

Managing Efficient Shutdowns & Turnarounds

Duration 5 Days

Course objective

- To enhance the company's turnaround management capabilities, and to ensure a team approach in the planning and execution of plant shutdowns and turnarounds
- Provide a comprehensive understanding of effective turnaround management techniques and implementation
- Create awareness of planning methods and an integrated organizational approach in the execution of successful turnarounds
- Incorporate latest developments in turnaround planning and management techniques and emerging industry trends

Course Outline:

Introduction to Shutdowns and Turnarounds

- Introduction to Shutdown and Turnaround Management
- The Shutdown Management Process
- Organization and Roles

Shutdown/Turnaround Preparation

- Plant Shutdown and Preparation for Maintenance
- Scope of Work Development and Work Breakdown Structures
- Preparation and Execution Issues
- Logistics, infrastructure and materials management

Shutdowns/Turnaround Planning Techniques

- Developing Shutdown and Turnaround Plans
- The Critical Path Planning Method
- "Short Cut" Planning Methods
- Developing the overall Shutdown Plan

Progress Monitoring and Control

- Progress Monitoring and Control
- Budgeting and Cost Control
- Earned Value, Earned Hours and Key Performance Indicators
- Finalization, Post-Audit and Improvement planning

- Contractors and Contractor Management
- Managing Safety

Safety, Quality and Risk Management

- Managing Safety and Quality
- Risk Management
- Overview of Computerized Tools
- Conclusion