



CIP Level 1 - Basic Coatings Inspector



The world's leading source of training and information on coating inspection organized by

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Coating and Insulation Consulting & Services
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Completing the Coating Inspector Program (CIP) Level 1 Course is the first step to earning the Basic Coatings Inspector Certification. The CIP Level 1 Course provides entry level knowledge of coating materials, techniques for surface preparation and application, and inspection testing and documentation.

After successfully obtaining your Basic Coatings Inspector certification you will be able to perform basic coating inspections on steel substrates using nondestructive testing and instrumentation.

Classroom instruction is comprised of lectures, group exercises, case studies and hands-on practical labs. Students will also participate in real-life inspection projects that are designed to apply course concepts to the job site by focusing on inspection procedures and proper instrument use, situation problem solving, inaccurate specifications and strengthening the relationship between the inspector and other team members.

The certification requirements include the practical exam administered at the end of course, along with an exam delivered via computer-based testing (CBT). The multiple-choice CBT exam is scheduled separately from the course and delivered via Pearson VUE. The initial CBT exam is included with the course registration. Any Exam retake will incur additional cost to the applicant.

An approved recertification application is required every 3 years. The work experience requirement for renewals for all certifications is one and half (1.5) years for the most recent three (3) year period. Additionally, some certifications have other requirements related to responsibility in charge.

Visit <https://www.ampp.org/education/education-resources/courses-by-program/coating-inspector-program/cip-1>

Certification holders are required to pay a non-refundable processing fee for renewal.

There are no required prerequisites for this course. For more information please contact training@imc-quorum.com

LEARNING OBJECTIVES

- Recognize how corrosion forms and the role protective coatings play in preventing corrosion
- Describe the role of the inspector as it applies to responsibilities, authority, safety, ethics, communication, and decision-making
- Differentiate surface preparation equipment, methods, and standards for solvent cleaning, hand/power tool cleaning, wet/dry abrasive blasting, and waterjetting
- Recognize coating types, modes of protection, and curing mechanisms
- Differentiate coating application by type, including brush, roller, airless, conventional, and plural component spray
- Utilize job specifications, safety/product data sheets, and a variety of inspection report documentation
- Perform non-destructive inspection procedures for environmental conditions, visible/nonvisible contaminants, surface profile, film thickness, and holiday detection under the supervision of a qualified inspector
- Identify quality control issues, recognizing design and fabrication defects and coating failure modes
- Comply with the AMPP Coating Inspector Code of Conduct

COURSE LANGUAGE **ENGLISH**

DURATION: **6-DAY CLASSROOM COURSE**