

MANAGING EFFICIENT SHUTDOWN & TURNAROUNDS



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TRAINING TITLE

MANAGING EFFICIENT SHUTDOWN & TURNAROUNDS

VENUE

Dubai, UAE

DURATION

5 Days

DATES

30 October - 03 November 2022

PRICE

US\$4,000 per attendee including training material/handouts, morning/afternoon coffee breaks and Lunch buffet.

TRAINING INTRODUCTION

Equipment Maintenance is a complex process in any industry regardless of its scope. Shutdowns provide unique opportunities to a maintenance department not normally available during standard operation or even during short shutdown periods. A large work is required to schedule into a relatively short period of time. Very often, the cost of lost production due to unplanned failures far outweighs the shutdown cost.

This course provides the basics and applications required for any successful shutdown maintenance program. Good understanding of shutdown maintenance techniques and relevant decisions will lead to profitable industrial systems.

TRAINING OBJECTIVES

This workshop to provide Operators and technicians with the basic theoretical and practical understanding of:

- Introduction to Shutdowns and Turnarounds.
- Shutdown/Turnaround preparation (SOW, budget, material and resources)
- Plant shutdown and preparation for maintenance.
- Preparation and Execution issues on Logistic, Infrastructure and Materials Management

- Developing Shutdown and Turnaround Plans by the Critical Path Planning Method
- Resource Management, Cost performance measures.
- Performance management
- Maximizing people resources
- Safety, Quality and Risk Management
- Overview of Computerised Tools, Case studies

TRAINING AUDIENCE

- Maintenance Engineers and Supervisors
- Maintenance Managers
- Maintenance Foremen
- Maintenance Planners
- Operations Staff
- Plant Managers
- Material Supervisors

TRAINING OUTLINE

First Day

SHUTDOWN BASICS

- What is Shutdown?
- Reasons for Shutdowns
- Shutdown Planning Success Factors
- Comparing Shutdowns with Projects
- Shutdown Communications

Second Day

SHUTDOWN WORK IDENTIFICATION AND SELECTION

- Notifications
- Prioritize jobs
- Selection of shutdown jobs and criteria
- Sources of Shutdown Work

Third Day

SHUTDOWN EXECUTION

- Implementation
- Test & Acceptance
- Variations to Contract
- Progress Reviews & Deadlines
- Tracking of Work
- Controlling Time and Costs

Fourth Day

POST SHUTDOWN

- Reporting Systems
- Review of Reports
- Audit of Work Done
- Punch lists

SHUTDOWN RISK MANAGEMENT

- What is Risk Management?
- Types of risks in shutdowns
- Risk checklist
- Dealing with shutdown risks

Fifth Day

COST MANAGEMENT OF SHUTDOWN

- Shutdown cost controllable factors
- Shutdown budgeting
- Budget and cost tracking
- Tools for budgeting and costing

TRAINING CERTIFICATE

MAESTRO CONSULTANTS Certificate of Completion for delegates who attend and complete the training course

METHODOLOGY

Our courses are highly interactive, typically taking a case study approach that we have found to be an effective method of fostering discussions and transferring knowledge. Participants will learn by active participation during the program through the use of individual exercises, questionnaires, team exercises, training videos and discussions of “real life” issues in their organizations.

The material has been designed to enable delegates to apply all of the material with immediate effect back in the workplace.