



# دورة التطوير المهني المستمر لشهادة CMRP للصيانة والموثوقية



**AGILE LEADERS**  
Training Center

09 - 13 Mar 2027  
أهستردار



## دورة التطوير المهني المستمر لشهادة CMRP للصيانة والموثوقية

الرجوع: 36315\_70866 التاريخ: 09 - 13 Mar 2027 الموقع: أمستردام الرسوم: Euro 6500

### Course Overview:

The course is designed to equip industrial professionals with the essential skills and knowledge to excel in maintenance and reliability. This complete course focuses on best practices in maintenance and reliability, preparing participants for the CMRP certification exam. By incorporating key topics such as preventive maintenance training, total productive maintenance TPM, condition-based maintenance techniques, and inventory management for maintenance, this course ensures a well-rounded education. Participants will learn about maintenance planning and scheduling, equipment criticality analysis, and reliability engineering principles. With practical insights into maintenance cost reduction strategies, industrial maintenance certification, and reliability block diagram training, this course offers a thorough preparation for maintenance and reliability challenges. The training includes CMRP exam tips and a detailed study plan to boost exam confidence. Engaging methodologies like case studies, group work, and interactive sessions ensure a dynamic learning experience, preparing participants for real-world industrial problems.

### Target Audience:

- Maintenance and Reliability Engineers
- Maintenance Managers
- Reliability Engineers
- Industrial Maintenance Technicians
- Plant Managers
- Engineering Managers
- Project and Product Managers in the Maintenance and Reliability domain
- Professionals preparing for CMRP certification

### Targeted Organizational Departments:

- Maintenance Department
- Reliability Engineering Department
- Industrial Operations
- Engineering and Technical Services
- Production and Manufacturing
- Asset Management
- Inventory Management

## Targeted Industries:

- Manufacturing
- Oil and Gas
- Energy and Utilities
- Automotive
- Aerospace
- Pharmaceuticals
- Food and Beverage
- Chemical Processing
- Heavy Machinery
- Facilities Management

## Course Offerings:

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

- Implement best practices in maintenance and reliability
- Prepare and succeed in the CMRP certification exam
- Develop and execute a complete maintenance and reliability study plan
- Conduct equipment criticality analysis and maintenance planning
- Optimize inventory management for maintenance
- Apply preventive and condition-based maintenance techniques
- Utilize reliability block diagrams and reliability-centred maintenance RCM strategies
- Improve asset availability and reliability
- Reduce maintenance costs through strategic approaches

## Training Methodology:

This course employs a variety of engaging training methodologies to ensure an effective learning experience. Participants will benefit from case studies that illustrate real-world scenarios in maintenance and reliability. Group work and interactive sessions foster collaborative learning and problem-solving skills. Feedback sessions provide personalized guidance and reinforce key concepts.

## Course Toolbox:

- complete workbooks
- CMRP study guides and resources
- Case study materials
- Reading materials on best practices in maintenance and reliability

## Course Agenda:



## Day 1: Fundamentals of Maintenance and Reliability

- Maintenance Definition and Benefits Topic 1: •
- Different Maintenance Philosophies Topic 2: •
- Corrective Maintenance Topic 3: •
- Preventive Maintenance Topic 4: •
- Condition-Based Maintenance Topic 5: •
- Proactive Maintenance Topic 6: •
- Reflection on Day 1 Training Reflection & Review: •

## Day 2: Work Management: Planning & Scheduling

- Overview and Importance of Work Management Topic 1: •
- Importance of Job Flow Process Topic 2: •
- Work Categorization and Corrective Maintenance Topic 3: •
- Work Prioritization Topic 4: •
- Equipment Criticality Analysis Topic 5: •
- Planning and Scheduling Process Topic 6: •
- Reflection on Day 2 Training Reflection & Review: •

## Day 3: Inventory Management

- Introduction and Functions of Inventory Management Topic 1: •
- Inventory Types and Dead Stock Topic 2: •
- Hidden Stock and Material Storage Systems Topic 3: •
- Inventory Optimization Tools and Techniques Topic 4: •
- CMMS and Shelf Life Management System Topic 5: •
- Inventory Accuracy and Parts Knitting Topic 6: •
- Reflection on Day 3 Training Reflection & Review: •

## Day 4: Advanced Reliability and Maintenance Concepts

- Reliability & MTBF Mean Time Between Failures Topic 1: •
- Maintainability & MTTR Mean Time to Repair Topic 2: •
- Asset Availability and Problem Solutions Topic 3: •
- Reliability Block Diagram Topic 4: •
- Asset Life Cycle Cost Topic 5: •
- Total Productive Maintenance TPM Principles Topic 6: •
- Reflection on Day 4 Training Reflection & Review: •

## Day 5: CMRP Exam Preparation and Advanced Techniques

- CMRP Exam Tips and Study Plan Topic 1:
- CMRP Mock Tests and Exam-Type Questions Topic 2:
- Building a Reliability Culture: Organizational Culture and Leadership Topic 3:
- Lube Oil Analysis and Infrared Thermography Topic 4:
- Electrical Condition-Based Monitoring and NDT Techniques Topic 5:
- Vibration Analysis: Techniques and Categories Topic 6:
- Reflection on Day 5 Training and Course Summary Reflection & Review:

## How This Course is Different from Other Certified Maintenance & Reliability Professional CPD Training Courses:

This CPD Training Course stands out by offering a complete and practical approach to maintenance and reliability. Unlike other courses, this program includes detailed CMRP exam preparation with mock tests and study plans, ensuring participants are thoroughly prepared for certification. The course covers a wide range of topics, from preventive maintenance training to reliability block diagram analysis, providing a holistic view of the field. Interactive sessions, case studies, and practical exercises make the learning experience engaging and applicable to real-world situations. Participants gain access to innovative tools and resources, such as CMMS training software and inventory optimization techniques, enhancing their professional development.



## فئات الدورات التدريبية



HR TRAINING & DEVELOPMENT

دورات إدارة و تطوير الموارد البشرية



دورات إدارة و تحليل البيانات ودورات علم البيانات



دورات إدارة الجودة وتطوير العمليات



الدورات التدريبية في مجال البيئة والاستدامة



دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات



دورات التدريب القانوني والمشتريات والتعاقدات



دورات الاتصال الجماهيري و السياسات والعلاقات العامة



دورات النظم السبراني ودورات تقنية المعلومات



دورات الصيانة ودورات المجالات الهندسية المتنوعة



دورات الصحة والسلامة والأمن المهني



دورات السكرتارية و إدارة المكاتب



دورات الحوكمة وإدارة المخاطر والامتثال



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## فئات الدورات التدريبية



دورات معتمدة من قبل هيئات دولية



دورات في مجالات القيادة والإدارة



دورات المهارات الشخصية وتطوير الذات



دورات المحاسبة و التمويل و دورات الإدارة  
المالية



دورات مكتب إدارة المشاريع وإدارة المشاريع  
الرشيقية

## مدن التدريب



أمستردام - هولندا



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 إندونيسيا



بأكو - أذربيجان



باريس - فرنسا

## مدن التدريب



بورنو - البرتغال



برلين - ألمانيا



برشلونة - إسبانيا



براغ - جمهورية التشيك



جنيف - سويسرا



جاكرتا - جمهورية إندونيسيا



تيليسي - جورجيا



بوكيت - تايلاند



زنجبار - تنزانيا



روما - إيطاليا



دبي - الإمارات العربية المتحدة



جوهانسبرغ - جنوب إفريقيا



شهر الشيخ - مصر



سيول - كوريا الجنوبية



سنغافورة - سنغافورة



سان دييغو - الولايات المتحدة الأمريكية

## مدن التدريب



طوكيو - اليابان



طشقند - أوزبكستان



طرابزون - تركيا



شيكاغو - الولايات المتحدة  
الأمريكية



فيينا - النمسا



فرانكفورت - ألمانيا



عن بعد - منصة زوم



عمان - المملكة الأردنية الهاشمية



لندن - المملكة المتحدة



لانكاوي - ماليزيا



كيب تاون - جنوب إفريقيا



كوالالمبور - ماليزيا



مونترنو - سويسرا



مسقط - سلطنة عمان



مدريد - إسبانيا



ماربيا - إسبانيا

## مدن التدريب



نيس - فرنسا



نيروبي - كينيا



ميونخ - ألمانيا



ميلان - إيطاليا

# 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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Training Center

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