
- Fireproofing Inspector (FIRE INSP)
- Fundamentals of Coating Application and Inspection (CTG APP INSP)
- Fundamentals of Protective Coatings (C1)
- Planning and Specifying Industrial Coatings Projects (C2)
- Quality Control Supervisor (QCS)
- Webinars

*new eCourses arriving in 2019, visit www.sspc.org to find out more



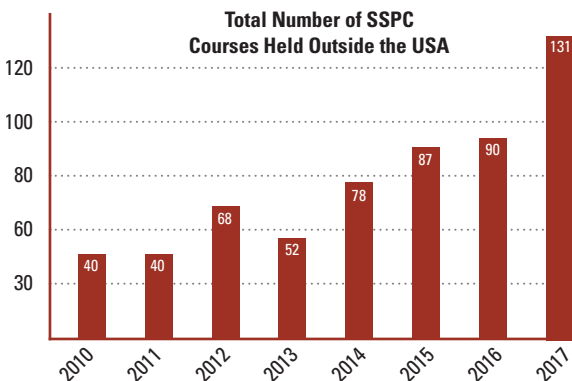
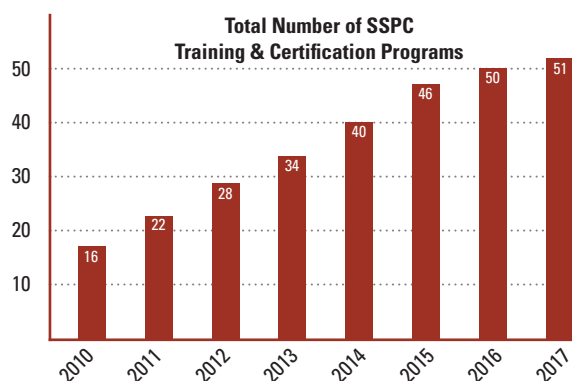
Department of Defense/DoD Training

SSPC Training/Certification tuition is covered 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 412.281.7772, 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/.

A LOOK AT THE NUMBERS

You asked and we're delivering. SSPC is meeting industry demand by developing programs that professionals want and need to stay ahead.



ECOURSES

GENERAL ECOURSE INFORMATION



Note

To use your flexible benefits points to take the online course for free, call Silvia Palmieri at 412.281.7772, ext. 2201 or palmieri@sspc.org to confirm that you have points available.

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 quizzes and workshops, students receive instant feedback to aid in the learning process. 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 can be taken any time throughout the year. Each semester is 16 weeks (4 months). Students can work at their own pace over the 16-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.

ECOURSES COMING IN 2019

BRIDGE MAINTENANCE (BRIDGE)

Conducting Coating Assessments (BRIDGE)- 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.

DEVELOPING AN EFFECTIVE COATING SPECIFICATION (DEV CTG SPEC)

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

INSPECTION PLANNING AND DOCUMENTATION (INSPEC PLAN)

This course is designed to help coating inspectors learn how to plan inspections effectively before the work starts and accurately document results of tests and inspections conducted after work begins.

MARINE COATINGS (MARINE)

This course 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.

SELECTION OF COATINGS

The course offers guidance on how to accurately specify and select a coating for a specific substrate (i.e., steel, concrete, non-ferrous), structure, and environment. It defines the primary functions of a coating, the types of substrates that are painted, and the demands of the environment.

NATURAL AND ACCELERATED WEATHERING OF COATINGS (WEATHER)

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.

PIPELINE COATING INSPECTOR

The training material covers all aspects of surface preparation and application of corrosion protection coating systems to steel pipelines. The program covers basic corrosion and cathodic protection, pipeline inspector's duties, fusion bonded epoxy coatings and miscellaneous pipeline coatings.

If you would like one of these courses brought to your facility, instead of taking them online, please contact Jennifer Merck at merck@sspc.org.

ECOURSES OFFERED

BASICS OF STEEL SURFACE PREPARATION (BSSP)



Duration: 16-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.

FUNDAMENTALS OF PROTECTIVE COATINGS (C1)



Duration: 16-Week Semester (Includes Course and Exam)

Costs: Member \$845 • Non-Member \$1045 • 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: 16-Week Semester (Includes Course and Exam)

Costs: Member \$845 • Non-Member \$1045 • 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.

QUALITY CONTROL SUPERVISOR (QCS)



Duration: 16-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.

OTHER ECOURSES IN THIS BROCHURE

19

Concrete Coating
Basics Online (CCB)



23

Fireproofing
Inspector Online
(FIRE INSP)



25

Fundamentals of
Coating Application
& Inspection Online
(CTG APP INSP)



WEBINARS & FAQs

SSPC WEBINARS

Description

The Webinar Series presented by SSPC is available 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.

Registration

Register at www.sspc.org/trn-webinars

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 <http://www.sspc.org/Marketplace/Training/Online-Exams-Only> to register for the webinar exam.

For further information please contact Silvia Palmieri at palmieri@sspc.org or 412.281.7772, 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 412.281.7772, 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

HOW WILL THESE COURSES HELP ME?

In a couple of ways. First of all, SSPC's courses will enhance your overall coatings knowledge and help you do your job better. Second, when you get involved with SSPC, you're tapping into a vast network of knowledge that expands exponentially every year. Our members represent such a broad cross-section of industry that if there is an answer you need to a coatings question, we'll find it.

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 412.281.7772, 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 (MARINE) (15 Points)
- Quality Control Supervisor eCourse (QCS) (6 Points)
- Basics of Steel Surface Preparation eCourse (3 Points)

For information on SSPC Membership, please contact SSPC at 412.281.7772, customerservice@sspc.org or visit: www.sspc.org/individual

To redeem your flexible benefits points for training, please contact Training Customer Service at 412.281.7772, ext. 2241 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 | • Indonesia | • Peru |
| • Belgium | • Japan | • Singapore |
| • China | • Malaysia | • Taiwan |
| • Columbia | • Mexico | • Thailand |
| • Ecuador | • Nigeria | • Turkey |
| • Egypt | • Panama | • United Arab Emirates |
| • India | • Philippines | • Vietnam |

For more information, please contact Jennifer Merck at 412.281.7772, 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 412.281.7772, 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 webinar quiz or workshop, students receive instant feedback to aid in the learning process.

HOW OFTEN ARE THE ECOURSES OFFERED?

eCourses can be taken at anytime throughout the year. Each semester is 16 weeks (4 months). Students can work at their own pace over the 16-week period to complete the units, workshops, and quizzes. The final exam is also completed online.

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 412.281.7772, 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
- Provide coffee or refreshments for the students
- Help promote the event

SSPC will:

- Provide 1 Set of Course Materials
- Provide 1 Set of the Power Point
- Grade Exams
- Generate and Issue Certificates/CEUs
- Take all of the registrations
- Provide instructors for the courses

DOES SSPC HAVE ANY FREE FUNDING TO REGISTER FOR YOUR TRAINING PROGRAMS?

Yes we do. We have funding through:


- DoD
- Veterans
- Scholarships

Please contact Jennifer Merck at 412. 281.7772, ext. 2221 or merck@sspc.org.

HOW CAN I RETAKE AN EXAM?

Please contact Phil Hall to schedule a retake at 412.281.7772, ext. 2241 or hall@sspc.org.

Written Exam Retake Fee: \$100 member; \$200 non-member
Inspection Plan Exam Retake Fee: \$100 member; \$200 non-member
Practical Exam Retake Fee: \$200 member; \$300 non-member.

 *NOTE: Students only have one calendar year from the date they take the exam to complete a retake before being required to take course over again.*

HOW CAN I TAKE ADVANTAGE OF THE DOD FUNDING?

Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, Air Force, Marines, and Coast Guard personnel in SSPC Training and Certification Programs. For more information on attending the courses for free, please contact Jennifer Merck at 412.281.7772, ext. 2221 or merck@sspc.org or visit our website at: www.sspc.org/DoD_Training/.

HOW DO I FIND OUT WHO IS CURRENTLY CERTIFIED IN EACH OF YOUR CERTIFICATION PROGRAMS?

There is a search function on the SSPC website to find certified coatings professionals, certified contractors, individual members, and/or corporate members. Go to www.sspc.org. The search is on the right side.

TRAINING LICENSEES

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

☎ 1.412.841.7260
✉ abkaelin@comcast.net

Lloyd Smith, GPI

☎ 1.410.880.3055
✉ lloydsmith@gpinet.com

Jared Rigo, HRV Conformance Verification Associates Inc.

☎ 1.412.299.2000
✉ jrigo@hrvinc.com

Adam McGreevy, J.S. Held LLC

☎ 1.718.268.6314
✉ amcgreevy@jsheld.com

Chris Lovelace, The Lovelace Group

☎ 1.678.764.8963
✉ chris@thelovelacegroup.com

Mitch Blum, MB Safety Consulting

☎ 1.716.902.4253
✉ mbsafety101@gmail.com

North America (USA)

Course: C5

Maureen Campbell, Campbell Consulting Services, Inc.

☎ 1.631.775.7465
✉ wc2001@hotmail.com

North America (USA, CAN, MEX)

Courses: C1, C2, C3, C5, C7, C12, C14, CAS, Plural, QCS, and Lead Worker

Anton Ruesing, Finishing Trades Institute

☎ 1.410.564.5850
✉ aruesing@iupat.org

North America (CAN)

Courses: C7, C12, and Plural

John Mandarinino, LiUNA Canadian Tri-Fund

☎ 1.289.291.3768
✉ jmandarino@tri-fund.org

North America (USA)

Courses: C1 and CCB

Cory Brown, Tnemec Company, Inc.

☎ 1.816.326.4263
✉ brown@tnemec.com

North America (USA)

Courses: C1 and C2

Chris Ewals, LINE-X LLC

☎ 1.256.426.4486
✉ CEwals@linexmail.com

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 CEUs (Continuing Education Units). 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

☎ 412-281-7772 ext. 2221
✉ merck@sspc.org

INTERNATIONAL LICENSEES

| Licensee Name | Licensee Contact/Email | Licensee Phone/Fax | Course | Location of Training |
|--|--|--|---------------------|--|
| Alfa Egypt Academy | Mohamed Elhamalawi m.hamalawi@gmail.com | P: +20226634498 F: +20226634497 | PCI | Egypt |
| Australasian Corrosion Association Inc. | Skye Russell srussell@corrosion.com.au | P: +61398904833 F: +61398907866 | CCI | Australia and New Zealand |
| Bertlunik Engineering Company Limited | Anoruo Maureen Chidinma bertlunikengineering@yahoo.com | P: +234-803-078-2705 | PCI | Nigeria |
| BlastOne International | Niall Collins Niall.collins@blastone.com | P: +61439095717 | C6, C7 and C12 | Australia |
| CDV Industrial EIRL | Cintia De los Santos inspecciones@cdvindustrial.com | P: +51999035130 F: +5113354016 | PCI | Peru |
| Global Insignia For Technical Services | Mohamed Afraz afraz@estagamah.com | P: +966138341621 F: +966138746484 | C7, C12 and PCI | Saudi Arabia |
| Harvish Technical Services | Venkatesan Ramanan ahv999@yahoo.com or harvishts@gmail.com | P: +919176618930 | PCI | India |
| IMM: Institute of Materials Malaysia | Interim Contact: Jennifer Merck merck@sspc.org | P: 412.281.2331, ext 2221 | C6, C7, C12 and CAS | Malaysia |
| Insignia FZE | Pradeep Radhakrishna wgarnet@eim.ae | P: +97148813067 F: +97148813068 | PCI | Burma, Egypt, India, Kyrgyzstan, Libya, Nigeria, Pakistan, Romania, Tunisia, Turkey, UAE and Vietnam |
| In-Spec | Patrick Tan patrick@inspec.com.sg | P: +0116567388446 F: +0116596347429 | C7 and C12 | Southeast Asia |
| Naval and Industrial Solutions S.A. | Juan Caballero info@nainso.com | Colombia P: +57 310 753-0846 F: + 57 451-0946 Panamá P: + 507 6781-6070 F: + 507 220-1813 | PCI | Panama and Columbia |
| Quality Control Co. | Mohsen Hassanein mohsen.hassanein@qualitycontrol-egypt.com or mohsen.hassanein@hirondeleq.fr | P: +20233456809 F: +20233456037 | PCI | Bahrain, Egypt and Italy |
| Rader Coating Technology (Shanghai) Co., Ltd | Dejin Feng marsfeng@coatingsquare.com | P: +86-21-34313562 F: +86-21-34313545 | PCI | China |
| Scicon Worldwide | Gunnar Ackx ga@sciconworldwide.com | P: +0113250687051 F: +0113250687052 | C1, C2, PCI and PCS | Belgium |
| STMCOATECH | Seda Omercikoglu sedaomercikoglu@gmail.com or info@stmcoatech.com | P: +905347451980 | PCI | Turkey, Azerbaijan, Turkmenistan, Kazakhstan, Sudan, Kuwait, Iraq, Oman, Russia, Ukraine, Romania, Qatar, Algeria, and Georgia |

MOBILE TRAINING UNIT



THE SSPC MOBILE TRAINING UNIT

On-Site Abrasive Blasting and Coating Application Training.

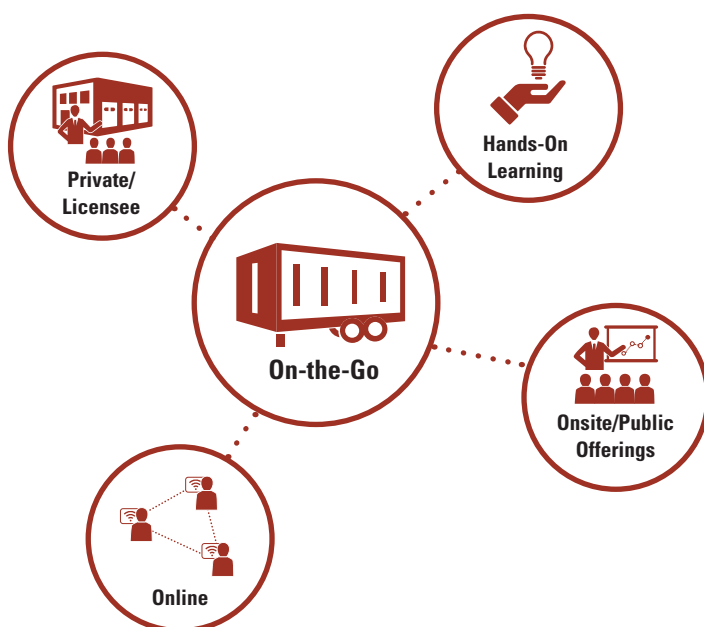
Designed to bring the coating equipment needed for blasting and spraying, the Mobile Training Unit allows our courses to reach new audiences.

Visit www.sspc.org to learn more about the unit and see how it can be of service to you and/or your company.



(Above) The inside of the Mobile Training Unit, taken at the SSPC 2018 show.

JUST ONE MORE WAY SSPC IS DESIGNING TRAINING COURSES TO FIT YOUR NEEDS



(Above) Some members of the SSPC team and the Mobile Training Unit
From left to right - Row 1: Cheryl Donovan, Brent Miller, Troy Eisenhauer, Don Molinari, Nathan Wyman, Michael Kline, Greg Muha, Bree McCullough, Joe Berish, Phil Hall Row 2: Dustin Young, Anne McHenry, Silvia Palmieri, Monica Pierce, Bernie Nothum, Christine Lajzo, Terry Sowers, Jennifer Merck, Sara Badami, Jessica Miller, Melissa Pinolini Row 3: Gina Merico, Morgan Stamm, Jennifer Buzzatto, Dee Boyle

2019 TRAINING SCHEDULE

Abrasive Blasting Program (C7)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|---|----------------------|
| 1/7/19 | 1/8/19 | 12/17/18 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 1/12/19 | 1/13/19 | 12/22/18 | SSPC Hampton Roads Chapter at Colonnas Shipyard | Norfolk, VA USA |
| 1/28/19 | 1/29/19 | 1/7/19 | Vigor Industrial LLC | Portland, OR USA |
| 2/11/19 | 2/12/19 | 1/21/19 | Vigor Industrial LLC | Ketchikan, AK USA |
| 2/11/19 | 2/12/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 2/18/19 | 2/19/19 | 1/28/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 2/18/19 | 2/19/19 | 1/28/19 | BrandSafway | La Porte, TX USA |
| 2/25/19 | 2/26/19 | 2/4/19 | Vigor Industrial LLC | Seattle, WA USA |
| 3/18/19 | 3/19/19 | 2/25/19 | BlastOne International | Columbus, OH USA |
| 3/26/19 | 3/27/19 | 3/5/19 | SSPC New England Chapter @ Copia Specialty Contractors, Inc. | Bangor, ME USA |
| 4/10/19 | 4/11/19 | 3/20/19 | BAE Systems Jacksonville Ship Repair, LLC | Jacksonville, FL USA |
| 4/22/19 | 4/23/19 | 4/1/19 | Vigor Industrial LLC | Seattle, WA USA |
| 4/24/19 | 4/25/19 | 4/3/19 | Wagner SprayTech | Plymouth, MN USA |
| 4/26/19 | 4/27/19 | 4/5/19 | SSPC Hampton Roads Chapter at Vanwin Coatings | Chesapeake, VA USA |
| 5/7/19 | 5/8/19 | 4/16/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 5/13/19 | 5/14/19 | 4/22/19 | BrandSafway | La Porte, TX USA |
| 6/10/19 | 6/11/19 | 5/20/19 | Vigor Industrial LLC | Portland, OR USA |
| 6/10/19 | 6/11/19 | 5/20/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 6/17/19 | 6/18/19 | 5/27/19 | Vigor Industrial LLC | Ketchikan, AK USA |
| 7/8/19 | 7/9/19 | 6/17/19 | Wheelblast, Inc. | Zephyrhills, FL USA |
| 7/22/19 | 7/23/19 | 7/1/19 | Vigor Industrial LLC | Seattle, WA USA |
| 9/7/19 | 9/8/19 | 8/17/19 | SSPC Hampton Roads Chapter @ Colonnas Shipyard | Norfolk, VA USA |
| 9/9/19 | 9/10/19 | 8/19/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 9/16/19 | 9/17/19 | 8/26/19 | Vigor Industrial LLC | Portland, OR USA |
| 9/23/19 | 9/24/19 | 9/2/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 9/23/19 | 9/24/19 | 9/2/19 | BrandSafway | La Porte, TX USA |
| 10/21/19 | 10/22/19 | 9/30/19 | Wheelblast, Inc. | Zephyrhills, FL USA |
| 11/4/19 | 11/5/19 | 10/14/19 | BlastOne International | Columbus, OH USA |
| 11/11/19 | 11/12/19 | 10/21/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 11/18/19 | 11/19/19 | 10/28/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 11/20/19 | 11/21/19 | 10/30/19 | SSPC Southern California Chapter @ FTI of DC 36 | Commerce, CA USA |
| 12/9/19 | 12/10/19 | 11/18/19 | BrandSafway | La Porte, TX USA |

Aerospace Coating Application Specialist Certification Program (ACAS)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|------------------------------|---------------------|
| 1/17/19 | 1/18/19 | 12/27/18 | SSPC Headquarters | Pittsburgh, PA USA |
| 4/11/19 | 4/12/19 | 3/21/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 9/12/19 | 9/13/19 | 8/22/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 9/12/19 | 9/13/19 | 8/22/19 | Sponge-Jet, Inc. | Newington, NH USA |
| 12/12/19 | 12/13/19 | 11/21/19 | Kern Steel Fabrication, Inc. | Bakersfield, CA USA |

Aerospace Engineer Coating Application Training (AERO ENG)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|------------------------------|---------------------|
| 1/8/19 | 1/11/19 | 12/18/18 | SSPC Headquarters | Pittsburgh, PA USA |
| 2/9/19 | 2/12/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 2/12/19 | 2/15/19 | 1/22/19 | Sponge-Jet, Inc. | Newington, NH USA |
| 3/12/19 | 3/15/19 | 2/19/19 | Kern Steel Fabrication, Inc. | Bakersfield, CA USA |
| 9/17/19 | 9/20/19 | 8/27/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 12/16/19 | 12/19/19 | 11/25/19 | SSPC Headquarters | Pittsburgh, PA USA |

Aerospace Maintainer Coating Application Training (AERO MAIN)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|------------------------------|---------------------|
| 1/14/19 | 1/16/19 | 12/24/18 | SSPC Headquarters | Pittsburgh, PA USA |
| 2/9/19 | 2/11/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 4/8/19 | 4/10/19 | 3/18/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 9/9/19 | 9/11/19 | 8/19/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 9/9/19 | 9/11/19 | 8/19/19 | Sponge-Jet, Inc. | Newington, NH USA |
| 12/9/19 | 12/11/19 | 11/18/19 | Kern Steel Fabrication, Inc. | Bakersfield, CA USA |

Basics of Estimating Industrial Coatings Projects (EST)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|------------------|
| 2/13/19 | 2/13/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 11/4/19 | 11/4/19 | 10/14/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |

2019 TRAINING SCHEDULE

Bridge Coatings Inspector Program (BCI) - Level 1 and Level 2 *Unless Noted

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|-------------------------|
| 2/10/19 | 2/15/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 4/15/19 | 4/20/19 | 3/25/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 8/26/19 | 8/31/19 | 8/5/19 | SSPC Hosted Training | Fort Lauderdale, FL USA |
| 9/9/19 | 9/13/19 | 8/19/19 | Kentucky Transportation Cabinet (Level 1 Only) | Frankfort, KY USA |
| 10/7/19 | 10/12/19 | 9/16/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 11/4/19 | 11/11/19 | 10/14/19 | Vigor Industrial LLC | Portland, OR USA |
| 11/11/19 | 11/16/19 | 10/21/19 | KTA-Tator, Inc. | St. Petersburg, FL USA |
| 12/9/19 | 12/14/19 | 11/18/19 | SSPC New England Chapter | Newington, NH USA |

Coast Guard Basic Paint Inspector Course (COAST GUARD)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--------------------------|-----------------------|
| 1/14/19 | 1/18/19 | 12/24/18 | Vigor Industrial LLC | Ketchikan, AK USA |
| 2/10/19 | 2/14/19 | 1/18/19 | Sherwin-Williams Company | Norfolk, VA USA |
| 2/10/19 | 2/14/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 4/8/19 | 4/12/19 | 3/18/19 | Sponge-Jet, Inc. | Newington, NH USA |
| 8/12/19 | 8/16/19 | 7/22/19 | Vigor Industrial LLC | Ketchikan, AK USA |
| 9/9/19 | 9/13/19 | 8/19/19 | Metropolitan Solutions | National City, CA USA |

Coating Application Specialist - Refresher (CAS REF)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|----------------------|
| 1/15/19 | 1/15/19 | 12/25/18 | Sponge-Jet, Inc. | Newington, NH USA |
| 2/9/19 | 2/9/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 2/11/19 | 2/11/19 | 1/21/19 | Colonna's Shipyard, Inc. | Norfolk, VA USA |
| 2/18/19 | 2/18/19 | 1/28/19 | BrandSafway | La Porte, TX USA |
| 2/19/19 | 2/19/19 | 1/29/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 2/20/19 | 2/20/19 | 1/30/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 4/10/19 | 4/10/19 | 3/20/19 | Wheelblast, Inc. | Zephyrhills, FL USA |
| 4/29/19 | 4/29/19 | 4/8/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |
| 5/13/19 | 5/13/19 | 4/22/19 | BrandSafway | La Porte, TX USA |
| 5/21/19 | 5/21/19 | 4/30/19 | Regional Training Center | Portland, OR USA |
| 6/12/19 | 6/12/19 | 5/22/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 6/18/19 | 6/18/19 | 5/28/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 6/19/19 | 6/19/19 | 5/29/19 | SSPC Hampton Roads Chapter at Vanwin Coatings | Chesapeake, VA USA |
| 8/20/19 | 8/20/19 | 7/30/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 9/18/19 | 9/18/19 | 8/28/19 | BAE Systems Jacksonville Ship Repair, LLC | Jacksonville, FL USA |
| 9/18/19 | 9/18/19 | 8/28/19 | SSPC Hampton Roads Chapter at Vanwin Coatings | Chesapeake, VA USA |
| 9/23/19 | 9/23/19 | 9/2/19 | BrandSafway | La Porte, TX USA |
| 9/25/19 | 9/25/19 | 9/4/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 9/30/19 | 9/30/19 | 9/9/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |
| 11/13/19 | 11/13/19 | 10/23/19 | Wheelblast, Inc. | Zephyrhills, FL USA |
| 11/20/19 | 11/20/19 | 10/30/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 12/10/19 | 12/10/19 | 11/19/19 | BrandSafway | La Porte, TX USA |
| 12/10/19 | 12/10/19 | 11/19/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 12/11/19 | 12/11/19 | 11/20/19 | ChemQuest | South Boston, VA USA |

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 & 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.

To receive a proposal for an on-site training course, please submit:

- 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.

Coating Application Specialist (CAS) - Level 1

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|----------------------|
| 1/16/19 | 1/16/19 | 12/26/18 | Sponge-Jet, Inc. | Newington, NH USA |
| 2/10/19 | 2/10/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 2/12/19 | 2/12/19 | 1/22/19 | Colonna's Shipyard, Inc. | Norfolk, VA USA |
| 2/19/19 | 2/19/19 | 1/29/19 | BrandSafway | La Porte, TX USA |
| 2/20/19 | 2/20/19 | 1/30/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 2/21/19 | 2/21/19 | 1/31/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 4/11/19 | 4/11/19 | 3/21/19 | Wheelblast, Inc. | Zephyrhills, FL USA |
| 4/30/19 | 4/30/19 | 4/9/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |
| 5/14/19 | 5/14/19 | 4/23/19 | BrandSafway | La Porte, TX USA |
| 5/22/19 | 5/22/19 | 5/1/19 | Regional Training Center | Portland, OR USA |
| 6/13/19 | 6/13/19 | 5/23/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 6/19/19 | 6/19/19 | 5/29/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 6/20/19 | 6/20/19 | 5/30/19 | SSPC Hampton Roads Chapter at Vanwin Coatings | Chesapeake, VA USA |
| 8/21/19 | 8/21/19 | 7/31/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 9/19/19 | 9/19/19 | 8/29/19 | BAE Systems Jacksonville Ship Repair, LLC | Jacksonville, FL USA |
| 9/19/19 | 9/19/19 | 8/29/19 | SSPC Hampton Roads Chapter at Vanwin Coatings | Chesapeake, VA USA |
| 9/24/19 | 9/24/19 | 9/3/19 | BrandSafway | La Porte, TX USA |
| 9/26/19 | 9/26/19 | 9/5/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 10/1/19 | 10/1/19 | 9/10/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |
| 11/14/19 | 11/14/19 | 10/24/19 | Wheelblast, Inc. | Zephyrhills, FL USA |
| 11/21/19 | 11/21/19 | 10/31/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 12/11/19 | 12/11/19 | 11/20/19 | BrandSafway | La Porte, TX USA |
| 12/11/19 | 12/11/19 | 11/20/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 12/12/19 | 12/12/19 | 11/21/19 | ChemQuest | South Boston, VA USA |

Coating Application Specialist (CAS) - Level 2

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|----------------------|
| 1/16/19 | 1/17/19 | 12/26/18 | Sponge-Jet, Inc. | Newington, NH USA |
| 2/10/19 | 2/11/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 2/12/19 | 2/13/19 | 1/22/19 | Colonna's Shipyard, Inc. | Norfolk, VA USA |
| 2/19/19 | 2/20/19 | 1/29/19 | BrandSafway | La Porte, TX USA |
| 2/20/19 | 2/21/19 | 1/30/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 2/21/19 | 2/22/19 | 1/31/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 4/11/19 | 4/12/19 | 3/21/19 | Wheelblast, Inc. | Zephyrhills, FL USA |
| 4/30/19 | 5/1/19 | 4/9/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |
| 5/14/19 | 5/15/19 | 4/23/19 | BrandSafway | La Porte, TX USA |
| 5/22/19 | 5/23/19 | 5/1/19 | Regional Training Center | Portland, OR USA |
| 6/13/19 | 6/14/19 | 5/23/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 6/19/19 | 6/20/19 | 5/29/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 6/20/19 | 6/21/19 | 5/30/19 | SSPC Hampton Roads Chapter at Vanwin Coatings | Chesapeake, VA USA |
| 8/21/19 | 8/22/19 | 7/31/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 9/19/19 | 9/20/19 | 8/29/19 | BAE Systems Jacksonville Ship Repair, LLC | Jacksonville, FL USA |
| 9/19/19 | 9/20/19 | 8/29/19 | SSPC Hampton Roads Chapter at Vanwin Coatings | Chesapeake, VA USA |
| 9/24/19 | 9/25/19 | 9/3/19 | BrandSafway | La Porte, TX USA |
| 9/26/19 | 9/27/19 | 9/5/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 10/1/19 | 10/2/19 | 9/10/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |
| 11/14/19 | 11/15/19 | 10/24/19 | Wheelblast, Inc. | Zephyrhills, FL USA |
| 11/21/19 | 11/22/19 | 10/31/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 12/11/19 | 12/12/19 | 11/20/19 | BrandSafway | La Porte, TX USA |
| 12/11/19 | 12/12/19 | 11/20/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 12/12/19 | 12/13/19 | 11/21/19 | ChemQuest | South Boston, VA USA |

Concrete Coating Inspector Program (CCI) - Level 1 and Level 2

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|-------------------------------------|--------------------------------------|
| 1/14/19 | 1/18/19 | 12/24/18 | Regional Training Center | Portland, OR USA |
| 2/10/19 | 2/14/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 3/18/19 | 3/22/18 | 2/25/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 4/1/19 | 4/5/19 | 3/11/19 | Central AZ Water Conservation Dist. | Phoenix, AZ USA |
| 4/8/19 | 4/12/19 | 3/18/19 | Finishing Trades Institute (FTI) | Little Canada, MN USA |
| 7/15/19 | 7/19/19 | 6/24/19 | ITW Polymers Sealants | Houston, TX USA |
| 9/9/19 | 9/13/19 | 8/19/19 | Elcometer | Manchester, Manchester England UK |
| 11/4/19 | 11/8/19 | 10/14/19 | Sponge-Jet, Inc. | Newington, NH USA |
| 11/4/19 | 11/8/19 | 10/14/19 | Bon Tool Co. | Gibsonia, PA USA |

2019 TRAINING SCHEDULE

Evaluating Common Coating Contract Clauses (CONTRACT)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|------------------|
| 2/10/19 | 2/10/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 11/7/19 | 11/7/19 | 10/17/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |

Fireproofing Inspector Course (FIREPROOFING INSP)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|-------------------|--------------------|
| 1/22/19 | 1/22/19 | 1/1/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 5/20/19 | 5/20/19 | 4/29/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 11/5/19 | 11/5/19 | 10/15/19 | SSPC Headquarters | Pittsburgh, PA USA |

Floor Coating Basics (C10)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|-------------------------------------|------------------------|
| 2/10/19 | 2/11/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 4/16/19 | 4/17/19 | 3/26/19 | Wagner SprayTech | Plymouth, MN USA |
| 4/16/19 | 4/17/19 | 3/26/19 | Safety Express | Mississauga, ON Canada |
| 5/6/19 | 5/7/19 | 4/15/19 | Central AZ Water Conservation Dist. | Phoenix, AZ USA |
| 7/15/19 | 7/16/19 | 6/24/19 | Bon Tool Co. | Gibsonia, PA USA |
| 11/12/19 | 11/13/19 | 10/22/19 | Safety Express | Mississauga, ON Canada |

Fundamentals of Protective Coatings (C1)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|----------------------|
| 1/7/19 | 1/11/19 | 12/17/18 | Central AZ Water Conservation Dist. | Phoenix, AZ USA |
| 1/14/19 | 1/18/19 | 12/24/18 | Commercial Sand Blasting & Painting | Saskatoon, SK Canada |
| 2/10/19 | 2/14/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 2/25/19 | 3/1/19 | 2/4/19 | ChemQuest | South Boston, VA USA |
| 3/4/19 | 3/8/19 | 2/11/19 | Cloverdale Paint, Inc. | Surrey, BC Canada |
| 3/18/19 | 3/22/19 | 2/25/19 | Sprayroq Inc. | Irondale, AL USA |
| 5/13/19 | 5/17/19 | 4/22/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 9/16/19 | 9/20/19 | 8/26/19 | Greenman-Pedersen, Inc. | Grand Rapids, MI USA |
| 10/14/19 | 10/18/19 | 9/23/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |
| 10/21/19 | 10/25/19 | 9/30/19 | Cloverdale Paint, Inc. | Winnipeg, MB Canada |
| 11/4/19 | 11/8/19 | 10/14/19 | Cloverdale Paint, Inc. | Leduc, AB Canada |
| 11/4/19 | 11/8/19 | 10/14/19 | Colonna's Shipyard, Inc. | Norfolk, VA USA |

Ground Vehicle Corrosion/Protective Coatings Course (GROUND VEH)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--------------------------|--------------------|
| 2/10/19 | 2/14/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 3/4/19 | 3/8/19 | 2/11/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 5/6/19 | 5/10/19 | 4/15/19 | Vigor Industrial LLC | Portland, OR USA |
| 5/20/19 | 5/24/19 | 4/29/19 | Vigor Industrial LLC | Seattle, WA USA |
| 8/19/19 | 8/23/19 | 7/29/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 12/9/19 | 12/13/19 | 11/18/19 | Sponge-Jet, Inc. | Newington, NH USA |
| 12/9/19 | 12/13/19 | 11/18/19 | SSPC Headquarters | Pittsburgh, PA USA |

Industrial Coating Safety Management Training (SAFETY)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--------------------------|-----------------------|
| 1/21/19 | 1/23/19 | 12/31/18 | SSPC New England Chapter | Marlborough, MA USA |
| 1/23/19 | 1/25/19 | 1/2/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 2/10/19 | 2/12/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 3/12/19 | 3/14/19 | 2/19/19 | Greenman-Pedersen, Inc. | Grand Rapids, MI USA |
| 5/21/19 | 5/23/19 | 4/30/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 9/10/19 | 9/12/19 | 8/20/19 | Sunshine Safety Council | Daytona Beach, FL USA |
| 10/15/19 | 10/17/19 | 9/24/19 | Metropolitan Solutions | National City, CA USA |

Inspecting Containment (CONTAINMENT)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|---|------------------------|
| 2/15/19 | 2/15/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 3/13/19 | 3/13/19 | 2/20/19 | Finishing Trades Institute Of Northwest | Seattle, WA USA |
| 11/17/19 | 11/17/19 | 10/27/19 | KTA-Tator, Inc. | St. Petersburg, FL USA |

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 412.281.7772, ext. 2221 or merck@sspc.org to request a cost proposal for this option.

Lead/Hazardous Coatings Removal (C3)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|-----------------------|
| 1/28/19 | 1/31/19 | 1/7/19 | Vigor Industrial LLC | Seattle, WA USA |
| 2/4/19 | 2/7/19 | 1/14/19 | Central AZ Water Conservation Dist. | Phoenix, AZ USA |
| 2/12/19 | 2/15/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 2/18/19 | 2/21/19 | 1/28/19 | SSPC New England Chapter | Marlborough, MA USA |
| 3/4/19 | 3/7/19 | 2/11/19 | Cloverdale Paint, Inc. | Leduc, AB Canada |
| 3/11/19 | 3/14/19 | 2/18/19 | SSPC Northern California Chapter @ Jeffco Painting & Coating Inc. | Vallejo, CA USA |
| 4/8/19 | 4/11/19 | 3/18/19 | Cloverdale Paint, Inc. | Winnipeg, MB Canada |
| 4/8/19 | 4/11/19 | 3/18/19 | Vigor Industrial LLC | Portland, OR USA |
| 5/6/19 | 5/9/19 | 4/15/19 | SSPC Midwest Chapter at K2 Industrial Services, Inc. | Highland, IN USA |
| 6/3/19 | 6/6/19 | 5/13/19 | MacLeod Coating Inspection Services | Hamilton, ON Canada |
| 7/22/19 | 7/25/19 | 7/1/19 | Metropolitan Solutions | National City, CA USA |
| 9/16/19 | 9/19/19 | 8/26/19 | Elcometer | Warren, MI USA |
| 10/14/19 | 10/17/19 | 9/23/19 | Cloverdale Paint, Inc. | Surrey, BC Canada |
| 10/14/19 | 10/17/19 | 9/23/19 | Sunshine Safety Council | Daytona Beach, FL USA |
| 11/11/19 | 11/14/19 | 10/21/19 | SSPC Georgia Chapter at Corrosion Specialties, Inc. | Duluth, GA USA |
| 12/2/19 | 12/5/19 | 11/11/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |

Lead/Hazardous Coatings Removal Refresher (C5)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|-----------------------|
| 2/1/19 | 2/1/19 | 1/11/19 | Vigor Industrial LLC | Seattle, WA USA |
| 2/8/19 | 2/8/19 | 1/18/19 | Central AZ Water Conservation Dist. | Phoenix, AZ USA |
| 2/12/19 | 2/12/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 2/22/19 | 2/22/19 | 2/1/19 | SSPC New England Chapter | Marlborough, MA USA |
| 3/8/19 | 3/8/19 | 2/15/19 | Cloverdale Paint, Inc. | Leduc, AB Canada |
| 3/15/19 | 3/15/19 | 2/22/19 | SSPC Northern California Chapter @ Jeffco Painting & Coating Inc. | Vallejo, CA USA |
| 4/12/19 | 4/12/19 | 3/22/19 | Vigor Industrial LLC | Portland, OR USA |
| 4/12/19 | 4/12/19 | 3/22/19 | Cloverdale Paint, Inc. | Winnipeg, MB Canada |
| 5/10/19 | 5/10/19 | 4/19/19 | SSPC Midwest Chapter at K2 Industrial Services, Inc. | Highland, IN USA |
| 6/7/19 | 6/7/19 | 5/17/19 | MacLeod Coating Inspection Services | Hamilton, ON Canada |
| 7/26/19 | 7/26/19 | 7/5/19 | Metropolitan Solutions | National City, CA USA |
| 9/20/19 | 9/20/19 | 8/30/19 | Elcometer | Warren, MI USA |
| 10/18/19 | 10/18/19 | 9/27/19 | Cloverdale Paint, Inc. | Surrey, BC Canada |
| 10/18/19 | 10/18/19 | 9/27/19 | Sunshine Safety Council | Daytona Beach, FL USA |
| 11/15/19 | 11/15/19 | 10/25/19 | SSPC Georgia Chapter at Corrosion Specialties, Inc. | Duluth, GA USA |
| 12/6/19 | 12/6/19 | 11/15/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |

Lead Paint Worker Safety (Worker)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|------------------|
| 5/11/19 | 5/11/19 | 4/20/19 | SSPC Midwest Chapter at K2 Industrial Services, Inc. | Hammond, IN USA |
| 11/16/19 | 11/16/19 | 10/26/19 | SSPC Georgia Chapter at Corrosion Specialties, Inc. | Duluth, GA USA |
| 12/7/19 | 12/7/19 | 11/16/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |

Marine Plural Component Program MPCAC (C14)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--------------------------|------------------|
| 3/10/19 | 3/11/19 | 2/17/19 | Colonna's Shipyard, Inc. | Norfolk, VA USA |
| 6/11/19 | 6/12/19 | 5/21/19 | Wagner SprayTech | Plymouth, MN USA |
| 10/15/19 | 10/16/19 | 9/24/19 | Colonna's Shipyard, Inc. | Norfolk, VA USA |

Navigating Standard Item 009-32 (009-32)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|-----------------------|
| 2/1/19 | 2/1/19 | 1/11/19 | Finishing Trades Institute Of Northwest | Seattle, WA USA |
| 2/9/19 | 2/9/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 3/8/19 | 3/8/19 | 2/15/19 | Vigor Industrial LLC | Seattle, WA USA |
| 5/3/19 | 5/3/19 | 4/12/19 | Pearl Harbor Naval Shipyard | Pearl Harbor, HI USA |
| 5/10/19 | 5/10/19 | 4/19/19 | Colonna's Shipyard, Inc. | Norfolk, VA USA |
| 5/17/19 | 5/17/19 | 4/26/19 | Metropolitan Solutions | National City, CA USA |
| 8/2/19 | 8/2/19 | 7/12/19 | Metropolitan Solutions | National City, CA USA |
| 9/6/19 | 9/6/19 | 8/16/19 | Finishing Trades Institute Of Northwest | Seattle, WA USA |
| 9/20/19 | 9/20/19 | 8/30/19 | Pearl Harbor Naval Shipyard | Pearl Harbor, HI USA |
| 11/8/19 | 11/8/19 | 10/18/19 | SSPC Northern California/Nevada Chapter @ Team QualSpec | Benicia, CA USA |
| 11/29/19 | 11/29/19 | 11/8/19 | Sherwin-Williams Company | Norfolk, VA USA |

2019 TRAINING SCHEDULE

NAVSEA Basic Paint Inspector (NBPI)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|---|-----------------------|
| 2/4/19 | 2/8/19 | 1/14/19 | Finishing Trades Institute Of Northwest | Seattle, WA USA |
| 2/10/19 | 2/14/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 3/11/19 | 3/15/19 | 2/18/19 | Vigor Industrial LLC | Seattle, WA USA |
| 5/6/19 | 5/10/19 | 4/15/19 | Pearl Harbor Naval Shipyard | Pearl Harbor, HI USA |
| 5/13/19 | 5/17/19 | 4/22/19 | SSPC Training at Mega Rust 2019 Show | Portsmouth, VA USA |
| 5/20/19 | 5/24/19 | 4/29/19 | Metropolitan Solutions | National City, CA USA |
| 8/5/19 | 8/9/19 | 7/15/19 | SSPC Training @ Fleet Maintenance & Modernization Symposium (FMMS) 2019 | San Diego, CA USA |
| 9/9/19 | 9/13/19 | 8/19/19 | Finishing Trades Institute Of Northwest | Seattle, WA USA |
| 9/23/19 | 9/27/19 | 9/2/19 | Pearl Harbor Naval Shipyard | Pearl Harbor, HI USA |
| 10/21/19 | 10/25/19 | 9/30/19 | Sponge-Jet, Inc. | Newington, NH USA |
| 10/28/19 | 11/1/19 | 10/7/19 | BAE Systems Jacksonville Ship Repair, LLC | Jacksonville, FL USA |
| 11/11/19 | 11/15/19 | 10/21/19 | SSPC Northern California/Nevada Chapter @ Team QualSpec | Benicia, CA USA |
| 12/2/19 | 12/6/19 | 11/11/19 | Sherwin-Williams Company | Norfolk, VA USA |

Planning and Specifying Industrial Coatings Projects (C2)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|----------------------|
| 2/10/19 | 2/14/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 3/11/19 | 3/15/19 | 2/18/19 | Sherwin-Williams Company | Norfolk, VA USA |
| 3/18/19 | 3/22/19 | 2/25/19 | Commercial Sand Blasting & Painting | Saskatoon, SK Canada |
| 4/1/19 | 4/5/19 | 3/11/19 | Cloverdale Paint, Inc. | Surrey, BC Canada |
| 5/13/19 | 5/17/19 | 4/22/19 | ChemQuest | South Boston, VA USA |
| 9/9/19 | 9/13/19 | 8/19/19 | SSPC Midwest Chapter at K2 Industrial Services, Inc. | Hammond, IN USA |
| 10/14/19 | 10/18/19 | 9/23/19 | Greenman-Pedersen, Inc. | Grand Rapids, MI USA |
| 11/11/19 | 11/15/19 | 10/21/19 | Cloverdale Paint, Inc. | Winnipeg, MB Canada |
| 12/2/19 | 12/6/19 | 11/11/19 | Cloverdale Paint, Inc. | Leduc, AB Canada |
| 12/9/19 | 12/13/19 | 11/18/19 | Sprayroq Inc. | Irondale, AL USA |

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

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|------------------|------------------|
| 9/10/19 | 9/12/19 | 8/20/19 | Sprayroq Inc. | Irondale, AL USA |
| 12/10/19 | 12/12/19 | 11/19/19 | Wagner SprayTech | Plymouth, MN USA |

Project Management for the Industrial Painting Contractor (PRO MGMT)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|----------------------------------|--------------------|
| 2/11/19 | 2/12/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 11/5/19 | 11/6/19 | 10/15/19 | SSPC Southern California Chapter | Commerce, CA USA |
| 11/6/19 | 11/7/19 | 10/16/19 | SSPC Headquarters | Pittsburgh, PA USA |

USA AND CANADA COURSE OFFERINGS FOR

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

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|----------------------|
| 1/7/19 | 1/13/19 | 12/17/18 | Stuart Dean Company, Inc. | Cleveland, OH USA |
| 1/7/19 | 1/13/19 | 12/17/18 | Greenman-Pedersen, Inc. | Grand Rapids, MI USA |
| 1/14/19 | 1/20/19 | 12/24/18 | Vigor Industrial LLC | Portland, OR USA |
| 2/9/19 | 2/15/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 2/11/19 | 2/17/19 | 1/21/19 | SSPC New England Chapter | Newington, NH USA |
| 2/25/19 | 3/3/19 | 2/4/19 | Cloverdale Paint, Inc. | Leduc, AB Canada |
| 2/25/19 | 3/3/19 | 2/4/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 3/4/19 | 3/10/19 | 2/11/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |
| 3/18/19 | 3/24/19 | 2/25/19 | Cloverdale Paint, Inc. | Winnipeg, MB Canada |
| 4/8/19 | 4/14/19 | 3/18/19 | Vigor Industrial LLC | Seattle, WA USA |
| 5/13/19 | 5/19/19 | 4/22/19 | Sherwin-Williams Company | Norfolk, VA USA |
| 7/29/19 | 8/4/19 | 7/8/19 | Finishing Trades Institute Of Northwest | Seattle, WA USA |
| 8/5/19 | 8/11/19 | 7/15/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 9/16/19 | 9/22/19 | 8/26/19 | Vigor Industrial LLC | Portland, OR USA |
| 9/16/19 | 9/22/19 | 8/26/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |
| 10/14/19 | 10/20/19 | 9/23/19 | Sherwin-Williams Company | Norfolk, VA USA |
| 10/14/19 | 10/20/19 | 9/23/19 | ITW Polymers Sealants | Houston, TX USA |
| 10/21/19 | 10/27/19 | 9/30/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 11/25/19 | 12/1/19 | 11/4/19 | Vigor Industrial LLC | Seattle, WA USA |
| 12/2/19 | 12/8/19 | 11/11/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 12/9/19 | 12/15/19 | 11/18/19 | Elcometer | Warren, MI USA |
| 12/9/19 | 12/15/19 | 11/18/19 | Cloverdale Paint, Inc. | Surrey, BC Canada |
| 12/9/19 | 12/15/19 | 11/18/19 | Regional Training Center | Portland, OR USA |

INTERNATIONAL COURSE OFFERINGS FOR Protective Coatings Inspector Program (PCI) - Level 1, 2, 3

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|-----------------------------------|--------------------------------------|
| 1/14/19 | 1/20/19 | 12/24/18 | SSPC Hosted Training | Surabaya, Indonesia |
| 3/4/19 | 3/10/19 | 2/11/19 | SSPC Hosted Training | Kuala Lumpur, Malaysia |
| 3/11/19 | 3/23/19 | 2/18/19 | SSPC Hosted Training | Batam, Indonesia |
| 4/8/19 | 4/14/19 | 3/18/19 | TQC Sheen | Rotterdam, South Holland Netherlands |
| 4/8/19 | 4/20/19 | 3/18/19 | SSPC Hosted Training | Singapore, Singapore |
| 5/6/19 | 5/12/19 | 4/15/19 | SSPC Hosted Training | Batam, Indonesia |
| 5/20/19 | 5/26/19 | 4/29/19 | SSPC Hosted Training | Pattaya, Thailand |
| 7/1/19 | 7/5/19 | 6/10/19 | Joyce Safety Industrial Co. Ltd. | Mailiao, Taiwan |
| 7/1/19 | 7/7/19 | 6/10/19 | SSPC Hosted Training | Yogyakarta, Indonesia |
| 7/1/19 | 7/7/19 | 6/10/19 | Schmidt Abrasive Blasting Sdn Bhd | Shah Alam, Selangor Malaysia |
| 9/16/19 | 9/22/19 | 8/26/19 | SSPC Hosted Training | Manila, Philippines |
| 9/16/19 | 9/22/19 | 8/26/19 | SSPC Hosted Training | Singapore, Singapore |
| 10/7/19 | 10/19/19 | 9/16/19 | SSPC Hosted Training | Batam, Indonesia |
| 11/4/19 | 11/10/19 | 10/14/19 | Elcometer | Manchester, England UK |
| 11/11/19 | 11/17/19 | 10/21/19 | TQC Sheen | Rotterdam, South Holland Netherlands |
| 11/11/19 | 11/17/19 | 10/21/19 | SSPC Hosted Training | Pattaya, Thailand |
| 11/18/19 | 11/24/19 | 10/28/19 | Schmidt Abrasive Blasting Sdn Bhd | Shah Alam, Selangor Malaysia |

Protective Coatings Specialist Program (PCS)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|----------------------|
| 2/15/19 | 2/15/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 3/16/19 | 3/16/19 | 2/23/19 | Sherwin-Williams Company | Norfolk, VA USA |
| 3/23/19 | 3/23/19 | 3/2/19 | Commercial Sand Blasting & Painting | Saskatoon, SK Canada |
| 4/6/19 | 4/6/19 | 3/16/19 | Cloverdale Paint, Inc. | Surrey, BC Canada |
| 5/18/19 | 5/18/19 | 4/27/19 | ChemQuest | South Boston, VA USA |
| 9/14/19 | 9/14/19 | 8/24/19 | SSPC Midwest Chapter at K2 Industrial Services, Inc. | Hammond, IN USA |
| 10/19/19 | 10/19/19 | 9/28/19 | Greenman-Pedersen, Inc. | Grand Rapids, MI USA |
| 11/16/19 | 11/16/19 | 10/26/19 | Cloverdale Paint, Inc. | Winnipeg, MB Canada |
| 12/7/19 | 12/7/19 | 11/16/19 | Cloverdale Paint, Inc. | Leduc, AB Canada |
| 12/14/19 | 12/14/19 | 11/23/19 | Sprayroq Inc. | Irondale, AL USA |

Quality Control Supervisor (QCS)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|------------------|
| 2/13/19 | 2/14/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 5/22/19 | 5/23/19 | 5/1/19 | Colonna's Shipyard, Inc. | Norfolk, VA USA |
| 10/3/19 | 10/4/19 | 9/12/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |

Selection of Coatings (SELECT CTGS)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--------------------------|-----------------|
| 2/15/19 | 2/15/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |

Spray Application Certification (C12)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|----------------------|
| 1/9/19 | 1/10/19 | 12/19/18 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 1/19/19 | 1/20/19 | 12/29/18 | SSPC Hampton Roads Chapter @ Colonnas Shipyard | Norfolk, VA USA |
| 1/30/19 | 1/31/19 | 1/9/19 | Vigor Industrial LLC | Portland, OR USA |
| 2/12/19 | 2/13/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 2/13/19 | 2/14/19 | 1/23/19 | Vigor Industrial LLC | Ketchikan, AK USA |
| 2/19/19 | 2/20/19 | 1/29/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 2/20/19 | 2/21/19 | 1/30/19 | BrandSafway | La Porte, TX USA |
| 2/27/19 | 2/28/19 | 2/6/19 | Vigor Industrial LLC | Seattle, WA USA |
| 3/20/19 | 3/21/19 | 2/27/19 | BlastOne International | Columbus OH USA |
| 3/28/19 | 3/29/19 | 3/7/19 | SSPC New England Chapter @ Copia Specialty Contractors, Inc. | Bangor, ME USA |
| 4/24/19 | 4/25/19 | 4/3/19 | Vigor Industrial LLC | Seattle, WA USA |
| 4/24/19 | 4/25/19 | 4/3/19 | Wagner SprayTech | Plymouth, MN USA |
| 5/9/19 | 5/10/19 | 4/18/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 5/15/19 | 5/16/19 | 4/24/19 | BAE Systems Jacksonville Ship Repair, LLC | Jacksonville, FL USA |
| 5/15/19 | 5/16/19 | 4/24/19 | BrandSafway | La Porte, TX USA |
| 6/7/19 | 6/8/19 | 5/17/19 | SSPC Hampton Roads Chapter at Vanwin Coatings | Chesapeake, VA USA |

2019 TRAINING SCHEDULE

Spray Application Certification (C12) Cont.

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|---------------------|
| 6/11/19 | 6/12/19 | 5/21/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 6/12/19 | 6/13/19 | 5/22/19 | Vigor Industrial LLC | Portland, OR USA |
| 6/19/19 | 6/20/19 | 5/29/19 | Vigor Industrial LLC | Ketchikan, AK USA |
| 7/10/19 | 7/11/19 | 6/19/19 | Wheelblast, Inc. | Zephyrhills, FL USA |
| 7/24/19 | 7/25/19 | 7/3/19 | Vigor Industrial LLC | Seattle, WA USA |
| 9/11/19 | 9/12/19 | 8/21/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 9/18/19 | 9/19/19 | 8/28/19 | Vigor Industrial LLC | Portland, OR USA |
| 9/24/19 | 9/25/19 | 9/3/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 9/25/19 | 9/26/19 | 9/4/19 | BrandSafway | La Porte, TX USA |
| 10/12/19 | 10/13/19 | 9/21/19 | SSPC Hampton Roads Chapter at Colonnas Shipyard | Norfolk, VA USA |
| 10/23/19 | 10/24/19 | 10/2/19 | Wheelblast, Inc. | Zephyrhills, FL USA |
| 11/6/19 | 11/7/19 | 10/16/19 | BlastOne International | Columbus, OH USA |
| 11/13/19 | 11/14/19 | 10/23/19 | K2 Industrial Services, Inc. | Theodore, AL USA |
| 11/19/19 | 11/20/19 | 10/29/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 11/22/19 | 11/23/19 | 11/1/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |
| 12/12/19 | 12/13/19 | 11/21/19 | SSPC Hampton Roads Chapter at Vanwin Coatings | Chesapeake, VA USA |
| 12/12/19 | 12/13/19 | 11/21/19 | BrandSafway | La Porte, TX USA |

Surface Preparation and Paint Application for (SHIPBOARD)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|------------------------|-----------------------|
| 2/22/19 | 2/23/19 | 2/1/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 3/4/19 | 3/5/19 | 2/11/19 | Vigor Industrial LLC | Seattle, WA USA |
| 4/1/19 | 4/2/19 | 3/11/19 | Vigor Industrial LLC | Portland, OR USA |
| 4/22/19 | 4/23/19 | 4/1/19 | Vigor Industrial LLC | Ketchikan, AK USA |
| 5/20/19 | 5/21/19 | 4/29/19 | Sponge-Jet, Inc. | Newington, NH USA |
| 5/22/19 | 5/23/19 | 5/1/19 | Sponge-Jet, Inc. | Newington, NH USA |
| 6/14/19 | 6/15/19 | 5/24/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 9/27/19 | 9/28/19 | 9/6/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 10/16/19 | 10/17/19 | 9/25/19 | BlastOne International | Columbus, OH USA |
| 11/22/19 | 11/23/19 | 11/1/19 | SSPC Headquarters | Pittsburgh, PA USA |
| 12/10/19 | 12/11/19 | 11/19/19 | Metropolitan Solutions | National City, CA USA |
| 12/12/19 | 12/13/19 | 11/21/19 | Metropolitan Solutions | National City, CA USA |

Thermal Spray Application Training (THERMAL APP)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--------------------------|------------------------|
| 2/13/19 | 2/13/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 3/25/19 | 3/25/19 | 3/4/19 | KTA-Tator, Inc. | St. Petersburg, FL USA |
| 5/14/19 | 5/14/19 | 4/23/19 | Colonna's Shipyard, Inc. | Norfolk, VA USA |

Thermal Spray Inspector Training (THERMAL INSP)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--------------------------|------------------------|
| 1/30/19 | 1/30/19 | 1/9/19 | Sponge-Jet, Inc. | Newington, NH USA |
| 2/14/19 | 2/14/19 | 1/18/19 | Coatings+ SSPC 2019 Show | Orlando, FL USA |
| 3/26/19 | 3/26/19 | 3/5/19 | KTA-Tator, Inc. | St. Petersburg, FL USA |
| 5/15/19 | 5/15/19 | 4/24/19 | Colonna's Shipyard, Inc. | Norfolk, VA USA |
| 10/16/19 | 10/16/19 | 9/25/19 | KTA-Tator, Inc. | St. Petersburg, FL USA |

Using SSPC PA 2 Effectively (PA 2)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|------------------------|
| 2/15/19 | 2/15/19 | 1/18/19 | Coatings+ SSPC 2019 Show <i>English Version</i> | Orlando, FL USA |
| 2/15/19 | 2/15/19 | 1/18/19 | Coatings+ SSPC 2019 Show <i>Spanish Version</i> | Orlando, FL USA |
| 5/16/19 | 5/16/19 | 4/25/19 | Colonna's Shipyard, Inc. | Norfolk, VA USA |
| 8/8/19 | 8/8/19 | 7/18/19 | SSPC Training at the Fleet Maintenance & Modernization Symposium (FMMS) 2019 | San Diego, CA USA |
| 12/3/19 | 12/3/19 | 11/12/19 | Elcometer | Manchester, England UK |

Water Jetting Program (C13)

| START DATE | END DATE | REGISTRATION DEADLINE | HOST | LOCATION |
|------------|----------|-----------------------|--|----------------------|
| 3/11/19 | 3/12/19 | 2/18/19 | BAE Systems Jacksonville Ship Repair, LLC | Jacksonville, FL USA |
| 11/18/19 | 11/19/19 | 10/28/19 | SSPC Southern California Chapter at FTI of DC 36 | Commerce, CA USA |



eCourse Reminder

SSPC online training courses are available on-demand. In other words, learners can sign up whenever they are ready and their online training will be available upon enrollment. Learners can work at their own pace over a 16-week period to complete each component of their online training, including a final exam. Visit www.sspc.org and select Training & Education and Online Training Programs for more information.

COURSE REGISTRATION FORM

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
 - y. 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. Power, conventional
- G. Power, nuclear
- H. Bridge and highway
- I. Waterfront/locks/dams
- J. Water works/storage
- K. Waste treatment
- L. Food, beverage or pharmaceutical
- M. Pipeline
- N. Gas utility
- O. Shipping/ship management
- P. Railcar manufacturing and/or repair
- Q. Equipment/vehicle manufacturing and maintenance
- R. Military
- S. Stadiums & theme parks
- T. General Commercial
- Y. Other _____

Question 3: 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. Coatings inspection equipment
- F. Safety equipment
- G. Containment
- H. Access and scaffolding equipment
- I. Lab and field testing equipment
- J. Coatings raw materials
- K. Painting services
- L. Consulting or engineering services
- Y. Other _____

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.

Payment Options

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

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 canceled, 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 fees 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 re-schedule 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 the cancellation or re-scheduling of the course. If you replace a student in a class, there is a \$50.00 fee. If you choose to cancel and SSPC receives your written cancellation: A. up to 30 days before the training, the registration fee is 100% refundable, minus a \$50.00 service charge or you may select a full credit towards a future training class B. is received from 29 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 event. C. is received in 16 or fewer days before the training, the fee is not refundable and at this point you will receive credit towards a future training event, minus a \$50.00 service charge. All credits towards a future training must be used within 12 months of the cancellation. You can only move to another class one time. If you do not cancel and are a no show for the class - there is no refund and your payment cannot be applied to a future class. Under no circumstances is SSPC responsible for reimbursement of any airline tickets, guaranteed reservations or other expenses associated with a student attending any class.

Four Easy Ways to Register



Online at
www.sspc.org



By phone, toll-free:
412.281.7772, ext. 2241



Fax this form to:
412.444.3591



By mail send to:
SSPC Training
P.O. Box 645710
Pittsburgh, PA 15264-5255



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