



PCI Descriptions

Protective Coatings Inspector (PCI) Training Program

American Bureau of Shipping (ABS) and Lloyd's Register

Approves PCI Program equivalent as NACE Coating Inspector Level 2 and FROSIO Inspector Level III.

www.sspc.org

5 Days/40 Hours plus 1 Day Certification Exam

About the PCI Program

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

There are no prerequisites to attend the PCI Course. However, candidates should be prepared for an intense and fast-paced week of training with evening homework and study in order to cover an extensive amount of information in 5 days. Taking the PCI course is a commitment that will require extra effort for successful completion.

Program attendees receive a training certificate. Attendees who complete the course and pass the Course Exam with a score of 70% or better become eligible to receive a PCI Basic Inspector level card. A Certification-level written and practical exam is offered on Day 6 for those who meet the prerequisites for certification-level testing.

Course Content

Module 1: Corrosion Prevention Using Coatings

Module 2: Quality Assurance/Control

Module 3: Surface Preparation & Inspection

Module 4: Practical Math

Module 5: Coating Application & Inspection

Module 6: Industrial Coatings & Coating Systems

Module 7: Specialty Inspection Projects

Module 8: Coating Failures & Methods of Prevention

Module 9: Inspector Safety

Module 10: Coating Specifications

Module 11: Simulated Pre-job Conference;

Inspection Procedure Development

Module 12: Simulated Project Inspection

Module 13: International Maritime Organization (IMO)

Inspector Training Requirements

Benefits of Attending

After attending this course, you will be able to:

- * Recognize the common duties, responsibilities, and the role of an industrial coatings inspector
- * Recognize the role of the coating manufacturer on a coatings project
- * Describe the authority of a coatings inspector
- * Explain the importance of thorough documentation
- * Identify the differences between quality assurance and quality control and the common duties of quality assurance and quality control personnel
- * Describe the purpose and content of a pre-job or preconstruction conference
- * Explain the importance of ethics of inspection personnel
- Describe methods used to evaluate coating performance prior to full-scale installation
- * Describe the unique aspects of performing coatings inspection on an overcoating project, and on projects employing thermal spray coatings, powder coatings and duplex coating systems
- * Describe how coatings inspection can help prevent premature coating failure
- * List potential safety hazards associated with coatings inspection
- * Prepare an inspection plan/procedure
- * Perform coatings inspection on industrial projects
- * Compare inspection results to specification requirements

Course Format

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

This course is completed with a comprehensive written examination and a practical (instrument use) examination. Students passing both components of the basic course exam at 70% or higher and meeting the prerequisites for certification can take the written and hands-on certification exams on day 6. A passing grade of 80% or higher on the written and hands-on certification exam is required to become an SSPC Certified Coating Inspector.

If you fail any of the exam components, SSPC will allow you one exam or exam component retake within one year from when you first sat for the initial exam(s). You must first formally apply to SSPC and obtain written permission to retake any exam. There will be a fee to retake the exam.

If you fail the exam or component the second time, you must wait at least six months and then retake the PCI training course and exams.

Anyone who is unable to pass the written course exam, the written certification exam or the certification practical exam a third time will be considered ineligible to participate in the PCI program for a minimum of two years from the date of the last failed exam and will be required to take the PCI course again to reenter the process.

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.

Training Location

MOODY (Shanghai) Consulting Co.,Ltd.
No.5 Building, 912 Bibi Road, Zhangjiang High-Tech Park, Pudong.
Shanghai China
Zip: 201203
Tel :+86-21-50273066
Fax :+86-21-50273502

The Fee of Training/Exam

17000RMB/p.person

About Intertek Moody

Established in 1911, Intertek Moody Engineering Group is one of the larger, specialist staffing, outsourcing and training organizations. Dedicated to reducing clients' risks by providing technical inspection services, technical staffing services, and technical training services. Recognized throughout the worldwide industry as a technical training organization, Intertek Moody working with SSPC together provide Protective Coating Inspector (PCI) training and certification program for individuals and clients. Today, Moody operates from more than 80 offices in over 60 countries. Details information please interlink with www.intertek.com.cn.

About SSPC

Founded in 1950 as the Steel Structures Painting Council, SSPC is a non-profit association focused on the protection and preservation of concrete, steel and other substrate through the use of high-performance industrial coatings. Through the development of standards, training, publications, certifications, advocacy, the Paint and Coatings Expo, and a wide variety of information resources, SSPC supports the industry as well as over 8,000 individual members and approximately 800 organizational members. For more information, please visit www.sspc.org