

OPTIMIZING PLANT SHUTDOWN AND START-UP PROCEDURES FOR EFFICIENCY

“Ensuring Safe, Efficient, and Cost-Effective Turnarounds”

Schedule

Date	Venue	Fees (Face-to-Face)
24 - 28 Aug 2026	London - UK	USD 3495 per delegate

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

Introduction

This focused 5-day training program equips participants with the knowledge and tools to plan, manage, and execute plant shutdowns and start-ups efficiently. It emphasizes minimizing downtime, controlling costs, ensuring safety, and achieving smooth operational transitions.

Objectives

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

- Understand best practices for shutdown and start-up management.
- Develop effective planning and scheduling strategies.
- Identify critical success factors and potential pitfalls.
- Optimize resource allocation and minimize operational disruptions.
- Ensure compliance with safety and environmental standards.

Why Attend

- Improve shutdown and start-up efficiency and safety.
- Reduce costs associated with delays and unplanned issues.
- Strengthen team coordination and communication.
- Enhance overall plant reliability and performance.
- Gain confidence in managing complex turnaround projects.

Target Audience

This program is designed for:

- Maintenance and reliability engineers.
- Plant and operations managers.
- Shutdown/turnaround planners and coordinators.
- Project managers and supervisors.
- Safety officers involved in shutdown/start-up activities.

Individual Benefits

Key competencies that will be developed include:

- Strategic planning and scheduling for shutdowns.
- Risk assessment and contingency planning.
- Coordination of multi-disciplinary teams.
- Cost control and resource optimization.
- Compliance with operational and safety protocols.

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Enhanced efficiency and reduced turnaround times.
- Improved safety outcomes during shutdown and start-up phases.
- Better control over costs and resources.
- Streamlined communication across departments.
- Greater operational reliability and reduced downtime.

Instructional Methodology

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

- Instructor-led Presentations – Concepts, frameworks, and tools.
- Workshops – Hands-on planning and scheduling exercises.
- Case Studies – Real-world examples of successful (and failed) turnarounds.
- Group Exercises – Collaborative problem-solving and simulations.
- Discussions – Sharing experiences and lessons learned.

Course Outline

Detailed 5-Day Course Outline

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

Day 1: Fundamentals of Shutdown and Start-Up

- Module 1: Introduction and Overview
- Module 2: The Shutdown and Start-Up Lifecycle
- Module 3: Defining Project Scope and Objectives

Day 2: Planning and Scheduling

- Module 1: Developing a Master Shutdown Plan
- Module 2: Scheduling Techniques and Tools
- Module 3: Aligning Resources and Budgets

Day 3: Managing Risk and Safety

- Module 1: Conducting Risk Assessments
- Module 2: Safety and Environmental Considerations
- Module 3: Developing Contingency Plans

Day 4: Execution and Monitoring

- Module 1: Coordinating Execution Activities
- Module 2: Tracking Progress and Managing Changes
- Module 3: Communication and Stakeholder Management

Day 5: Post-Start-Up Review and Continuous Improvement

- Module 1: Lessons Learned and Post-Mortem Reviews
- Module 2: Performance Metrics and Reporting
- Module 3: Building a Culture of Continuous Improvement

Certification

Participants will receive a Certificate of Completion in Optimizing Plant Shutdown and Start-Up Procedures, demonstrating their readiness to lead efficient and safe turnaround projects.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
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- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training

Interested in running this course for your team?

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