CERTIFICATION PROGRAMS
CONCRETE COATING COURSES

www.sspc.org
WHY CONCRETE IS UNIQUE

Concrete is a Porous Surface
Moisture is a major concern when it comes to inspecting concrete. For steel, water sits on the surface and can easily be identified. For concrete, the surface may appear dry, but below the surface, moisture found within the concrete substrate can cause catastrophic failures in terms of coating application.

pH Levels
Testing the pH of concrete is critical prior to coating application. If the pH is below 9, concrete is unstable, making it more likely to crack or deteriorate. These defects would be detrimental to a concrete coating project.

Different Surface Preparation
Surface preparation used on concrete can be one of many different methods. It’s important to understand the concrete profile specified for the coating project, how to properly identify that profile, and what surface preparation methods can achieve those profiles.

BENEFITS OF CERTIFICATION
Having and maintaining a concrete certification means that you will have a certification specific to the concrete industry. As an inspector in the industry, industrial job sites will be looking for your certification to match the task at hand. By being certified in concrete as well as steel, you will be able to contribute to a large range of jobs.

CONCRETE STANDARDS
SSPC offers a variety of standards in the concrete coating industry. SSPC strives to create standards that are as unique as the surface they describe. Such standards include:

- SSPC-TR 5/ICRI Technical Guideline 03741/NACE 02203, Design, Installation, and Maintenance of Protective Polymer Flooring Systems for Concrete
- SSPC-Guide 20, Guide for Applying Thick Film Coatings and Surfacings Over Concrete Floors
- SSPC-SP 13/NACE No. 6, Surface Preparation of Concrete

SSPC QP 8 AND CONCRETE
SSPC QP 8 Certification is a new program intended to be used by facility owners (or their protective coating specialists or specifying engineers) to ensure that contractors hired to install polymer coatings or surfacings on concrete and other cementitious surfaces in commercial, institutional, and industrial facilities have the primary technical capabilities and organizational structure necessary to do the work.

Find out more at: www.sspc.org/qp-qp8/
I HAVE BEEN WORKING IN THE COATING INDUSTRY FOR 15 YEARS. I HAVE SEVERAL CERTIFICATIONS IN PROTECTIVE AND MARINE COATINGS, BUT NONE OF THESE COURSES COVER CONCRETE COATINGS SO CLEARLY AND OBJECTIVELY AS CCI.

— FELIPE N. COATING INSPECTOR

CONCRETE COATING APPLICATION SPECIALIST (CCAS) CERTIFICATION PROGRAM

With concrete being used in the construction industry now more than ever, the need to protect it from deterioration is critical. SSPC’s new Concrete Coating Application Specialist course is designed to teach coating applicators the skills they will need to successfully complete a concrete coating project. These skills are critical for maintaining vital infrastructure such as bridge abutments, wastewater treatment facilities, and nuclear power plant infrastructure.

CONCRETE COATING INSPECTOR (CCI) CERTIFICATION PROGRAM

SSPC’s CCI Program certifies individuals who possess in-depth knowledge of the protective coatings industry in relation to concrete. The use of protective coatings to protect structural concrete, water and waste water facilities, and other assets has been increasing every year. Inspection standards, practices, and instrument use for coatings applied to concrete surfaces differ in many ways from inspecting coatings on steel surfaces.

PREPARE WITH ADDITIONAL SSPC CONCRETE COURSES

SSPC offers courses specific to the concrete industry. The following are courses developed with a focus on protecting concrete surfaces. Find more information at www.sspc.org.

Concrete Coating Basics eCourse (CCB)
CCB is designed to provide a strong and necessary foundation for all individuals in the concrete coating industry.

FOR MORE INFORMATION:
www.sspc.org
Silvia Palmieri, Individual Certification Specialist
412.281.2331 ext. 2201
palmieri@sspc.org

TAKE CCB FIRST, THEN TAKE THE APPLICATION OR INSPECTION ROUTE TO OTHER SSPC CONCRETE CERTIFICATIONS.

*This is SSPC’s suggested career path and does not necessarily represent prerequisites of the courses listed or the only career path possible.