

## MANAGING SHUTDOWNS, TURNAROUNDS AND OUTAGES

*“Plan, Coordinate, and Execute Industrial Shutdowns, Turnarounds, and Outages Efficiently for Safety, Reliability, and Cost Optimization.”*

### Schedule

Venue (In-house)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

### Introduction

Industrial shutdowns, turnarounds, and outages are critical events that demand meticulous planning, precise execution, and effective control. Mismanagement can result in costly downtime, safety risks, and production losses.

The Managing Shutdowns, Turnarounds and Outages course equips participants with practical strategies, tools, and methodologies to plan, coordinate, and execute these events efficiently. Participants will learn to optimize resources, ensure safety compliance, and enhance plant reliability through structured approaches to industrial maintenance projects.

### Objectives

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

- Understand the principles and challenges of shutdown, turnaround, and outage management.
- Develop comprehensive plans for shutdowns and turnarounds.
- Schedule and coordinate activities to minimize operational disruption.
- Allocate and manage manpower, materials, and equipment efficiently.
- Apply risk assessment and safety management practices.
- Monitor progress, control costs, and ensure timely execution.
- Conduct post-event evaluations to identify lessons learned and improvements.
- Foster cross-functional teamwork and communication during complex maintenance events.

## Why Attend

Proper management of shutdowns, turnarounds, and outages is essential to maximize operational efficiency, reduce costs, and ensure safety. This course provides participants with hands-on skills, practical tools, and real-world insights to execute these critical maintenance events successfully, enhancing both personal competency and organizational performance.

## Target Audience

This course is suitable for:

- Maintenance and Reliability Managers
- Shutdown, Turnaround, and Outage Planners
- Operations and Plant Managers
- Mechanical, Electrical, and Process Engineers
- Safety and Risk Professionals
- Supervisors and Team Leaders responsible for industrial maintenance activities

## Individual Benefits

- Acquire skills to plan, execute, and control shutdowns, turnarounds, and outages.
- Learn to minimize downtime and reduce operational costs.
- Enhance leadership, decision-making, and problem-solving capabilities.
- Improve coordination and collaboration across multidisciplinary teams.
- Increase professional competence and readiness for complex industrial projects.

## Organizational Benefits

- Reduce production losses and maximize equipment availability.
- Optimize allocation of resources and maintenance budgets.
- Enhance operational safety, reliability, and efficiency.
- Establish structured processes for shutdowns, turnarounds, and outages.
- Build a culture of continuous improvement and teamwork.

## Instructional Methodology

The training employs a practical, interactive approach:

- Instructor-led sessions on shutdown, turnaround, and outage management principles
- Industrial case studies and real-world examples
- Workshops on planning, scheduling, and resource management
- Group exercises on communication, coordination, and risk management
- Continuous feedback, Q&A sessions, and applied exercises

## Course Outline

- Module 1: Introduction to Shutdowns, Turnarounds, and Outages
- Module 2: Planning and Scheduling Industrial Maintenance Events
- Module 3: Resource Allocation – Manpower, Materials, and Equipment
- Module 4: Risk Assessment and Safety Management
- Module 5: Execution Control and Progress Monitoring
- Module 6: Budgeting and Cost Management
- Module 7: Team Coordination and Cross-Functional Collaboration
- Module 8: Problem-Solving During Shutdowns and Turnarounds
- Module 9: Post-Event Evaluation and Lessons Learned
- Module 10: Case Studies and Practical Exercises

## Certification

Upon successful completion, participants will receive a Certificate in Managing Shutdowns, Turnarounds and Outages, acknowledging their expertise in planning, executing, and optimizing industrial maintenance events for safety, reliability, and operational excellence.

## 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.

### In-House / Customized Training

Interested in running this course for your team?

Please contact us:

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