# AMPP Certified Coatings Inspector / CIP Levels 1 & 2 Exam Preparation

24 Sep - 05 Oct 2025
Dubai - Residence Inn by Marriott Sheikh Zayed Road

**AGILE** LEADERS
Training Center

# AMPP Certified Coatings Inspector / CIP Levels 1 & 2 Exam Preparation

**Ref.:** 36323_261504  **Date:**  24 Sep - 05 Oct 2025  **Location:**  Dubai - Residence Inn by Marriott Sheikh Zayed Road  **Fees:**  9000  **Euro**

## Course Overview:

The course is a rigorous, hands-on program designed to prepare participants for successful certification as a coatings inspector. It covers basic to advanced coating inspection techniques, emphasising nondestructive and destructive testing methods. Participants will learn about surface preparation, corrosion prevention coatings, and coating application techniques. As part of the AMPP Coating Inspector Program, this course ensures that students understand environmental controls, coating failure modes, and specialized coating techniques deeply. Completing this course will prepare participants to pass the CIP Level 1 and Level 2 certifications, mastering the art of coatings inspection across various substrates. With a focus on practical applications, real-life case studies, and hands-on labs, this course stands out as a complete training program that aligns with the highest industry standards.

## Target Audience:

- Coating Inspector Trainees
- Project Managers
- Supervisors
- Engineers
- QA/QC Personnel
- Contractors
- Specification Writers
- Technical Sales Representatives
- Maintenance Personnel

## Targeted Organizational Departments:

- Quality Assurance and Quality Control Departments
- Engineering Departments
- Maintenance Departments
- Project Management Offices

## Targeted Industries:

- Oil and Gas Industry
- Marine Industry
- Construction Industry
- Manufacturing Industry
- Energy Sector

## Course Offerings:

By the end of this course, participants will be able to:

- Perform and document nondestructive and destructive testing for coatings on various substrates.
- Master surface profile inspection and film thickness measurement techniques.
- Identify and mitigate coating failure modes through specialized training.
- Utilize advanced inspection tools, including ultrasonic thickness gauges and digital hygrometers.
- Conduct complete coating inspections, adhering to AMPP Coatings Certification standards.

## Training Methodology:

The course uses a mix of interactive lectures, group exercises, and real-life case studies to ensure a thorough understanding of coating inspection techniques. Participants will take part in hands-on labs, focusing on the practical application of nondestructive testing, surface preparation, and coating application methods. The course also includes reflective sessions at the end of each day, allowing participants to review key learnings and prepare for the next day's topics. With a focus on problem-solving and team dynamics, this course offers a comprehensive approach to mastering coating inspection.

## Course Toolbox:

- complete workbooks covering all aspects of the AMPP Coating Inspector Program.
- Access to specialized coating inspection tools such as ultrasonic thickness gauges and adhesion testers.
- Templates for inspection test plans ITPs and daily inspection reports.
- Online resources for continued learning and exam preparation.
- Checklists and best practices guide for nondestructive and destructive testing in coatings inspection.

## Course Agenda:

### Day 1: Introduction to Coating Inspection and Basic Concepts

- **Topic 1:** Overview of the AMPP Coating Inspector Program and Certification Process
- **Topic 2:** Introduction to Corrosion and Corrosion Prevention Coatings
- **Topic 3:** Basics of Surface Preparation Techniques
- **Topic 4:** Introduction to Coating Materials and Types
- **Topic 5:** Understanding the Role of a Coating Inspector
- **Topic 6:** Introduction to Non-Destructive Testing NDT for Coatings
- **Reflection & Review:** Key Takeaways from Day 1

## Day 2: Surface Preparation Techniques and Standards

- **Topic 1:** Detailed Study of Solvent Cleaning and Hand/Power Tool Cleaning
- **Topic 2:** Wet/Dry Abrasive Blasting Techniques
- **Topic 3:** Waterjetting Standards and Applications
- **Topic 4:** Identifying Surface Preparation Equipment and Their Uses
- **Topic 5:** Surface Profile Inspection Techniques
- **Topic 6:** Environmental Controls in Surface Preparation
- **Reflection & Review:** Key Takeaways from Day 2

## Day 3: Coating Application Methods and Techniques

- **Topic 1:** Coating Application Methods: Brush and Roller
- **Topic 2:** Airless and Conventional Spray Application Techniques
- **Topic 3:** Plural Component Spray Systems
- **Topic 4:** Application of Liquid-Applied Coatings
- **Topic 5:** Introduction to Thick Barrier Linings
- **Topic 6:** Inspection of Coating Application on Steel Substrates
- **Reflection & Review:** Key Takeaways from Day 3

## Day 4: Inspection Techniques and Tools

- **Topic 1:** Inspection Procedures for Environmental Conditions
- **Topic 2:** Non-Destructive Testing for Visible/Non-Visible Contaminants
- **Topic 3:** Film Thickness Measurement Techniques
- **Topic 4:** Holiday Detection Procedures
- **Topic 5:** Destructive Testing Equipment: Adhesion and Hardness Testers
- **Topic 6:** Ultrasonic Thickness Gauges and Eddy-Current Dry Film Thickness Gauges
- **Reflection & Review:** Key Takeaways from Day 4

## Day 5: Documentation and Reporting in Coating Inspection

- **Topic 1:** Utilizing Job Specifications and Safety/Product Data Sheets
- **Topic 2:** Writing and Managing Non-Conformance Reports NCRs
- **Topic 3:** Daily Inspection Reports and Inspection Test Plans ITPs
- **Topic 4:** Documentation for Non-Destructive and Destructive Inspections
- **Topic 5:** Case Studies: Real-Life Documentation Scenarios
- **Topic 6:** Strengthening Inspector-Client Relationships Through Documentation
- **Reflection & Review:** Key Takeaways from Day 5

## Day 6: Advanced Corrosion Theory and Cathodic Protection

- **Topic 1:** Advanced Corrosion Theory: Causes and Prevention
- **Topic 2:** Role of Cathodic Protection in Coating Systems
- **Topic 3:** Types and Standards of Cathodic Protection Systems
- **Topic 4:** Inspection Concerns with Cathodic Protection
- **Topic 5:** Case Studies: Cathodic Protection in Action
- **Topic 6:** Practical Lab: Cathodic Protection Inspection Techniques
- **Reflection & Review:** Key Takeaways from Day 6

## Day 7: Specialized Coating Techniques and Applications

- **Topic 1:** Introduction to Powder Coating Techniques
- **Topic 2:** Spray Metalizing and Hot-Dip Galvanizing
- **Topic 3:** Automated Coating Application Systems
- **Topic 4:** Inspection of Non-Liquid Coatings
- **Topic 5:** Coating Application on Concrete: Techniques and Concerns
- **Topic 6:** Case Studies: Specialized Coating Applications
- **Reflection & Review:** Key Takeaways from Day 7

## Day 8: Maintenance Coating Operations and Failure Modes

- **Topic 1:** Overview of Maintenance Coating Operations
- **Topic 2:** Identifying and Mitigating Coating Failure Modes
- **Topic 3:** Health and Safety Concerns in Coating Inspection
- **Topic 4:** Environmental Concerns in Maintenance Coating Operations
- **Topic 5:** Case Studies: Coating Failures and Solutions
- **Topic 6:** Practical Lab: Failure Analysis and Inspection
- **Reflection & Review:** Key Takeaways from Day 8

## Day 9: Practical Applications

- **Topic 1:** Real-Life Inspection Projects: Applying Course Concepts
- **Topic 2:** Problem Solving in Coating Inspection Scenarios
- **Topic 3:** Practical Lab: Using Inspection Tools and Equipment
- **Topic 4:** Review of Inaccurate Specifications and Their Impact
- **Topic 5:** Strengthening Team Dynamics in Coating Projects
- **Topic 6:** Review and Preparation for Final Practical Exam
- **Reflection & Review:** Key Takeaways from Day 9

## Day 10: Certification Exam Preparation

- **Topic 1:** Ethics in Coating Inspection
- **Topic 2:** Review of AMPP Coating Inspector Code of Conduct
- **Topic 3:** Final Review of Key Concepts from CIP Level 1 & 2
- **Topic 4:** Practice Exam Questions and Discussions

- **Topic 5:** Final Practical Exam
- **Topic 6:** Course Conclusion and Certification Process
- **Reflection & Review:** Final Reflection and Feedback Session

## How This Course is Different from Other CIP Similar Courses:

The course distinguishes itself by offering an immersive, hands-on experience that closely simulates real-world conditions. With a strong focus on both nondestructive and destructive testing, this course provides comprehensive training that is deeply rooted in industry standards and best practices. The incorporation of advanced inspection tools, real-life case studies, and daily practical labs ensures that participants not only grasp the theory but also master the practical skills necessary for successful certification. The course's structured approach to reflection and review after each day's training further improves learning retention and application.

# WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

## OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

## OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

## WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.

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## Gamified and
## Interactive Training

We understand that training delivery can be challenging, both online and offline. To ensure engagement and achieve learning objectives, we have developed our own activities and collaborated with industry-leading solutions to gamify our training sessions. This approach increases interaction levels and guarantees effective learning outcomes.

## Our Training
## Cate gories

We cover a wide range of training categories to cater to different needs and interests

Branding, Marketing, Customer Relations, & Sales Programs
Finance and Accounting Programs
Human Resources Management Programs
Management & Leadership Programs

Political & Public Relations Programs
Project Management Programs
Quality & Process Management
Self-Development Programs

Join Agile Leaders today and embark on a transformative journey towards becoming a more agile and effective leader. Experience our customer-centric approach, actionable training, and guaranteed return on investment. Let us help you unleash your full potential in the dynamic business landscape.

## Where to
## Find Us

You can join our training programs at our centers located in

We also offer online training sessions through the Zoom platform.

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