



التحضير للاختبار وفتحش الطلاب المهتمين AMPP 2 و 1 المستويين CIP



التحضير للاختبار هفتش الطلاب المهتمد CIP AMPP المستويين 1 و 2

الرجوع: 36323_70912 التاريخ: 16 - 27 Feb 2027 الموقع: دبي - الراسخور: Road Zayed Sheikh Marriott by Inn Residence Euro 10000

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, emphasizing 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

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

Day 2: Surface Preparation Techniques and Standards

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

Day 3: Coating Application Methods and Techniques

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

Day 4: Inspection Techniques and Tools

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

Day 5: Documentation and Reporting in Coating Inspection

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

Day 6: Advanced Corrosion Theory and Cathodic Protection

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

Day 7: Specialized Coating Techniques and Applications

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

Day 8: Maintenance Coating Operations and Failure Modes

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

Day 9: Practical Applications

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

Day 10: Certification Exam Preparation

- Ethics in Coating Inspection Topic 1: •
- Review of AMPP Coating Inspector Code of Conduct Topic 2: •
- Final Review of Key Concepts from CIP Level 1 & 2 Topic 3: •
- Practice Exam Questions and Discussions Topic 4: •
- Final Practical Exam Topic 5: •
- Course Conclusion and Certification Process Topic 6: •
- Final Reflection and Feedback Session Reflection & Review: •

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.



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أكرا - غانا



أثينا - اليونان



أبوظبي - الإمارات العربية المتحدة



الدوحة - قطر



الدار البيضاء - المغرب



الجبيل - المملكة العربية السعودية



استنبول - تركيا



المنامة - مملكة البحرين



الكويت - الكويت



القاهرة - مصر



الرياض - المملكة العربية السعودية



بانكوك - تايلند



بالي - جمهورية اندونيسيا



بأكو - أذربيجان



باريس - فرنسا

مدن التدريب



تيليسي - جورجيا



بوكيت - تايلاند



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زنجر - تنزانيا



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لندن - المملكة المتحدة



لانكاوي - ماليزيا



كيب تاون - جنوب إفريقيا



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مسقط - سلطنة عمان



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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.



AGILE LEADERS
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