

**Training Title**

**TURNAROUND, SHUTDOWN AND OUTAGE MANAGEMENT**

**Training Duration**

**5 Days**

**Training Venue and Dates**

REF	Turnaround, Shutdown and Outage				
ME046	Management	5	13-17 June 2021	\$4,500	Dubai, UAE

In any of the 5 star hotels. The exact venue will be informed soon.

**Training Fees**

- 4,500 US\$ per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Buffet Lunch

**Training Certificate**

Define Management Consultancy & Training Certificate of course completion will be issued to all attendees.

**TRAINING DESCRIPTION**

Scheduled turnarounds are difficult to manage. Managing a surprise shutdown or outage is like firefighting. Firefighters succeed because they know what strategies work and are highly trained to handle complex, risky situations. Uncertainty and complexity abound when a plant is down. Extra work can appear when equipment is opened and inspected. Integrating project work increases the challenge. Experienced instructors show you how to control scope uncertainty, tackle the complexity of integrating project work, and get the facility restarted.

**TRAINING OBJECTIVES**

- Deploy scarce resources (time, people and materials)
- Complete work on time and within budget
- Utilize best practices in TSO planning, execution and closeout
- Manage engineering, maintenance, operations and project interfaces

**WHO SHOULD ATTEND**

Managers, supervisors, engineers, schedulers in maintenance, operations, reliability, HSE, procurement and projects should attend. This course also helps business, commercial, finance and other non-technical personnel who want to know more about turnaround, shutdown and outage best practices.

## TRAINING METHODOLOGY

A highly interactive combination of lecture and discussion sessions will be managed to maximize the amount and quality of information, knowledge and experience transfer. The sessions will start by raising the most relevant questions, and motivate everybody finding the right answers. The attendants will also be encouraged to raise more of their own questions and to share developing the right answers using their own analysis and experience

All attendees receive a course manual as a reference.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Group Work & Practical Exercises
- 20% Videos & General Discussions

## COURSE OVERVIEW

- Establish targets to ensure support from all facility stakeholders
- Develop a robust resource plan and get the resources you need
- Integrate scopes for both maintenance and projects
- Establish turnaround scope selection criteria early
- Select a computerized work system
- Address key outage constraints and operations interfaces
- Develop a robust contracting plan
- Prepare an execution plan
- Measure and control shutdown progress

## DAILY OUTLINE IN DETAIL

- Six-phases of turnaround, outage and shutdown management
- Issues and challenges
- Quality control
- Health, safety and environmental planning
- Computerized systems- benefits and choices
- Integrating the plan
- Managing stakeholders and resources
- Procurement and contracting
- Tracking progress and controlling change

## NOTE:

Pre & Post Tests will be conducted

Case Studies, Group Exercises, Group Discussions, Last Day Review & Assessments will be carried out.

.....  
DMCT/OL/9/18(Rev3Dt:23/9/18)