



AMPP CIP Levels 1, 2 & 3 Exam Prep Course

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Course Overview

This intensive 5-day program prepares participants for AMPP Certified Coatings Inspector Levels 1, 2, and 3. The course delivers a complete progression from foundational inspection skills through advanced audit-level competencies. Participants will master coating inspection tools, surface preparation evaluation, destructive and nondestructive testing, coating system diagnostics, failure analysis, specification interpretation, risk management, and senior-level inspection leadership. The program includes hands-on labs, case studies, and mock exam simulations to ensure full readiness for all CIP exam levels.

Target Audience

- Coating inspectors pursuing CIP Levels 1, 2, or 3
- QA/QC engineers and quality inspectors
- Maintenance and asset integrity professionals
- Project engineers, site supervisors, and coating contractors
- Corrosion technicians
- Professionals upgrading their inspection qualifications

Targeted Departments

- Quality Control & QA/QC
- Asset Integrity & Reliability
- Engineering & Projects
- Operations
- Maintenance Departments
- Corrosion Management Teams
- HSE Departments supporting coating activities

Targeted Industries

- Oil and Gas onshore & offshore
- Petrochemicals & Refining
- Power & Utilities
- Marine, Shipbuilding & Offshore Structures
- Construction & Infrastructure
- Manufacturing & Industrial Facilities
- Water, Wastewater & Desalination Plants



Course Offerings

- Instructor-led technical training
- Hands-on practical exercises for Levels 1-3
- Real industrial case studies & coating failure scenarios
- Comprehensive mock exam preparation
- Interactive workshops and group activities
- Course completion certificate

Training Methodology

The program uses a blended, practical, and interactive approach. Participants learn through instructor-led teaching, demonstrations, hands-on labs, diagnostic exercises, failure investigations, role-play scenarios, and detailed case studies from industrial facilities. Each day integrates technical practice with conceptual understanding to ensure participants gain both field readiness and exam competency.

Course Toolbox

Practical exposure through simulations; physical tools are not provided

- Dry Film Thickness DFT gauges
- Surface profile measurement instruments
- Holiday detection equipment
- Adhesion testing tools
- Environmental monitoring devices
- Visual inspection aids, documentation templates & photo-logging methods

Course Agenda

Day 1: CIP Level 1 - Fundamentals of Coating Inspection

- **Topic 1:** Overview of AMPP CIP Levels 1-3 and inspector roles
- **Topic 2:** Introduction to coating types, film formation, and performance
- **Topic 3:** Surface preparation basics and international cleaning standards
- **Topic 4:** Environmental monitoring during coating application
- **Topic 5:** Level-1 inspection tools and basic measurement techniques
- **Topic 6:** Hands-on Lab: Performing Level-1 inspection tasks
- **Reflection & Review:** Core Level-1 knowledge and skill recap



Day 2: CIP Level 2 - Intermediate Inspection Techniques

- **Topic 1:** Advanced surface preparation and surface profile evaluation
- **Topic 2:** Detailed coating systems tank linings, pipeline coatings, marine systems
- **Topic 3:** Wet and dry film thickness evaluation and documentation
- **Topic 4:** Adhesion testing, holiday detection, and intermediate NDT methods
- **Topic 5:** Case Study: Coating selection and project preparation challenges
- **Topic 6:** Lab: Completing Level-2 technical inspection forms
- **Reflection & Review:** Consolidating Level-2 inspection skills

Day 3: CIP Level 2 → Level 3 - Testing, Failure Analysis & Reporting

- **Topic 1:** Nondestructive and destructive testing for coating evaluation
- **Topic 2:** Corrosion mechanisms, coating defects, and degradation patterns
- **Topic 3:** Coating failure analysis and root-cause investigation
- **Topic 4:** Advanced technical documentation, reporting, and photography standards
- **Topic 5:** Workshop: Selecting proper test methods for different substrates
- **Topic 6:** Lab: Conducting failure analysis and creating diagnostic reports
- **Reflection & Review:** Transitioning from intermediate to advanced inspector level

Day 4: CIP Level 3 - Advanced Inspection, Auditing & Oversight

- **Topic 1:** Senior inspector responsibilities and Level-3 competency expectations
- **Topic 2:** Specification interpretation and compliance verification
- **Topic 3:** Developing inspection plans and multi-stage coating inspection strategies
- **Topic 4:** Risk assessment and mitigation in coating operations
- **Topic 5:** Supervising inspection teams and applying ethical leadership
- **Topic 6:** Lab: Preparing Level-3 audit checklists and compliance reports
- **Reflection & Review:** Strengthening advanced decision-making and audit capabilities

Day 5: Integrated Case Studies & Exam Preparation Levels 1-3

- **Topic 1:** Consolidated review for CIP Levels 1, 2, and 3
- **Topic 2:** Written exam simulation with question bank review
- **Topic 3:** Practical assessment simulation: DFT, profile, defects, environmental readings
- **Topic 4:** Case studies: Pipelines, storage tanks, offshore platforms, marine assets
- **Topic 5:** Individual competency assessment and readiness mapping
- **Topic 6:** Final Lab: Level-3 integrated inspection scenario
- **Reflection & Review:** Final certification readiness and next steps

FAQ

What prerequisites are required before registering?

No mandatory prerequisites. The course supports beginners Level 1 and experienced inspectors Levels 2 and 3. Field experience is beneficial but not required.

How long is each day's session?

Each training day runs approximately 4-5 hours, totaling 20-25 hours across the 5-day program.

Does the course fully prepare participants for all three CIP exams?

Yes. The agenda is structured progressively:

- Day 1 → Level 1
- Days 2-3 → Level 2
- Days 4-5 → Level 3
Including mock exams, labs, and real-world scenario practice.

How This Course Is Different From Other CIP Courses:

- Integrates Levels 1, 2, and 3 into a single structured program
- Includes advanced Level-3 auditing, team leadership, and compliance skills
- Uses GCC-relevant case studies for pipelines, tanks, marine, and offshore sectors
- Balanced approach combining theory, labs, diagnostics, and exam simulations
- Designed for industrial clients seeking a complete coatings inspection progression

Training Course Categories



Agile PM and Project Management Training Courses



Certified Courses By International Bodies



Communication and Public Relations Training Courses



Continues Professional Development (CPD) Certified Courses



Data Analytics Training and Data Science Courses



Environment & Sustainability Training Courses



Finance and Accounting Training Courses



Governance, Risk and Compliance Training Courses



HR TRAINING & DEVELOPMENT

Human Resources Training and Development Courses



IT Security Training & IT Training Courses



Leadership and Management Training Courses



Legal Training, Procurement and Contracting Courses



Training Course Categories



**Maintenance Training
and Engineering
Training Courses**



**Marketing, Customer
Relations, and Sales
Courses**



**Occupational Health,
Safety and Security
Training Courses**



**Personal & Self-
Development Training
Courses**



**Quality and Operations
Management Training
Courses**



**Secretarial and
Administration Training
Courses**



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Seoul - South Korea



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Tashkent - Uzbekistan



Tbilisi - Georgia



Tokyo - Japan



Trabzon - Turkey



Vienna - Austria



Zanzibar - Tanzania



Zoom - Online Training

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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