

INDIVIDUAL TRAINING & CERTIFICATION



Contract Holder
Contract 47QREA19D0018

SSPC is able to offer our training and certification courses at a discounted rate to government entities.



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.



Building a Stronger Future

SSPC & NACE are working together for our
Certification & Accreditation Holders



“With a focus on our members, we are creating an organization that brings together the best of NACE and SSPC.”

- Bob Chalker, Chief Executive Officer

How will you be affected?

Visit sspc.org/sspc-nace-updates or nace.org/updates to learn how we are bringing these programs together



Change Brings Fresh Ideas and Perspectives

Change is what is happening at SSPC. With the ongoing COVID 19 pandemic and the impending merger of SSPC and NACE, now is the time to embrace fresh ideas and unique perspectives. The objective of SSPC Training and Certification is to deliver and develop high-quality and original training and certification programs that are relevant and insightful. The courses are meant to be engaging and accessible, and at the same time integrative and challenging. SSPC has been adding more digital courses with a new content strategy to reflect feedback from members who tell us they desire a mix of in-person and online training.

During the pandemic, SSPC has opened new avenues in offering online options for members and professionals to maintain certifications and continue their training and education. Platforms like Microsoft Teams, GoTo Webinar, GoTo Meetings, Skype, and Google Duo have become essential tools in providing proctored exams and instructor-led courses. Certification exams like the Protective Coatings Specialist (PCS), Coating Applicator Specialist (CAS), and specialty inspector certification exams are now offered with a virtual proctor. Courses such as the Fundamentals of Protective Coatings (C1) and Planning and Specifying Industrial Projects (C2) have virtual instructor-led training options. Members have expressed gratitude and relief for being able to get and maintain training, certifications, and even retake exams.

Other progressive variations are in the works; one of which is how we administer in-person classes. In addition, SSPC staff have worked diligently to safely return students to an in-person class setting. We've developed a strict set of guidelines that hosts must follow when they hold classes at their facility. We have also limited class sizes to 10 or less students to ensure social distancing is being practiced.

My work across SSPC training and certification has a wide range, but my passion has always stood firmly with our members—our members have the potential to shape how both SSPC and NACE support and transform the industrial corrosion/protective coatings industry. Joyce Wright, SSPC's current Board of Governor's President agreed: "We are and will continue to be a nonprofit organization that will support the members needs while creating and utilizing new technical advantages through training, education, and certification."

As we demand more of ourselves, I would ask our industry to demand more of us. Reach out to Joyce or myself directly to tell us about your struggles and brag about your successes. Tell us where we ought to pay closer attention, and if we have not met before, let's start there. I feel fortunate to have the opportunity to work with so many passionate and talented staff and members and we could not be where are today without you. I don't think there is a more dynamic, engaged community anywhere in the world!

Sincerely,



Jennifer Merck

Director of Training and Certification



Training Department Photo
(back row-left to right): Brian Spahr, Jennifer Merck,
Michele Dunlap (middle row-left to right): Sara Badami,
Lauren Hoffman, Melissa Pinolini (front row-left to right):
Kate White, Gina Merico, Danielle Edmond

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*this course is available as both an onsite and eCourse

20+
COUNTRIES

280+
INSTRUCTORS



1950 MORE THAN 70 YEARS OF EXPERIENCE 2020

80,000 TOTAL STUDENTS
TRAINED & CERTIFIED



eCOURSES & TRAINING INFORMATION



15+
eCOURSES



20+
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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.



Shows the course difficulty level



This course is available online.



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



DoD Funding is available for this course.
See page 51 for more information



GSA Pricing is available for this course.
See page 57 for more information



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



This course meets Navy requirements.



A Professional Certification is available for this course.



This course is available in multiple languages.

SSPC MEMBERSHIP

INCREASE THE VALUE OF YOUR TRAINING AND CERTIFICATION EXPERIENCE BY JOINING WITH SSPC AS A MEMBER!

SSPC Members receive value through:

- Access to industry standards and technical publications
- Exclusive pricing on training and certifications
- Connection to a global network of coatings industry professionals
- Support of a talented, dedicated staff eager to serve you and your team

Call 412.281.2331, email membership@sspc.org, or visit www.sspc.org today to secure your SSPC membership and elevate your career!

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

ORGANIZATIONAL MEMBERSHIP (OM) OPTIONS:

Industrial Affiliate

Tailored to complex organizations with a significant technical staff team (82 Flex Points Awarded)

Sustaining Level

Ideal for contractors (45 Flex Points Awarded)

Patron Level

Perfect for organizations seeking to maximize value (20 Flex Points Awarded)

COUNCIL OF FACILITY OWNERS (CFO) OPTIONS:

CFO Sustaining Level

Created for Facility Owners with multiple structures and/or dedicated maintenance departments (66 Flex Points Awarded)

CFO Patron Level

Great for water authorities, municipalities, and government entities specifying SSPC standards and/or certifications (25 Flex Points Awarded)

FLEX POINTS

Customize your SSPC Organizational Membership using Flex Points to offset the cost of:

- Publications
- eCourses
- In person training
- Adding additional individual members to your company roster

INDIVIDUAL MEMBERSHIP (IM) OPTIONS:

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

- Unlimited 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
- Exclusive member pricing for training, professional certifications, publications, and merchandise
- Networking and leadership development opportunities
- Plus more

3 Year Packages save you 17%

2 Year Packages save you 10%



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: Jennifer.Merck@ampp.org or 412.281.2331. Refer to your State Licensing board for questions such as record keeping and additional education requirements.

RE-CERTIFICATION

RE-CERTIFY ONLINE

All Certifications That Can Be Renewed Online

Surface Preparation/Coating Application Recertifications

- Abrasive Blasting Certification (C7)
- Aerospace Coating Application Specialist Certification Program (ACAS)
- Coating Application Specialist (CAS)
- Concrete Coating Application Specialist (CCAS)
- Marine Plural Component Program (MPCAC, C14)
- Plural Component Application for Polyurea and High Solids Coatings (PLURAL)
- Protective Coatings Specialist Program (PCS)
- Spray Application Certification (C12)
- Surface Preparation and Paint Application for Power Tool Cleaning (C6)
- Waterjetting Program (C13)

Inspection Recertifications

- Bridge Coatings Inspector (BCI)
- Concrete Coatings Inspector (CCI)
- Fireproofing Inspector (FIRE INSP)
- Insulation Inspector (INSL INSP)
- NAVSEA Basic Paint Inspector (NBPI)
- Pipeline Inspector (PIPE INSP)
- Protective Coatings Inspector (PCI)
- Thermal Spray Applicator Training (THERMAL APP)
- Thermal Spray Inspector Training (THERMAL INSP)

Note: Candidate is responsible for sending SSPC updated contact information. For any questions regarding recertification, please contact Silvia Palmieri at palmieri@sspc.org or 412.281.2331, ext. 2201.



Important Note: As of 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 students original certification year and a Gold Star to commemorate their status.

Certification Term & Renewal

Coatings professionals, certified in the various programs, will be notified by mail in plenty of time to complete their renewals. Those requiring a recertification exam 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.

- 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 [work experience form, application form, requested photo, approved formal training(for CAS only)].
- Multiple notices will be sent to candidates reminding them of their approaching renewal dates at 6, and 3 months out. If the individual certification is not renewed before the expiration date the candidate must re-take the course and Certification Exam to regain their certification.

Agencies that Recognize SSPC as an Accredited Training/Certification Provider

American Board of Industrial Hygiene	Maryland Department of the Environment	Repsol Oil and Gas
American Bureau of Shipping (ABS)	MASS DOT	Rina
Army Corps of Engineers	Metropolitan Water Reclamation District of Greater Chicago	Saudi Aramco
British Petroleum (BP)	Missouri Department of the Environment	Shell
Caltrans	New Jersey Department of the Environment	SSPC QP-1
Chevron	New Jersey DOT	SSPC QP-2
Connecticut DOT	New York Board of Professional Engineers	Texas DOT
Department of Veterans Affairs	New York City School Construction Authority	TOTAL FPSO
Exxon	NOV	TransCanada
Florida Board of Professional Engineers (FBPE)	Ohio DOT	UK MOD
Florida DOT	Pacific Gas & Electric	UK Rail
GE China	Panama Canal Authority	UK Road Dept.
Illinois Department of the Environment	Passaic Valley Sewerage Commission	United States Navy
Kentucky DOT	Pemex	VALE S.A.
Lloyd's Register	Petrobras	Virginia Department of the Environment
Maine DOT	PetroPeru	West Virginia DOT
Malaysian Navy	PTT Group	
Manila Water Company	RASGAS	

ELEVATE YOURSELF

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

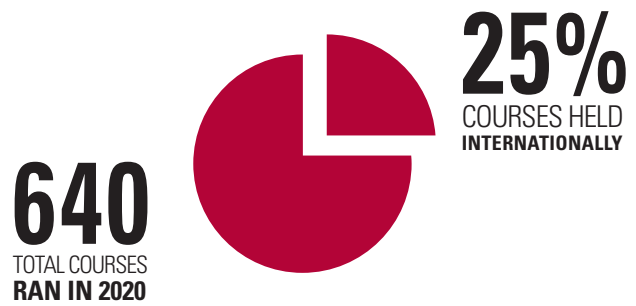
Take control of your career by getting the training you need today. Promote your own growth, enhance your skill set, and set yourself apart from the crowd with globally recognized certifications.

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

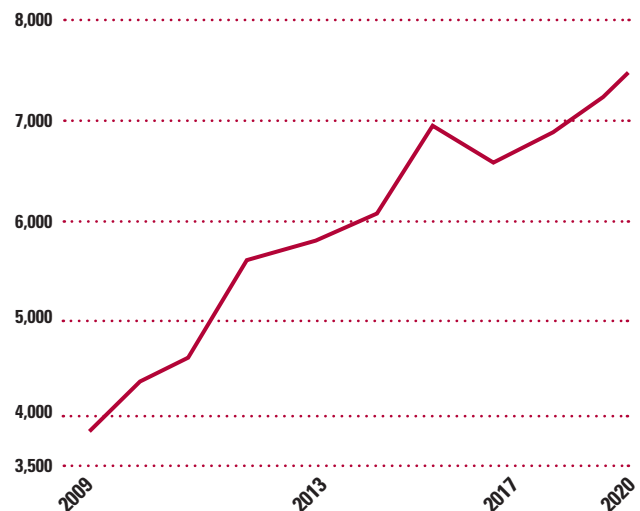


16,806

STUDENTS CURRENTLY HOLD AN
SSPC CERTIFICATION







TOTAL NUMBER OF CANDIDATES TRAINED & CERTIFIED PER YEAR



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.

 <p>Onsite/Licensee</p> <p>Bring a course to your facility at a time convenient to you or visit one of our licensees near you. See page 54 – 55 for a full list of licensees.</p>	 <p>Public Offerings</p> <p>Our courses are offered throughout the year all around the world. Find one today by visiting sspc.org.</p>	 <p>Hands-On Learning</p> <p>Test your field knowledge. Our equipment providers supply the tools needed to enhance your hands on experience.</p>	 <p>eCourses</p> <p>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 37 – 45.</p>
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Follow us to learn more and stay up-to-date on courses offered near you.



ABRASIVE BLASTING CERTIFICATION



Difficulty 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: \$845 | Non-member: \$1,045



Credits: 0.75 CEUs



Certification Term: 5 years



Prerequisites: Yes, prerequisites can be found at shop.sspc.org.



The “Provide Your Own Training” Program is available for this course. See page 53. This course is also available through licensed providers. See pages 50 – 51 for contact information.

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



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.

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, facility owners, contractor personnel who wish to obtain certification, and others who wish to learn about dry abrasive blast cleaning of steel.

Languages this Course is Offered in:

C7 is available in English, Japanese, Spanish, Portuguese, Arabic, and Bahasa.

ACAS

AEROSPACE COATING APPLICATION SPECIALIST CERTIFICATION PROGRAM



Difficulty Level: Advanced



Duration: 2 days / 16 hours (includes hands-on skill assessment)



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



Cost: Member: \$825 | Non-member: \$1,025



Credits: N/A



Certification Term: 5 years

Prerequisites: Yes, prerequisites can be found at shop.sspc.org.



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 Application 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 satisfies the requirement. 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.) SSPC Aerospace Maintainer Coating Application Training (pg. 12) is an example of courses that would qualify:
- 2 Apply for SSPC ACAS Certification by registering for the exam and submitting your prerequisite form.

Who Should Attend

Facility owners, contractors and certifying agencies may use this program for certification of surface preparation and coating application to surfaces of aircraft structures.

DoD Funded Training

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 this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412.281.2331, ext. 2221 or Jennifer.Merck@amp.org.

AEROSPACE ENGINEER COATING APPLICATION TRAINING



Difficulty Level: Level 1 - Basic | Level 2 - Intermediate
Level 3 - Advanced



Duration: 4 days / 32 hours (includes course exam)



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



Cost: Member: \$1,020 | Non-member: \$1,220

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

DoD Funded Training

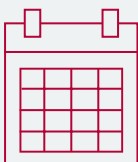
Under the DoD Corrosion Prevention and Control Program, funding has been provided to train DoD, Army, Navy, Air Force, Marines, and Coast Guard personnel in this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412.281.2331, ext. 2221 or Jennifer.Merck@ampp.org.

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.



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 <https://www.sspc.org/training-certification-ecourses/> for more information or visit page 41 in this catalog.

AERO MAIN

AEROSPACE MAINTAINER COATING APPLICATION LEVEL 1 TRAINING



Difficulty 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



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.*

BRIDGE COATINGS INSPECTOR PROGRAM



Difficulty Level: Level 1 - Basic
Level 2 - Intermediate



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: Dependent on level (see table).
Prerequisites can be found at shop.sspc.org.

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, 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), Prerequisites: No
Member: \$1,145 | Non-member: \$1,345

Level 1/2: Course, Course Exam, and Certification Exam (6 days), Prerequisites: Yes
Member: \$1,545 | Non-member: \$1,745

Course Exam Only (1 day):
Member: \$300 | Non-member: \$500

Certification Exam Only (1 day)
Member: \$500 | Non-member: \$700

Course Format

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

On Day 5, the Level 1 Course Exam is given. Students have 2 hours to complete the 100-question, multiple-choice test and hands-on, practical exam. On Day 6, students who pass the course exam at 80% or higher can take the written and 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 written certification and inspection training exam with a 80% and attend all 40 hours of the course.
See www.sspc.org/training-and-education/ 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



Difficulty Level: Advanced



Duration: 5 days / 40 hours (includes course exam)

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

Cost: Member: \$1,095 | Non-member: \$1,295

Credits: 3.8 CEUs

Certification Term: N/A

Prerequisites: No

Course Description

This is a 5-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 control

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-question, multiple-choice exam. The practical exam features 8 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



Difficulty Level: Level 1 - Basic | Level 2 Interim Status- Intermediate | Level 2 Full Status - 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 shop.sspc.org.

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

Level 1

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

Level 2

The **SSPC Coating Application Specialist Level 2** certification program requires passing a closed-book written exam drawn from the core areas of SSPC's 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 (CAS) Level 1 - Half Day Written Exam

Written exam: Member: \$250 | Non-member: \$350

Coating Application Specialist (CAS) Level 2 - Interim or Full Status

2-Day written exam & hands-on skills assessment

Written exam: Member: \$200 | Non-member: \$300

Hands-on exam: Member: \$675 | Non-member: \$775

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 3 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 38 for information on the Trainthepainter representatives, program and project managers, and resident engineers.*

Languages this Course is Offered in:

CAS L1 available in Chinese, English, Spanish, and Turkish.

CAS L2 Interim available in Chinese, English, Spanish, Greek, and Portuguese.

CAS L2 Full available in English, Greek, Polish, Portuguese, Spanish, and Turkish.

CAS LEVEL 3

COATING APPLICATION SPECIALIST - LEVEL 3



Difficulty Level: Advanced



Duration: Each module is: 2 days / 16 hours (includes written exam & hands-on training)



Cost: All 7 Programs:
Member: \$499 | Non-member: \$699
Individual Programs:
Member: \$99 | Non-member: \$149

Prerequisites: CAS Level 2
Visit www.sspc.org for more information and complete module descriptions.

Languages this Course is Offered in:

CAS Level 3 available in English, Spanish, and Turkish.

CAS Level 3

Obtaining a CAS Level 3 Status is attainable by achieving a CAS Level 2 Full Status and a minimum of 3 of the specialty modules, and a minimum of 8 years of verifiable relevant work experience. These 7 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 Jennifer.Merck@ampp.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

The package includes:

- Student manual
- Written exam
- Written exam answer key

Equivalent:

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

- Instructor manual
- Slide presentation

CAS REF

COATING APPLICATION SPECIALIST – REFRESHER



Difficulty 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

Languages this Course is Offered in:

CAS REF is available in English, Turkish, and Spanish.

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



Difficulty Level: Basic



Duration: 4 days / 32 hours (includes written exam)



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



Cost: Member \$1,300 | Non-member \$1,500



Credits: 3.0 CEUs

Certification Term: N/A

Prerequisites: No

Course Description

The CCAS Level 1 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. This course offers 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 application methods on concrete coating projects.

Course Content

- General health and safety for coating concrete
- Role of quality personnel in concrete coating applications
- Concrete composition and durability
- Concrete assessment prior to coating application
- Repairing concrete prior to coating application
- Surface preparation of concrete prior to coating application
- 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 concrete coating 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
- Discuss the importance of concrete surface profile
- Prepare a concrete surface for coating application
- Identify materials commonly used to coat concrete
- Demonstrate commonly used methods for applying concrete coatings

Coming Soon!

The Level 2 part of the program is currently in development. Please check www.sspc.org and social media channels for updates.

Course Format

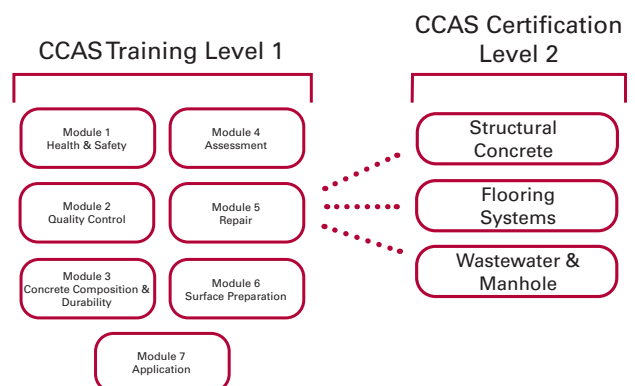
The training level course contains seven core modules, workshops, hands-on exercises, and quizzes. At the end of the course, a 50-question, multiple-choice final exam is given. In addition to completing all of the course modules, a passing grade of 70% or higher is needed on the final, written exam to receive a certificate of completion, CEUs, and to move on to 1 of the 3 concrete coating applicator certification tracks.

Certification Format

There are 3 certifications that can be pursued after successful completion of the training level course: structural concrete, wastewater and manhole, and flooring systems. 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 certification and CEUs.

Who Should Attend

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



CONCRETE COATING INSPECTOR



Difficulty Level: Advanced



Duration: Dependent on chosen level (see table)



Class Time: Days 1 – 4: 8:00 AM - 5:00 PM
Day 5: 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 shop.sspc.org.

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 quality assurance and quality control 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: \$945 | Non-member: \$1,145

Level 1/2

Duration: 4.5 days / 36 hours (Includes Level 1/2 written and practical and Inspection Plan Certification Exam)

Cost: Member: \$1,145 | Non-member: \$1,345

Level 2-Certification Exam Only

Duration: Half day / 4 hours

Cost: Member: \$500 | Non-member: \$700

Important: *The Concrete Coating Basics eCourse (CCB) 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-question, multiple-choice exam 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-question, multiple-choice exam, 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.

This is a hybrid course featuring both online and in person training.

FUNDAMENTALS OF PROTECTIVE COATINGS



Difficulty Level: Basic



Duration: 5 days / 40 hours (includes written exam)



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



Cost: Member: \$1,020 | Non-member: \$1,220
Exam only option (1 day): Member: \$250 | Non-member: \$450



Credits: 3.8 CEUs



Certification Term: N/A

Prerequisites: No



This course is also available through licensed providers. See pages 50 – 51 for contact information.

Course Description

This course provides a practical and comprehensive overview for those who are new to the protective coatings industry. It is also an ideal refresher for reviewing the fundamentals of corrosion and the use of coatings as a protective mechanism against corrosion and deterioration of industrial structures.

Course Content

- Corrosion and corrosion control
- Coating types and their mechanisms and protection
- Surface preparation for painting
- Application of coatings
- Inspection and quality control
- Coatings for steel structures
- Coating degradation, defects, and failures
- Coating of concrete surfaces
- Safety in painting operations

Benefits of Attending

After attending this course you will be able to:

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

Course Format

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

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

Who Should Attend

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

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

Languages this Course is Offered in:

C1 is available in English and Spanish.

This is available as an instructor-led training course.

This hybrid learning course allows you to take part in all the lecture material online with a live instructor, as well as take quizzes and exams electronically.

SSPC's instructor-led training courses are ideal for students unable to attend a regular, public offering. The instructor-led training course features the same units that are used in the onsite classes but are available completely online over a 10 day period.

GROUND VEH

GROUND VEHICLE CORROSION/PROTECTIVE COATINGS COURSE



Difficulty Level: Basic



Duration: 5 days / 40 hours (includes course exam)



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



Cost: Member: \$1,095 | Non-member: \$1,295

Credits: 3.8 CEUs

Certification Term: N/A

Prerequisites: No

Course Description

This course provides a comprehensive overview for army depot personnel who wish to be trained on how to properly prepare and apply coatings on ferrous and non-ferrous metals. The course will offer demonstrations that focus on hand and power tool cleaning, abrasive blast cleaning, and coating application. After the completion of this training course, depot worker personnel should be able to demonstrate proper preparation and coating application methods commonly used on ferrous and non-ferrous metals.

Course Content

- Corrosion basics
- Principles of surface preparation
- Hand and power tool cleaning
- Abrasive blast cleaning overview
- Abrasive blast cleaning equipment
- Blasting ferrous and non-ferrous metals
- General Coating Information
- Brush and roller application
- Airless, plural, and conventional spray application

DoD Funded Training

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 this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412.281.2331, ext. 2221 or Jennifer.Merck@ampp.org.

Benefits of Attending

After attending this course you will be better able to:

- Explain how paint/coatings are used to control corrosion
- Recognize the various surface cleanliness standards commonly used for abrasive blast cleaning
- Identify the requirements of SSPC-SP 2
- Identify commonly used power tools used to clean steel/metal
- Identify the key safety concerns prior to and during abrasive blast cleaning
- Identify how the air compressor, air drying equipment, and air hoses function within the larger abrasive blast cleaning equipment set-up
- Identify how the metering valve and deadman switch work within the larger abrasive blast cleaning equipment set-up
- Recognize the function of a blast pot within an abrasive blast cleaning system
- Identify how to select the right abrasive for the project
- Discuss the proper surface preparation procedures for working with non-ferrous metals
- Recognize proper coating storage conditions
- Identify proper mixing setup and technique
- Define the terms pot life, induction time, and recoat window
- Identify how to use a WFT gage
- Describe how to calculate proper DFT and WFT with and without thinning
- Describe how to properly operate an airless spray system
- Describe how to use proper spray application techniques

Course Format

The training course contains 19 core modules, workshops, demonstrations, 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 written exam to receive a certificate of completion and obtain CEU's.

Who Should Attend

Depot workers who are responsible for surface preparation and coating application on ferrous and non-ferrous metals.

INTUMESCENT FIREPROOFING COATING APPLICATION SPECIALIST



Difficulty Level: Basic



Duration: 2.5 days/20 hours (includes written exam)



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

Credits: 2 CEUs

Certification Term: N/A

Prerequisites: No; but SSPC C12 or SSPC CAS is recommended.

Fire is a present danger to commercial and industrial structures, creating an industry with a high demand for fire protection.

The application of intumescent coatings is becoming increasingly important in transportation, specialty coatings sub-segments, onshore and offshore oil/gas production, and commercial and industrial construction. Our new Fireproofing Applicator training will give you a head start in this quickly growing area of the industry.

Course Description

This course is designed to provide basic, non-product specific, training to industrial applicators on the fundamentals of applying intumescent coatings for the purpose of passive fire protection. In addition to classroom learning and workshops, attendees will participate in hands-on application workshops throughout the course.

Course Content

- Basics of Fire Protection
- Intumescent Coatings
- Key Documents
- Surface Preparation
- Application
- Quality Control

Benefits of Attending

After attending this course, you will be able to:

- Identify the different types of fire protection and fire protection materials
- Recognize how different types of fires affect steel
- Explain how intumescent coatings work
- Describe the differences between thin and thick film intumescent coatings
- Recognize requirements and guidelines stated in key technical documents
- Describe the different methods of surface preparation used for intumescent coating installations
- Recognize equipment used for surface preparation
- Identify commonly used methods of applying intumescent coatings
- Demonstrate proper application techniques
- Recognize basic quality control methods and measures

Course Format

This course is delivered through classroom lecture, written exercises, hands-on workshops, and quizzes. At the end of instruction on the final day, the instructor will administer a closed-book, written exam consisting of 25 multiple-choice questions on the body of knowledge presented during classroom lectures. In addition to attending all of the course modules and participating in each workshop, a passing grade of 70% or higher is needed on the final exam to receive a certificate of completion and CEUs.

Who Should Attend

Coating applicators and other personnel who are responsible for the application of intumescent fireproofing coatings should attend this course. It is recommended that attendees have an SSPC C12 or CAS certification or at least 3-5 years of experience with spray application of liquid protective coatings.

Why Take this Course

Fire is a present danger to commercial and industrial structures, creating an industry with a high demand for fire protection. The application of intumescent coatings is becoming increasingly important in transportation, specialty coatings sub-segments, onshore and offshore oil/gas production, and commercial and industrial construction. Our new Fireproofing Applicator training will give you a head start in this quickly growing area of the industry.

LEAD/HAZARDOUS COATING REMOVAL



Difficulty Level: Intermediate



Duration: 4 days / 32 hours (includes written exam)



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

Cost: Member: \$995 | Non-member: \$1,195

Credits: 3.0 CEUs

Certification Term: N/A

Prerequisites: No



This course is also available through licensed providers. See pages 50 – 51 for contact information.

Course Description

C3 contains specific discussions on protecting workers, compliance with environmental regulations, proper management of waste streams, 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 and 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

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 exam 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, other consultants, and specifying or project managers.



See page 23 for state requirement information.

LEAD/HAZARDOUS COATINGS REMOVAL REFRESHER



Difficulty 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 shop.sspc.org.



This course is also available through licensed providers. See pages 50 – 51 for contact information.

Course Description

This 1-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

The SSPC C5 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 2 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 2 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.

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.

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, The Training Program Coordinator 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



Difficulty 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 1-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

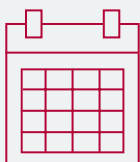
Course Format

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, and design engineers.

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



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 <https://www.sspc.org/training-certification-ecourses/> for more information or visit page 41 in this catalog.

MPCAC, C14

MARINE PLURAL COMPONENT



Difficulty 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: \$845 | Non-member: \$1,045



Credits: 0.8 CEUs



Certification Term: 4 years



Prerequisites: Yes, prerequisites can be found at shop.sspc.org.

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 and 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

Languages this Course is Offered in:

C14 is available in English, Japanese, and Spanish.

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

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.

MASTER COATINGS INSPECTOR

The goal of the Master Coatings Inspector program is to recognize and honor individuals whose experience and training has afforded them the prestige of multiple inspector certifications. SSPC recognizes and respects their commitment and dedication to the industry to maintain professional qualifications.

If you are one of these highly trained and experienced individuals, SSPC would be honored to have you apply for Master Coatings Inspector recognition. There is no cost to file the application or maintain the recognition. To qualify, you must hold a current certification for CCI and any two of the following programs: CIP, 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 an honorary pin recognizing your achievement. You will be recognized in the JPCL and other industry publications via a press release issued on your behalf.

Once you are a Master Coatings Inspector, you will always be a Master Coatings Inspector. But to remain on SSPC's active list of MCIs, you will be required to file your annual renewal and maintain your individual certifications. Otherwise, you will be placed on the inactive list. However, you will still be considered a Master Coatings Inspector.

This course is composed of 13 core units with most modules supplemented by quizzes. Students are able to access the units online whenever is convenient to them but must take the written exam in person. The written exam consists of 100, multiple-choice questions. To receive a certificate and CEUs, you must attend all 24 hours of the course and attain a 70% or better score on the exam. To set up the exam, contact Silvia Palmieri at 412.281.2331, ext. 2201 or palmieri@sspc.org.



FAQ 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 elements 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 412.281.2331, ext. 2201 or palmieri@sspc.org.

Can't Make it to One of Our Public Course Offerings? Let SSPC Bring the Course to You!

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

Consider these benefits:

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

To receive a proposal for an onsite 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 Sara Badami at Sara.Badami@ampp.org. Please include your full contact information and a customized proposal will be emailed to you within 3-5 business days.

NAVSEA BASIC PAINT INSPECTOR



Level: Advanced



Duration: 5 days / 40 hours (includes written exam)



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



Cost: Member: \$1,345 | Non-member: \$1,545



Credits: 4.0 CEUs



Certification Term: 4 years



Prerequisites: Yes, prerequisites can be found at shop.sspc.org.



Course Description

The NBPI course is a 5 day inspection course that was developed by Naval Sea Systems Command (NAVSEA) to train coatings inspectors to inspect critical coated areas as defined by US Navy policy documents. These areas include (but are not limited to): cofferdams, decks for aviation and UNREP, chain lockers, underwater hulls, bilges, tanks, voids, well deck overheads, and others.

Course Content

- Corrosion
- Corrosion control
- Inspection of corrosion
- NAVSEA documents
- Chemical or detergent cleaning methods
- Mechanical cleaning methods
- Abrasive blast cleaning
- Waterjetting and alternative surface preparation methods
- Surface preparation method selection
- Coatings
- Safety
- Coating application
- Coating defects and failures
- Specialty coatings and surfaces
- Coating inspector preparation
- Condition assessment
- Coatings inspection instrument exercises and workshops

Languages this Course is Offered in:

NBPI is available in English and Japanese.

DoD Funded Training

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 this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412.281.2331, ext. 2221 or Jennifer.Merck@amp.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 4 days are devoted to classroom lecture and extensive hands-on training. On Day 5, 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



Difficulty Level: Advanced



Duration: 5 days / 40 hours (includes written exam and hands-on skill assessment)



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



Cost: Member: \$1,020 | Non-member: \$1,220
Exam only option (1 day): Member: \$250 | Non-member: \$450

Credits: 3.9 CEUs

Certification Term: N/A

Prerequisites: No

Course Description

This course is designed to provide those who understand coating fundamentals with an overview of the principles of planning, awarding, and monitoring the quality of new construction or maintenance painting projects. After completing this training program, students will be familiar with tools to develop effective coating projects and play a more active role in managing painting projects to successful completion.

Course Content

- Roles and responsibilities of contracting parties
- Specifications for coatings projects
- Preparing, awarding, and managing coating contracts
- Quality management
- New construction and maintenance painting
- Economic considerations for industrial coating projects
- Coating failures - causes, identification, and analysis
- Safety and environmental concerns for owners and coating contractors

Benefits of Attending

After attending this course you will be able to:

- Identify the key issues in managing a coatings project, including contracts, specifications, coating selection, and the roles of project participants
- Analyze and prepare a coating specification through the use of corporate engineering standards
- Recognize the cost of corrosion and select materials to mitigate it
- Estimate accurately in project cost analysis
- Define scheduling requirements, exposure environments, and coating systems for new construction
- Conduct facility condition surveys and analysis 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 licensed providers. See pages 50 – 51 for contact information.

Languages this Course is Offered in:

C2 is available in English, Chinese, and Spanish.

Course Format

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

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

Who Should Attend

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

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

This is available as an instructor-led training course.

This hybrid learning course allows you to take part in all the lecture material online with a live instructor, as well as take quizzes and exams electronically.

SSPC's instructor-led training courses are ideal for students unable to attend a regular, public offering. The instructor-led training course features the same units that are used in the onsite classes but are available completely online over a 10 day period.

PLURAL COMPONENT APPLICATION FOR POLYUREA & HIGH SOLIDS COATINGS



TRAINING

Difficulty 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

Difficulty 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: \$1,195

Credits: 1.5 CEUs

Certification Term: 5 years

Prerequisites: Yes, prerequisites can be found at shop.sspc.org.

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, and 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.

PROTECTIVE COATINGS SPECIALIST



Difficulty 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 shop.sspc.org.



This course is also available through licensed providers. See pages 50 – 51 for contact information.



Protective Coatings Specialist

PCS

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.

Languages this Course is Offered in:

PCS is available in English, Chinese, and Spanish.

PCS Program Requirements Include:

	Work Experience	Education	C1	C2
Option A	5 years	Bachelor's degree	C1 exam only	C2 course and exam
Option B	7 years	Associate degree	C1 exam only	C2 course and exam
Option C	10 years	High School diploma or GED	C1 exam only	C2 course and exam
Option D	15 years	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 412.281.2331, ext. 2201 to make an appointment.

SPRAY APPLICATION CERTIFICATION



Difficulty 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: \$845 | Non-member: \$1,045



Credits: 0.8 CEUs



Certification Term: 5 years

Prerequisites: Yes, prerequisites can be found at shop.sspc.org.



The "Provide Your Own Training" Program is available for this course. See page 53. This course is also available through licensed providers. See pages 50 – 51 for contact information.

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, written certification 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

Languages this Course is Offered in:

C12 is available in English, Arabic, Spanish, Bahasa, Japanese, and Portuguese.

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.

C6

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



Difficulty 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: \$820 | Non-member: \$1,020



Credits: 0.7 CEUs



Prerequisites: Yes, prerequisites can be found at shop.sspc.org.



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 and power tool cleaning and brush and 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

Languages this Course is Offered in:

C6 is available in English and Chinese.

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.



SHIPBOARD

SURFACE PREPARATION & PAINT APPLICATION FOR SHIPBOARD



Difficulty 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

DoD Funded Training

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 this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412.281.2331, ext. 2221 or Jennifer.Merck@ampp.org.

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 and power tool and brush and 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



TRAINING

Difficulty 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 1-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

DoD Funded Training

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 this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412.281.2331, ext. 2221 or Jennifer.Merck@ampp.org.



CERTIFICATION

Difficulty 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 Sara.Badami@ampp.org for an onsite proposal.

Credits: 0.8 CEUs

Certification Term: 5 years

Prerequisites: Yes, prerequisites can be found at shop.sspc.org.

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 2, 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, or craftworkers involved in applying thermal spray technology should take this course.

THERMAL INSP

THERMAL SPRAY INSPECTOR TRAINING



Difficulty 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 shop.sspc.org.

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 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

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.

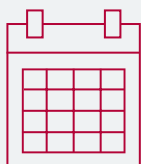
Who Should Attend

This course is suited for project supervisors, inspectors involved in NAVSEA, and DOT thermal spray projects.



Languages this Course is Offered in:

THERMAL INSP is available in English and Chinese.



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 <https://www.sspc.org/training-certification-ecourses/> for more information or visit page 41 in this catalog.

C13

WATERJETTING PROGRAM



Difficulty 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: \$845 | Non-member: \$1,045



Credits: 0.6 CEUs



Prerequisites: Yes, prerequisites can be found at shop.sspc.org.



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

Languages this Course is Offered in:

C13 is available in English, Japanese, and Spanish.



This course is also available through licensed providers. See pages 50 – 51 for contact information.

Course Format

Each candidate will receive a comprehensive manual that includes copies of relevant standards. The 1-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 2 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.



eCOURSE INFORMATION

GENERAL eCOURSE INFORMATION



eCourses feature the same units (converted into a series of web pages) that are used for in-person classes. Each semester is 16 weeks (4 months). Students can work at their own pace over the 16 week period to complete the units, workshops, quizzes, and final exam. 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.



BASICS OF STEEL SURFACE PREPARATION eCOURSE (BSSP)



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, and waterjetting and the associated standards referenced when these methods are used to prepare steel for the application of protective coatings.

Course Content

- Surface preparation: A three-step process
- Evaluating job site conditions
- Evaluating the initial condition of the steel surface
- Using SSPC VIS 1
- Recognizing and repairing surface imperfections
- Recognizing and removing surface contaminants
- Abrasives and abrasive standards
- SSPC dry abrasive blast cleaning standards
- SSPC hand and power tool standards
- SSPC's waterjetting standard

Course Format

SSPC's Basics of Steel Surface Preparation eCourse features 10 units as a series of web pages that students can access whenever it is convenient to them. After completing the 20-question exam online, students receive their final grade immediately.

Benefits of Attending

After completing this brief course, you'll recognize the basic steps in the steel surface preparation process and what needs to be done to achieve the level of cleaning described in the cleanliness standard specified by the job specification (contract).

Who Should Attend

Anyone unfamiliar with steel surface preparation work who wants to learn more about the techniques and terminology used. To learn more about surface preparation of steel, SSPC's Abrasive Blaster Certification Program (C7) is highly recommended. SSPC's Waterjetter Certification Program (C13) covers waterjetting in greater depth. In addition, many of the topics covered here and further information about protective coatings are addressed in more detail in SSPC's Fundamentals of Protective Coatings (C1), which is also available as an eCourse as well as an in person program.

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.

Find the most up-to-date information on all of these eCourses online at sspc.org/training-certification-ecourses

Also available as eCourses:

SSPC's Fundamentals of Protective Coatings (C1) and Planning and Specifying Industrial Coatings Projects (C2) are available as eCourses. Read more about them on pages 19 and 28.

Fundamentals of Protective Coatings (C1) p. 19

Planning and Specifying Industrial Coatings Projects (C2) p. 28



eCOURSES

NEW CRAFTWORKER eCOURSES

SSPC Trainthepainter is an innovative and unique coating applicator training program which has been written and developed by industry experts. The training material covers all aspects of surface preparation and coating application. They include the Abrasive Blaster Basics eCourse (ABB), Applicator Basics eCourse (AB), and Spray Applicator Basics eCourse (SAB). They all are being offered at introductory pricing.

There are 3 steps to achieve craftworker online training:

- 1 Take Abrasive Blaster Basics eCourse (AAB)
- 2 Take Applicator Basics eCourse (AB)
- 3 Take Spray Applicator Basics eCourse (SAB)

1 ABRASIVE BLASTER BASICS eCOURSE (ABB)

Estimated Completion Time: 16 hours

Cost: Member: \$340 | Non-member: \$560 | Flex Points: N/A



Course Description

The eCourse delivers extensive training on 25 units, that cover the theoretical aspects of abrasive blasting and gives craftworkers the knowledge and skill set for surface preparation on industrial and marine substrates.

Course Content

- Introduction
- Standards & Quality Control
- Health & Safety
- Operational Procedures
- Blast Media
- Process Control

Course Format

Each participant will access the course materials and complete the exercises online. The written exam consists of 48 multiple-choice questions. To receive a certificate and CEUs, you must complete each module, workshop, and quiz and attain at least 70% on the exam.



TOP 5 REASONS TO TAKE SSPC'S NEW CRAFTWORKER eCOURSES:

- Due to the current situation with COVID-19 that requires many people to work remotely, Superintendents/Foremen can have their craftworkers take these online courses as a refresher or to learn basic surface preparation and coating application. Please Note: SSPC C7 and C12 do not require a formal training prerequisite, but these TTP eCourses are good preparation to taking C7 and C12.
- Take these three courses to get 56 hours of formal training, that can go towards a craftworker's required formal training hours needed to renew their CAS certification.
- Take advantage of the introductory special pricing. The cost is 20% off the normal member rate and 10% off the normal non-member rate.
- Anyone in the world can take these online classes and they are available in three languages: English, Spanish, and Portuguese.
- SSPC craftworker training programs are the first across-the-board standard for industrial painters used throughout the industry, and our long track-record of success and wide acceptance of our programs is proof of that!

Languages these eCourses are Offered in:

This craftworker eCourse is available in English, Spanish, and Portuguese.

Benefits of Attending

After attending this course you will be able to:

- Recognize the health and safety regulations with regards to abrasive blast cleaning, including compressed air, high pressure plant and equipment
- Describe the health and safety regulation for personal protection
- Describe the corrosion process and state how abrasive blast cleaning removes corrosion products
- Identify the pre-preparation requirements on steel surfaces prior to abrasive blast cleaning
- Explain the abrasive blast cleaning process including the equipment types, equipment set up and use
- Differentiate various types of blast cleaning processes (centrifugal, wet, sponge blasting, etc.) used and the different types of abrasives employed
- Discuss the quality control requirements for abrasive blast cleaning, including visual standards, cleanliness, surface profile

Who Should Attend

Craftworkers, surveyors, estimators, engineers and anyone who has an interest in learning the basics of surface preparation and application of coatings.

Want to take these units in-person?

The Abrasive Blaster Basics eCourse (ABB), Applicator Basics eCourse (AB), and Spray Applicator Basics eCourse (SAB) are all units from our SSPC Trainthepainter (TTP) program. See page 38 to read more on our TTP in-person program.

2 APPLICATOR BASICS eCOURSE (AB)

Estimated Completion Time: 36 hours
Cost: Member: \$675 | Non-member: \$945 | Flex Points: N/A



Course Description

The eCourse delivers extensive training on 76 units, for those who are new to the protective coatings industry, and can serve as a refresher for a seasoned craftworker. The curriculum covers the importance of proper surface preparation to help prevent corrosion and coating systems failures.

Course Content

- Health and Safety
- Access, Plant and Equipment
- Surface Preparation
- Coating Types
- Coating Application
- Quality Control

Course Format

Each participant will access the course materials and complete the exercises online. The written exam consists of 73 multiple-choice questions. To receive a certificate and CEUs, you must complete each module, workshop, and quiz and attain at least 70% on the exam.

Languages these eCourses are Offered in:

This craftworker eCourse is available in English, Spanish, and Portuguese.

Benefits of Attending

After attending this course you will be able to:

- Recognize the health and safety regulations with regards to hand and power tool cleaning, including compressed air, and high pressure plant & equipment
- Discuss the health and safety regulations for personal protection
- Describe the corrosion process and explain how protective coatings can protect steel structures from corrosion
- Reference the methods of surface preparation and standards used prior to coating application
- Demonstrate knowledge on the painting process, including the use of brushes and rollers etc.
- Explain processes for mixing and applying paint, including the equipment types, equipment set up, and proper use
- Recall the quality control requirements for brush and roller application of coatings, wet and dry film thickness, drying and curing, environmental conditions etc.

Who Should Attend

Craftworkers, surveyors, estimators, engineers and anyone who has an interest in learning the basics of surface preparation and application of coatings.

3 SPRAY APPLICATOR BASICS eCOURSE (SAB)

Estimated Completion Time: 8 hours
Cost: Member: \$170 | Non-member: \$370 | Flex Points: N/A



Course Description

The eCourse delivers extensive training on 17 units, that cover the theoretical aspects of how to apply protective coatings to steel and other surfaces via conventional, plural component, or airless spray equipment. Through the lecture material, craftworkers are trained to a high standard to serve in the marine and industrial industry.

Course Content

- Introduction
- Airless Spray Equipment
- Health & Safety
- Conventional Spray
- Paint Materials
- Plural Component Spray

Course Format

Each participant will access the course materials and complete the exercises online. The written exam consists of 45 multiple-choice questions. To receive a certificate and CEUs, you must complete each module, workshop, and quiz and attain at least 70% on the exam.

Languages this eCourse is Offered in:

This craftworker eCourse is available in English, Spanish, and Portuguese.

Benefits of Attending

After attending this course you will be able to:

- Recognize the health and safety regulations with regards to spray painting, including compressed air, high pressure plant and equipment
- Recognize the health and safety regulation for personal protection
- Describe the corrosion process and explain how protective coatings can protect steel structures from corrosion
- Demonstrate knowledge on the spray painting process including the equipment types, equipment set up for airless spray, conventional spray and plural component
- Demonstrate knowledge on the paint mixing and application process including the equipment types, equipment set up and use
- Compare the different methods of spray painting equipment, such as electric and pneumatic
- Identify the quality control requirements for spray application of coatings, wet and dry film thickness, drying and curing, environmental conditions etc.

Who Should Attend

Craftworkers, surveyors, estimators, engineers and anyone who has an interest in learning the basics of surface preparation and application of coatings.

eCOURSES



CONCRETE COATING BASICS

eCOURSE (CCB)



Estimated Completion Time: 8 hours

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



Course Description

The online course provides a practical and comprehensive overview for those who are new and inexperienced 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 2-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

Course Format

This online course contains core content modules, workshops, and quizzes. At the end of the course, a 50-question, multiple-choice final exam 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.

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

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.



FUNDAMENTALS OF COATING APPLICATION & INSPECTION eCOURSE (CTG APP INSP)



Estimated Completion Time: 8 hours

Cost: Member: \$995 | Non-member: \$1,195

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.

Course Content

- Protective coatings application
- Abrasive blast cleaning
- Spray painting
- Inspection and engineering

Course Format

To pass the course, candidates must get a 70% or higher 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.

Languages this Course is Offered in:

CTG APP INSP is available in English and Spanish.

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



INDUSTRIAL COATING SAFETY MANAGEMENT TRAINING eCOURSE (SAFETY)



Estimated Completion Time: 24 hours
Cost: Member: \$845 | Non-member: \$1,045 | Flex Points: 15



Course Description

This eCourse will provide participants with knowledge and skills necessary to be a competent person related to safety and health programs in industrial coating operations. The course will cover recognizing hazards encountered in industrial coating projects, controlling those exposures, and risk management/insurance. This course will be delivered in 16 units featuring lecture, workshops, quizzes, and a multiple choice assessment.

Course Content

- Role of the Contractor's Safety Director or Manager
- Managing Risk
- Commonly Encountered Industrial Coating Occupational Hazards
- Recognizing Impairment
- Real Costs of Accidents
- Effective Disciplinary Action
- Feasibility of Safety Committees
- Pros and Cons of Worker Incentives
- EMR's
- Industry Standards

Course Format

Each participant will access the course materials and complete the exercises online. The written exam consists of 50 multiple-choice questions. To receive a certificate and CEUs, you must complete each module, workshop, and quiz and attain at least 70% on the exam.

Benefits of Attending

After attending this course you will be 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
- Analyze accident reports and the implementation of various prevention methods
- Explain the implementation of a site-specific safety and health plan by the on-site competent person

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 at least 1 year to 10 years.



NAVIGATING NAVSEA STANDARD ITEM 009-32 eCOURSE (009-32)



Estimated Completion Time: 24 hours
Cost: Member: \$395 | Non-member: \$595 | Flex Points: 6



Course Description

This eCourse 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.



Course Content

- Introduction to NAVSEA Standard Item 009-32
- Surface preparation criteria
- Coating application criteria
- Inspection and documentation criteria
- Tables 1-9: Criteria for options for different specific vessel areas
- Exercises on navigating the standard item and its tables and ASTM F718 product data sheets

Course Format

Each participant will access the course materials and complete the exercises online. The written exam consists of 25 multiple-choice questions. To receive a certificate and CEUs, you must complete all modules and exercises and attain at least 70% on the exam.

Benefits of Attending

After attending this course you will be able to:

- Describe the general content of NAVSEA Standard Item 009-32
- Locate sources for standards referenced in the Standard Item
- Use the criteria it presents to accomplish the painting requirements outlined for U.S. Navy surface ships, submarines, and aircraft carriers

Who Should Attend

Those coating contractors, inspectors, and suppliers who need to gain a better understanding of the NAVSEA 009-32 requirements.

DoD Funded Training

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 this course. For more information on how to take advantage of attending this course for free, contact Jennifer Merck at 412.281.2331, ext. 2221 or Jennifer.Merck@amp.org.

eCOURSES



QUALITY CONTROL SUPERVISOR eCOURSE (QCS)



Estimated Completion Time: 16 hours
Cost: 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. It is highly recommended that students 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 and requirements
- Training and qualifications
- Technical resources
- Quality manuals and procedures
- Documentation and data control
- Calibration programs
- Contract document and specification review
- Work plans and process control procedures
- Inspection plans
- Inspection reports
- Internal audits

Languages this Course is Offered in:

QCS is available in English and Spanish.



Course Format

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

Exercise and workshop topics include: interpreting project specification and product data sheet information, developing a work plan, developing an inspection plan, and reviewing inspection reports.

Benefits of Attending

After attending this course you 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

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).



USING SSPC-PA 2 EFFECTIVELY (PA 2)

Estimated Completion Time: 16 hours

Cost: Member \$250 | Non-member \$350 | Flex Points: 6



Course Description

In this eCourse, Bill Corbett, chair of the SSPC Education Committee and the SSPC Dry Film Thickness committee, which is responsible for the SSPC-PA 2 standard, demonstrates on video how to complete the measurements described in the SSPC-PA 2 standard. Through visual examples, many filmed at an actual job site, students will learn the frequency of spot measurements on pipe spools, test panels, coated steel beams and pipe sections. Students will also gain valuable practice in determining whether the film thickness in a given area conforms to the various coating thickness restriction levels available within SSPC-PA 2.



Course Content

- Introduction to the Standard and Key Definitions
- Gage Types and Principles for Use
- Calibration and Verification of Accuracy
- Performing Calculations
- Obtaining Gage Readings, Spot and Area Measurements
- Measurement frequency used for various structural shapes
- Film thickness tolerance levels
- Determining the magnitude of non-conforming film thickness

Workshops

- Coating Thickness Restriction Levels
- Spot and Area Measurements
- Determining the Extent of Nonconforming Areas
- Calculating Spot Measurements for a Pipe Spool

Course Format

Video is used to demonstrate gage verification, spot and area measurements, and determining the extent of nonconforming areas. Workshops give students practice in performing necessary calculations, examining coating thickness restriction levels, and determining measurement frequency.

The final exam consists of 25 multiple-choice questions. To receive a certificate and CEUs, you must complete all course units and attain a minimum 70% score on the exam



Benefits of Attending

After attending this course you will be able to:

- Describe the purpose and scope of SSPC-PA 2
- Recognize the differences between Type 1 and Type 2 gages
- Identify the process used to obtain accurate DFT measurements
- Distinguish between calibrating, verifying accuracy, and adjusting a gage
- Explain how to adjust a Type 2 DFT gage
- Recognize the importance of taking base metal readings (BMRs) when using a Type 1 gage
- Explain the difference between area measurements, spot measurements, and gage readings
- Calculate the number of areas, spot measurements, and minimum number of gage readings that must be acquired for various coated areas
- Establish whether or not measurements are within the tolerance of the various coating restriction levels listed in SSPC-PA 2
- Determine the magnitude of a nonconforming area
- Apply the methods for measuring dry film thickness as described in the standard and its appendices
- Explain the difference between full and sample DFT determinations

Who Should Attend

The importance of understanding SSPC-PA 2 cuts across several parties frequently involved with a coating or lining project, including:

- Facility owners, coating manufacturers, and engineering firms that specify SSPC-PA 2;
- Management and supervisors of painting contractor companies, steel fabrication shops and “blast & paint” shops that must comply with the standard as a contractual requirement; and
- Quality assurance and quality control coating inspectors who are responsible for inspecting the work, verifying conformance to the project specification, and demarcating areas based on the magnitude of the nonconforming thickness.

NEW – Purchase 3 eCourses and receive a 15% Discount!

eCourse Quantity Discount Pricing – for Organizations

eCourse training already offers huge savings compared to classroom training, but organizations can save even more by buying in bulk! We offer tiered discounts at quantities of 5, 10, and 25 students, with customized pricing for quantities over 50.

- Put 5 students into one eCourse and get 1 free student
- Put 10 students into one eCourse and get 3 free students
- Put 25 students into one eCourse and get 7 free students

NEW INSPECTION eCOURSES

SSPC has launched the following eCourses to give you the knowledge to be able to specialize in a particular coating inspection field. Take any of the following three inspection eCourses or take them all to gain expertise and knowledge in respective inspection specialties.

Take one of these three online programs:

- Fireproofing Inspector eCourse (FIRE INSP)
- Insulation Inspector eCourse (INSUL INSP)
- Pipeline Coating Inspector eCourse (PIPE INSP)



OPTION 1 FIREPROOFING INSPECTOR eCOURSE (FIRE INSP)



Estimated Completion Time: 8 hours
Cost:



Fireproofing Inspector Level 1 Training eCourse:
Member \$500 | Non-member \$700



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

Languages this Course is Offered in:

FIRE INSP is available in Chinese, English, Spanish, Russian, and Turkish.

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. 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.

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

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.

OPTION 2

INSULATION INSPECTOR eCOURSE (INSUL INSP)



Estimated Completion Time: 8 hours



Cost:

Insulation Inspector Level 1 Training eCourse:

Member \$500 | Non-member \$700



Insulation Inspector Level 2 Certification Exam:

Member \$300 | Non-member \$500

Course Description

The training material covers all aspects of thermal insulation and its use in the industry. The program covers basic corrosion, design, standards and specifications, quality assurance and quality control, health and safety, insulation inspector's duties, and the application of insulation.

Course Content

- Insulation overview
- Insulation systems, corrosion
- Insulation design, standards, and specification
- Quality assurance and quality control
- Safety and the insulation inspector
- Insulation inspector's duties
- Insulation application
- Conducting insulation surveys

Languages this Course is Offered in:

INSUL INSP is available in English, Spanish, and Chinese

Course Format

This course is taken online and 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.

Benefits of Attending

After attending this course you will be able to:

- Discuss the basic history of insulation products
- Recognize the different forms of insulation, such as hot, cold, acoustic, cryogenic, and personal protection
- Explain the factors that affect corrosion under insulation
- Recognize the causes of CUI and how it is detected and prevented
- Describe the common service requirements for insulation design, standards, and specifications
- Identify the hazards associated with insulation materials
- Identify the requirements for inspection plans and related checkpoints
- Describe the different types of documentation utilized on thermal insulation contracts
- Describe the objectives for conducting an insulation survey
- Recognize the reporting and documentation requirements for conducting insulation surveys

Who Should Attend

Engineers, managers, and plant and asset owners who have an interest in thermal insulation and inspection of insulation will benefit from studying this training material.

Languages this Course is Offered in:

PIPE INSP is available in English, German, and Spanish.

OPTION 3

PIPELINE COATING INSPECTOR eCOURSE (PIPE INSP)



Estimated Completion Time: 16 hours



Cost:

Pipeline Coating Inspector Level 1 Training eCourse:

Member \$700 | Non-member \$900



Course Description

The Pipeline Inspector Course is designed to provide inspectors with fundamental knowledge for the inspection of pipeline projects. The course will focus on the inspection tasks associated with pipelines, as well as common pipeline coatings, methods of surface preparation and application, safety, quality assurance, standards, and best practices.

Course Content

- Pipeline corrosion
- Quality control (QC) and quality assurance (QA)
- Safety and the pipeline inspector
- Pipeline inspector's duties
- Surface preparation prior to application of pipeline coatings
- Fusion-bonded epoxy coatings for pipeline protection
- Miscellaneous pipeline coatings
- Pipeline coatings testing
- Recommended practice and international standards

Who Should Attend

The training should be conducted by pipeline coating personnel, engineers, managers, plant and asset owners who have an interest in corrosion protection of pipelines.

Benefits of Attending

After attending this course you will be able to:

- Recognize the duties of a pipeline coating inspector
- Describe the surface preparation methods, such as centrifugal blast cleaning used on steel pipes.
- Identify different applicable standards used for pipeline inspection
- Identify how to use visual tools such as SSPC-VIS 1 when inspecting surface preparation of pipelines
- Identify the coating systems commonly used on pipelines
- Identify the testing and inspection requirements for surface preparation and coating application of lined steel pipes
- Explain the documentation requirements for a pipeline coating project, including inspection test plans, specifications, and standards

Course Format

This course is composed of thirteen core units.. Most modules are 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 24 hours of the course and attain a 70% or better score on the exam.

TESTIMONIALS

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



★★★★★

Lead Paint Removal (C3)
Cheektowaga, NY USA



Taking part of the C3 Training was extremely beneficial to me as a project manager. The knowledge I now have in this area, can only better myself and all the workers I intend to guide and protect in my position as project manager. Following safe practices makes for a productive and safe work environment for my company and my employees.

- Susan V.



★★★★★

Protective Coatings Inspector (PCI)
Long Beach, CA USA



I have attended SSPC courses since 1998, too many to recall. The course subjects and curriculum has improved substantially since then. I would not be who I am or achieved the success I found if not from the knowledge I gained from field experience and classroom study.

- Thomas F.



★★★★★

Concrete Coating Inspector (CC1)
Orlando, FL USA



I have been working in the coating industry for 15 years. I have several certifications in protective and marine coatings, as NACE CIP Level 3, NACE O-CAT, SSPC C1, and C2, but none of these courses cover concrete coatings so clearly and objectively. The CC1 course is the best training if you really want to learn about concrete coatings.

- Felipe N.



★★★★★

Spray Application Certification (C12)
Seattle, WA USA



This class made me better understand how things work and what steps you need to take to do a great job. Our professor was very professional and knowledgeable and always made sure you understand everything to succeed in your career.

- Gabriel L.



★★★★★

Lead Paint Removal Refresher (C5)
Long Beach, CA USA



While I try to stay abreast of changes in legislation and industry standards, the single best way to keep current is to attend an SSPC training course at a convention. I not only get a concentrated dose of information about the subject of interest, I'm exposed to the latest (and traditional) technologies, materials and best practices in the industry.

- Robert I.

*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 Blaster Basics eCourse (ABB)
- Abrasive Blasting Certification (C7)
- Aerospace Coating Application Specialist Certification Program (ACAS)
- Aerospace Engineer Coating Application Training (AERO ENG)
- Aerospace Maintainer Coating Application Training (AERO MAIN)
- Applicator Basics eCourse (AB)
- Basics of Steel Surface Preparation eCourse (BSSP)
- Coast Guard Basic Paint Inspector Course (COAST GUARD)
- Coating Application Specialist Certification (CAS)
- Coating Application Specialist – Refresher (CAS REF)
- Concrete Coating Application Specialist (CCAS)
- Ground Vehicle Corrosion/Protective Coatings Course (GROUND VEH)
- Intumescent Fireproofing Coating Application Specialist (FIRE APP)
- Marine Plural Component Program (MPCAC, C14)
- Plural Component Application for Polyurea and Other High Solid Coatings (PLURAL)
- Specialty Module CD Series (SPECIALTY MODULE)
- Spray Applicator Basics eCourse (SAB)
- Spray Application Certification (C12)
- Thermal Spray Applicator (THERMAL APP)
- 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 eCourse (FIRE INSP)
- Fundamentals of Coating Application and Inspection (CTG APP+INSP)
- Insulation Inspector eCourse (INSUL INSP)
- Master Coatings Inspector Certificate (MCI)
- NAVSEA Basic Paint Inspector (NBPI)
- Navigating NAVSEA Standard Item 009-32 (009-32)
- Pipeline Inspector eCourse (PIPE INSP)
- Thermal Spray Inspector Training (THERMAL INSP)
- Using SSPC-PA 2 Effectively eCourse (PA 2)

Marine/Naval

- Abrasive Blasting Certification (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)
- 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 eCourse (PA 2)
- Waterjetting Program (C13) (009-32 Requirement)

Coating Concrete

- Concrete Coating Basics eCourse (CCB)
- Concrete Coating Application Specialist (CCAS)
- Concrete Coating Inspector Program (CCI)

Coatings Technology, Management, Lead, Health & Safety

- Fundamentals of Protective Coatings (C1)*
- 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)*
- Protective Coatings Specialist (PCS)
- Quality Control Supervisor eCourse (QCS)
- Using SSPC-PA 2 Effectively eCourse (PA 2)

eCourses/eLearning

- Abrasive Blaster Basics eCourse (ABB)
- Applicator Basics eCourse (AB)
- Basics of Steel Surface Preparation eCourse (BSSP)
- Concrete Coatings Basics eCourse (CCB)
- Fireproofing Inspector eCourse (FIRE INSP)
- Fundamentals of Coating Application and Inspection (CTG APP INSP)
- Fundamentals of Protective Coatings (C1)*
- Industrial Coatings Safety Management Training eCourse (SAFETY)
- Insulation Inspector eCourse (INSUL INSP)
- Navigating NAVSEA Standard Item 009-32 eCourse (009-32)
- Pipeline Inspector eCourse (PIPE INSP)
- Planning and Specifying Industrial Coatings Projects (C2)*
- Quality Control Supervisor eCourse (QCS)
- Spray Application Basics eCourse (SAB)
- Using SSPC-PA 2 Effectively eCourse (PA 2)
- Webinars

Department of Defense/DoD Training

SSPC Training/Certification tuition is covered for DoD, Army, Navy, Airforce, Marines, and Coast Guard personnel. For further information or to register for a course, please contact Jennifer Merck at 412.281.2331, ext. 2221 or Jennifer.Merck@ampp.org.

Most SSPC classes are approved for DoD Funding. For a complete list of approved classes, please visit www.sspc.org/trn-funding/.



A LOOK AT THE NUMBERS



FAQS



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 600 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 Sara Badami at 412.281.2331, ext. 2208 or Sara.Badami@ampp.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 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 will these courses help me?

First of all, SSPC's courses will enhance your overall coatings knowledge and help you do your job better. 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 Sara Badami at 412.281.2331 ext. 2208 or Sara.Badami@ampp.org.

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 have access to some of our eCourses for FREE! Look on through the eCourse section on pages 37-45.

For information on SSPC Membership, please contact SSPC at 412.281.2331, customerservice@sspc.org, or visit: www.sspc.org/organizational-membership/. To redeem your flexible benefits points for training, please contact Training Customer Service at 412.281.2331, 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
- Belgium
- Brazil
- China
- Columbia
- Ecuador
- Egypt
- India
- Indonesia
- Japan
- Malaysia
- Mexico
- Nigeria
- Netherlands
- Panama
- Philippines
- Peru
- Singapore
- Taiwan
- Thailand
- Turkey
- United Arab Emirates
- United Kingdom
- Vietnam

For more information, please contact Jennifer Merck at 412.281.2331, ext. 2221 or Jennifer.Merck@ampp.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.

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 can I host an SSPC public offering?

If you want to host an SSPC training course at your facility, please contact Jennifer Merck at 412.281.2331, ext. 2221 or Jennifer.Merck@ampp.org.

Do SSPC Wallet Cards have a QR Code on them?

Effective 1/24/20 all SSPC cards have a QR code on them that can be scanned to access information on www.sspc.org.

How can I take advantage of GSA pricing with SSPC training courses?

You can find more information about GSA pricing and SSPC courses at sspc.org/gsa.

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 PowerPoint
- 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 412.281.2331, ext. 2221 or Jennifer.Merck@ampp.org.

How can I retake an exam?

Please contact the Training Program Coordinator to schedule a retake at 412.281.2331, ext. 2241.

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 412.281.2331, ext. 2221 or Jennifer.Merck@ampp.org or visit our website at: www.sspc.org/trn-funding/.

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. The search can be found on the homepage of our website: www.sspc.org.

Does SSPC offer suggested career pathways?

Yes, SSPC offers suggested career paths. They can be found on our career pathways page at www.sspc.org/career-pathways. If you have an additional questions about your specific career path, contact us.

How can I download my certificate?

Students can log in and obtain their grades and or print a copy of their certificate by following the steps below. Grades and certificates are typically available 4 weeks after the course ends.

1. Go to www.sspc.org and click login in the top right of the page
2. Enter the username as the email you provided at the course and click the forgot password button
3. Check your email and click the link to set your new password
4. Type in a secure password that you will remember
5. From here, click on the Login in the top right corner again and enter your email as the username and the new password you created
6. At this point you are logged into your SSPC account and you can see all of your past purchases / downloads / training history. Please go to the profile and make sure that all of the information is correct as far as your name and address
7. On the left hand side click the Training & Certifications tab and then click History
8. All of your SSPC courses will appear and you can click the blue + sign to show your grades and information
9. At this point if you would like a digital copy click the download certification button and you can download a pdf copy of your certificate

If you have any problems please reach out to customer service at customerservice@sspc.org or call at 412.281.2331, ext 2214.

Does SSPC provide international craftworker training?

SSPC offers a range of international quality crafter worker training and certification programs to suit your needs. SSPC has been at the forefront of craftworker certification for 20 years, beginning with the groundbreaking Abrasive Blasting Certification (C7) that was launched in 1998, continuing with the Spray Application Program (C12) (2006) to the Coating Application Specialist (CAS) program (2007). Over the years, SSPC has trained and certified over 20,000 craftworkers around the world. We currently run scheduled C7, C12, CAS, and TTP training and certification programs in:

- Australia
- Indonesia
- Malaysia
- Philippines
- Singapore
- Thailand
- Vietnam

Contact Jennifer Merck at Jennifer.Merck@ampp.org for more information.

TRAINING LICENSEES

TRAINING COURSES ARE AVAILABLE THROUGH THE FOLLOWING LICENSED TRAINING PROVIDERS

North America (USA, CAN, MEX)

Courses: C3 and C5

Alison Kaelin, AB Kaelin, LLC

☎ 1.412.841.7260
✉ abkaelin@comcast.net

Jared Rigo, Gannett Fleming, Inc.

☎ 1.814.279.0824
✉ jrigo@gfnet.com

Charlie Brown, GPI

☎ 1.443.753.5479
✉ cbrown@gpinet.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

☎ 1.716.310.3768
✉ mitchsafety1@gmail.com

Itzel Zarate, Andromeda Academy of Construction Trades LLC

☎ 1.929.268.2472
✉ info@andromedaacademy.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, C6, 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: CCAS

John Mandarino, 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, C2, and PCS

Chris Ewals, LINE-X LLC

☎ 1.714.623.8962
✉ CEwals@linexmail.com

WANT TO BECOME A 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.

The Training Provider Accreditation Application was developed 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 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 AMPP. Its thorough nature ensures that accreditation is valued in the marketplace and that the approved company is the best of the best.



📍 Licensee location

For more information please contact:

Jennifer Merck

☎ 412.281.2331 ext. 2221

✉ Jennifer.Merck@ampp.org

INTERNATIONAL LICENSEES

SSPC has a Kingdom of Saudi Arabia Office that also offers regional courses, contact Jennifer Merck at Jennifer.Merck@ampp.org for information.

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	FIRE INSP, INSUL INSP, and CCI	Egypt
Australasian Corrosion Association Inc.	Ross Boucher ross.boucher@corrosion.com.au	P: +61398904833 F: +61398907866	CCI, CCAS, C7, and C12	Australia and New Zealand
BlastOne International	Niall Collins Niall.collins@blastone.com	P: +61439095717	C6, C7 and C12	Australia
Global Insignia For Technical Services	Mohamed Afraz afraz@estagamah.com	P: +966138341621 F: +966138746484	C7 and C12	Saudi Arabia
In-Spec	Patrick Tan patrick@inspec.com.sg	P: +0116567388446 F: +0116596347429	C7 and C12	Southeast Asia
Rader Coating Technology (Shanghai) Co., Ltd	Dejin Feng marsfeng@coatingsquare.com	P: +86.21.34313562 F: +86.21.34313545	FIRE INSP, INSUL INSP, and THERM INSP	China
Sayerlack Mexicana S.A. De C.V.	Juan Carlos Gonzalez jcgonzalez@gruposayer.com	P: +52 (442) 226 7320	C1, C2, CCI, PCS	Mexico
Scicon Worldwide	Gunnar Ackx ga@sciconworldwide.com	P: +0113250687051 F: +0113250687052	C1, C2, PCI and PCS	Belgium
Tnemec	Cory Brown brown@tnemec.com	P: 1.816.326.4263	C1 and CCB	China
Twilight	Adán Villa cursos@twilight.mx	P: +818115.1400	C1 and PA 2	Mexico

GSA INFORMATION

SSPC IS ON THE GSA SCHEDULE

FIND OUR TRAINING & CERTIFICATION ON THE GSA SCHEDULE

SSPC is proud to announce that we have been awarded a 5-year contract with the General Services Administration (GSA). Under this new contract we are able to offer our training courses and educational tools at a rate that only a GSA contract can provide to eligible card holders.

ABOUT SSPC TRAINING & CERTIFICATION

Our hands-on training and practical certifications can help build your career and assist you in meeting the requirements of industry specification. SSPC training and certification has a path that will fit your career and the industry's requirements.

HOW TO TAKE ADVANTAGE OF GSA PRICING

- 1 Find out if GSA pricing is available to your organization through gsa.gov.

*If you are unsure if you qualify, please visit GSA's eligibility determinations webpage and scroll down to the section titled "II. Who has Already Been Determined Eligible" for information on eligible entities. The GSA updates this listing regularly and you can download the PDF document from their site.
 - 2 Review the list of SSPC's available courses and course pricing on our GSA schedule by visiting GSAadvantage.gov
 - 3 Download the GSA Course Registration Form at www.sspc.org/GSA and fill out all fields in the chart that are applicable.
 - 4 Forward the registration form to the GSA point of contact at pinolini@sspc.org in an email titled GSA application. SSPC's GSA point of contact will review all applications for registration and contact you with further information about the payment and registration process.
-

ELIGIBLE GSA ENTITIES MAY INCLUDE:

- Army Corp of Engineers
- Department of the Air Force
- Department of the Army
- Department of the Navy
- Department of Transportation
- Municipal Water Districts
- NASA
- National Transportation Safety Board
- United States Coast Guard
- Other federal, state and local government agencies

SSPC TRAINING & CERTIFICATION PROGRAMS COVER INDUSTRIES SUCH AS:

- Transportation & Infrastructure
- Water & Waste/Water Treatment
- Military & Defense
- Commercial Marine
- Power Generation & Transmission
- Oil, Gas, & Fracking

FOR MORE INFORMATION:



www.sspc.org/GSA



PROVIDE YOUR OWN TRAINING

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 onsite courses is based on the course, number of participants, instructor travel, and accommodation costs.

Consider these benefits:

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

More Information

Submit all of the above information to Sara Badami at Sara.Badami@ampp.org. Please include your full contact information and a customized proposal will be emailed to you within 3-5 business days.

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 Sara Badami at 412.281.2331 x2208 or Sara.Badami@ampp.org to request a cost proposal for this option.

DoD FUNDING IS AVAILABLE FOR SELECT COURSES



Find the DoD icon in this course catalog on select course pages.

The following personnel may qualify for DoD funding on SSPC Training/Certification programs:

- DoD
- Air Force
- Army
- Marine Corps
- Navy
- Coast Guard

For the full list of courses DoD funding is available for visit www.sspc.org/trn-funding/



TRAINING HOSTS

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



Arizona Chapter
 Georgia Chapter
 Hampton Roads Chapter
 New England Chapter
 Northern California/Nevada Chapter
 Southern California/Nevada Chapter



TRAINING SPONSORS

SSPC recognizes those companies who make equipment and monetary donations towards our training and certification programs.

GOLD SPONSORS



SILVER SPONSORS



EQUIPMENT SUPPLIERS





800 Trumbull Dr.
Pittsburgh, PA 15205
412.281.2331

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