MERCURY

Shutdowns, Turnarounds, and Outages Training Course

29 March – 2 April 2027
Amsterdam (Netherlands)



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Ref: 6007_253829 **Date:** 29 March – 2 April 2027 **Location:** Amsterdam (Netherlands) **Fees:** 6200 Euro

Introduction to Managing Shutdowns, Turnarounds, and Outages

Planning and managing shutdowns, turnarounds, and outages in a process plant environment is an intricate and pivotal function. These vibrant events are critical to a plant's operational efficiency and can have significant implications if not executed correctly. For a successful shutdown and turnaround management, teams must address potential budget overruns, avoid costly schedule delays, and prevent negative impacts on customers.

This Shutdowns, Turnarounds, and Outages Training Course is tailored to equip participants with the skills and knowledge necessary to oversee these complex operations effectively.

The curriculum shutdowns, turnaround, and outage management course provide:

- A synthesis of hands-on experience in turnaround planning and execution.
- Insights from seasoned turnaround professionals.
- The incorporation of emerging industry trends to offer a set of best practices in shutdown and turnaround management.

Participants in the shutdowns, turnaround, and outage management course will delve into the fundamental principles that govern effective turnaround management, with an emphasis on the idea that staff from various departments, contractors, and vendors must work collectively, sharing expertise, resources, and effort, to meet company goals and turnaround objectives successfully.

Targeted Groups

- Turnaround Managers.
- Planners.
- Schedulers.
- Reliability Engineers.
- Maintenance Managers.
- Maintenance Supervisors.
- Project Managers.
- Project Engineers.
- Operations Managers.
- Shift Managers.
- Operations Supervisors.
- In this shutdowns, turnaround, and outage management course, Contractors seek to enhance the shutdown and turnaround performance of their clients.

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Course Objectives

By the conclusion of this shutdowns, turnaround, and outage management training, participants will be able to:

- Augment the organization's turnaround management capabilities, fostering a team-based approach in the planning and execution of plant shutdowns and turnarounds.
- Gain a comprehensive understanding of effective turnaround management practices and their execution.
- Recognize strategic planning methods and endorse an integrated organizational approach for the successful completion of turnarounds.
- Incorporate the latest advancements in turnaround planning and management, along with recognizing emerging trends within the industry.
- Streamline the turnaround planning and execution process, ensuring it is professionally gratifying and associated with minimal stress and conflict.

Targeted Competencies

Upon the conclusion of this shutdowns, turnaround, and outage management course, the target competencies will be able to develop the following:

- Shutdown strategy development.
- Shutdown and turnaround planning.
- Understand shutdown management and cradle-to-grave control.
- Execution of shutdowns and turnarounds.

Course Content

Unit 1: Foundations of Shutdown and Turnaround Management

- Overview and introduction.
- Develop a shutdown planning strategy.
- Address shutdown/turnaround problems and issues.
- Engage in careful management planning.

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Unit 2: Preparing for a Successful Shutdown/Turnaround

- Plant shutdown preparation for maintenance.
- Develop work scope and work breakdown structures.
- Clarify organization and roles for effective management.

Unit 3: Advanced Planning Techniques for Shutdowns and Turnarounds

- Craft detailed shutdown and turnaround plans.
- Employ the critical path planning method.
- "Short-cut" planning methods.
- Learn about scheduling techniques for multiple overlapping projects.

Unit 4: Mastering Costs, Control, and Contractor Engagement in Shutdowns

- Formulate budgets specific to shutdowns.
- Monitor progress, control costs, and track productivity.
- Understand the logistics of materials planning and control.
- Effective contractor management during shutdowns.

Unit 5: Prioritizing Safety, Quality, and Risk Management

- Commit to safety, quality, and environmental management.
- Implement risk management strategies.
- Integrate risk management insights into the comprehensive shutdown plan.
- Summarize the key takeaways and conclude the course.

Participants will gain an enriched understanding of managing maintenance shutdowns, turnarounds, and outages while focusing on effective strategies for successful business turnarounds. With this enhanced curriculum, attendees will be well-equipped to lead and contribute to the complex processes of shutdown, turnaround, and outage management.