MAWA EVENTS

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

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SHUTDOWN / TAR PLANNING & PROJECT MANAGEMENT

"Mastering Effective Planning and Management for Shutdowns and Turnaround Projects"

Schedule

Date	Venue	Fees (Face-to-Face)
07 – 11 Sep 2026	Istanbul, Turkey	USD 3495 per delegate

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

Introduction

Shutdowns and turnarounds (TAR) are crucial for the maintenance and optimization of industrial operations. This 5-day intensive training program provides participants with the necessary knowledge and skills to plan, manage, and execute successful shutdown and turnaround projects. Attendees will learn how to ensure safety, minimize downtime, and enhance operational efficiency during these critical periods.

Through case studies, hands-on workshops, and expert-led discussions, participants will explore the complexities of TAR planning, risk management, resource allocation, and project execution. By the end of the course, delegates will be equipped to lead successful shutdowns and turnarounds that meet time, budget, and safety objectives.

Objectives

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

- Understand the critical steps in shutdown and turnaround planning.
- Effectively manage resources, budgets, and timelines during TAR projects.
- Develop and implement risk management strategies for shutdown and turnaround projects.
- Ensure compliance with safety and regulatory requirements during TAR execution.
- Learn how to integrate lessons learned into future shutdown and turnaround projects.
- Enhance communication and coordination among stakeholders involved in TAR planning and execution.

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Why Attend

- Gain expertise in the planning and execution of shutdowns and turnarounds.
- Learn industry best practices for TAR project management.
- Improve your ability to manage project timelines, resources, and costs.
- Enhance your safety management skills and ensure compliance with regulations.
- Strengthen your leadership and team coordination abilities during high-pressure projects.

Target Audience

This program is designed for:

- Project managers and team leaders responsible for managing shutdowns and turnarounds.
- Maintenance engineers and operations managers.
- Planning and scheduling specialists in manufacturing, oil and gas, and industrial sectors.
- Contractors and consultants involved in shutdown and turnaround projects.
- Anyone looking to improve their skills in managing large-scale maintenance projects.

Individual Benefits

Key competencies that will be developed include:

- Comprehensive understanding of shutdown and turnaround processes.
- Advanced skills in project planning, scheduling, and budgeting.
- Ability to manage risks and troubleshoot issues in TAR projects.
- Practical knowledge in coordinating multidisciplinary teams during TAR.
- Enhanced leadership skills and stakeholder management in project environments.

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved project efficiency and reduced downtime during shutdowns and turnarounds.
- Greater adherence to safety protocols and regulatory requirements.
- Better resource management and cost control in TAR operations.
- Enhanced collaboration across different teams involved in shutdowns.
- More effective planning and execution of future TAR projects.

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – Introduction to key principles of shutdown and turnaround planning and management.
- Case Studies – Real-world examples of successful and failed TAR projects, with analysis of key success factors.
- Workshops – Hands-on sessions where participants will develop their own TAR plans and strategies.
- Peer Exchange – Group discussions and knowledge sharing on common challenges and solutions in shutdowns.
- Tools – Templates for project planning, risk assessments, resource allocation, and scheduling.

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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: Introduction to Shutdown and Turnaround Projects

- Module 1: Overview of Shutdown and Turnaround Processes (07:30 – 09:30) ● Key concepts in shutdown and turnaround projects ● Stages of planning, execution, and closure ● Industry-specific challenges and considerations (oil and gas, manufacturing, etc.)
- Module 2: Risk Management in Shutdowns and Turnarounds (09:45 – 11:15) ● Identifying and assessing risks in TAR projects ● Risk mitigation strategies and contingency planning ● Ensuring safety and compliance in high-risk environments
- Module 3: Workshop – Developing a Risk Management Plan (11:30 – 01:00) ● Group exercise on assessing risks for a sample shutdown project ● Developing a risk management strategy and contingency plans ● Sharing experiences and solutions
- Module 4: Effective Team Coordination and Stakeholder Management (02:00 – 03:30) ● Building effective teams for TAR projects ● Communication and collaboration strategies for multidisciplinary teams ● Managing internal and external stakeholders during TAR

Day 2: Project Planning and Scheduling for Shutdowns

- Module 1: Planning for Shutdown Projects (07:30 – 09:30) ● Key elements of a successful shutdown plan ● Project timelines and critical path analysis ● Resource planning and management
- Module 2: Scheduling Techniques for TAR Projects (09:45 – 11:15) ● Tools for scheduling and tracking progress (Gantt charts, software, etc.) ● Managing overlapping tasks and potential delays ● Prioritizing and allocating resources during shutdowns
- Module 3: Workshop – Creating a Shutdown Schedule (11:30 – 01:00) ● Hands-on practice in creating a detailed shutdown schedule ● Group work on task sequencing and resource allocation ● Presentations and feedback
- Module 4: Budgeting for Shutdown and Turnaround Projects (02:00 – 03:30) ● Cost estimation and budgeting methods for TAR ● Managing cost overruns and ensuring project profitability ● Tracking expenses during the shutdown

Day 3: Execution and Monitoring of TAR Projects

- Module 1: Execution Strategies for Shutdown Projects (07:30 – 09:30) ● Managing the execution phase of shutdowns and turnarounds ● Ensuring alignment between planning and actual execution ● Handling unexpected issues and emergencies
- Module 2: Monitoring and Control of TAR Projects (09:45 – 11:15) ● Tracking progress and performance during the execution phase ● Key performance indicators (KPIs) for TAR projects ● Reporting and ensuring transparency throughout the project
- Module 3: Workshop – Monitoring and Reporting TAR Progress (11:30 – 01:00) ● Group exercise in tracking the progress of a mock TAR project ● Creating progress reports and performance dashboards ● Discussing common pitfalls and corrective actions
- Module 4: Managing Change During Shutdowns (02:00 – 03:30) ● Handling changes in scope, timelines, and resources ● Change management strategies during shutdowns and turnarounds ● Effective communication during change events

Day 4: Advanced Topics in Shutdown and Turnaround Management

- Module 1: Managing Safety and Compliance During TAR (07:30 – 09:30) ● Safety protocols for working in hazardous environments ● Compliance with health, safety, and environmental regulations ● Ensuring a safety culture throughout the TAR process
- Module 2: Optimizing Shutdown Performance (09:45 – 11:15) ● Strategies for reducing downtime and improving efficiency ● Lessons learned from past shutdowns and turnarounds ● Best practices for streamlining shutdown operations
- Module 3: Workshop – Optimization Strategies for TAR (11:30 – 01:00) ● Group work on optimizing a shutdown plan for maximum efficiency ● Identifying bottlenecks and areas for improvement ● Presentations and group feedback
- Module 4: Final Review and Lessons Learned (02:00 – 03:30) ● Reviewing successful shutdown and turnaround projects ● Extracting lessons learned and applying them to future projects ● Final Q&A and preparation for certification

Day 5: Final Assessment and Certification

- Module 1: Final Assessment of Shutdown and Turnaround Plans (07:30 – 09:30) ● Participants will present their shutdown plans and strategies ● Group assessment and feedback from peers and instructors
- Module 2: Wrap-Up and Course Review (09:45 – 11:15) ● Key takeaways and final course review ● Participants share their experiences and lessons learned
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Module 3: Certification and Closing (11:30 – 01:00) ● Final exam and course evaluation ● Certificate distribution and networking opportunities

Certification

Participants will receive a Certificate of Completion in Shutdown / TAR Planning & Project Management, confirming their proficiency in managing and executing shutdown and turnaround projects.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation's unique goals.

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