MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

FABRIC MAINTENANCE PROJECT MANAGEMENT

"Deliver Safe, Compliant, and Cost-Effective Fabric Maintenance Projects in Oil, Gas, and Industrial Environments"

Schedule

Date	Venue	Fees (Face-to-Face)
22 - 26 Jun 2026	Dubai - UAE	USD 3495 per delegate
13 – 17 Jul 2026	Istanbul, Turkey	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Fabric maintenance is essential for extending the life of critical assets, preventing corrosion, and ensuring the safety and compliance of industrial infrastructure—particularly in oil & gas, petrochemical, and energy sectors. Effective management of fabric maintenance projects demands specialized knowledge in planning, execution, and monitoring of surface protection programs.

This comprehensive 5-day training course is designed to provide project managers, maintenance planners, and coating specialists with the essential tools and methodologies for delivering high-performance fabric maintenance projects on time, on budget, and with minimal operational disruption.

Objectives

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

- Understand the scope, challenges, and standards of fabric maintenance
- Plan and manage coating, surface preparation, and corrosion prevention activities
- Develop effective schedules, budgets, and resource plans
- Monitor contractor performance and ensure QA/QC in execution
- Apply risk-based strategies to prioritize maintenance and control costs

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Why Attend

- Learn industry best practices in corrosion protection and coating systems
- Improve planning and control of surface preparation and painting works
- Reduce downtime and rework through better project controls
- Enhance safety and regulatory compliance in industrial maintenance
- Master contractor management and performance tracking techniques

Target Audience

This program is designed for:

- Project managers and maintenance engineers
- Asset integrity and corrosion control specialists
- Coating inspectors and QA/QC professionals
- Planners and schedulers in oil, gas, and energy sectors
- Contractors and consultants involved in fabric maintenance services

Individual Benefits

Key competencies that will be developed include:

- Lifecycle planning of coating and surface protection projects
- Risk-based inspection and corrosion assessment
- Managing contractors and surface preparation techniques
- Budgeting, planning, and scheduling FM activities
- Application of international standards such as SSPC, NACE, ISO

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved integrity and appearance of physical assets
- Reduction in unplanned maintenance and corrosion failures
- Enhanced contractor oversight and project delivery efficiency
- Stronger compliance with industry and safety regulations
- Greater value from fabric maintenance investments

Instructional Methodology

The course uses a practical, industry-based learning format:

- Strategy Briefings – International best practices and maintenance standards
- Case Studies – Industrial examples of FM success and failure
- Workshops – Creating execution plans, inspection checklists, and risk logs
- Peer Exchange – Discussion of field challenges and lessons learned
- Tools – Templates for FM project tracking, QA forms, and S-curves

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Course Outline

Detailed 5-Day Course Outline

Training Hours: 7:30 AM – 3:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Fabric Maintenance Fundamentals

- Module 1: Overview of Fabric Maintenance Scope (07:30 – 09:30)
- Definitions, asset classes, and typical activities
- Importance of corrosion protection in energy sectors
- Module 2: Industry Codes and Standards (09:45 – 11:15)
- ISO, NACE, SSPC, and company specifications
- Module 3: Workshop – Defining FM Scope and Asset Priority (11:30 – 01:00)
- Module 4: Surface Degradation Mechanisms (02:00 – 03:30)

Day 2: Planning and Risk-Based Maintenance

- Module 5: FM Project Planning and Scheduling (07:30 – 09:30)
- WBS, man-hour estimation, and productivity factors
- Module 6: Risk-Based Inspection and Prioritization (09:45 – 11:15)
- Module 7: Workshop – FM Project Risk Register (11:30 – 01:00)
- Module 8: Tools for Scope Management and Estimating (02:00 – 03:30)

Day 3: Execution and QA/QC

- Module 9: Surface Preparation Techniques and Coating Application (07:30 – 09:30)
- Module 10: Inspection and Quality Control Processes (09:45 – 11:15)
- Surface profile, DFT measurement, adhesion testing
- Module 11: Workshop – Developing a QA/QC Checklist (11:30 – 01:00)
- Module 12: Contractor Oversight and HSE Controls (02:00 – 03:30)

Day 4: Project Controls and Performance Monitoring

- Module 13: Budgeting and Cost Control for FM Projects (07:30 – 09:30)
- Module 14: Schedule Tracking and Earned Value (09:45 – 11:15)
- Module 15: Workshop – FM Project Dashboard Development (11:30 – 01:00)
- Module 16: Performance Metrics and KPI Analysis (02:00 – 03:30)

Day 5: Completion and Continuous Improvement

- Module 17: Handover, Documentation & Lessons Learned (07:30 – 09:30)
- Module 18: Sustaining FM through Inspection Programs (09:45 – 11:15)
- Module 19: Final Workshop – FM Plan Simulation (11:30 – 01:00)
- Module 20: Summary and Action Planning (02:00 – 03:30)

Certification

Participants will receive a Certificate of Completion in Fabric Maintenance Project Management, recognizing their capability to manage, control, and deliver FM projects aligned with industry standards and asset integrity goals.

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Why Choose MAWA Events

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