

TRAINING TITLE

MANAGING SHUTDOWNS, TURNAROUNDS & OUTAGES

TRAINING DURATION

5 days

TRAINING VENUE AND DATES

REF ME061	Managing Shutdowns, Turnarounds and Outages	5 days	29 March - 02 April, 2020	\$4,500	Dubai, UAE
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In any of the 5 star hotel. Exact venue will be informed later.

TRAINING FEES

4,500 US\$ per participant includes Training Materials/Handouts, Tea/Coffee breaks, Refreshments and International Buffet Lunch.

TRAINING CERTIFICATE

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

TRAINING OBJECTIVES

Planning and managing shutdowns, turnarounds and outages in the process plant environment is a complex and demanding function. If turnarounds are not properly planned, managed and controlled, companies run the risks of serious budget overruns, costly schedule delays and negative impacts on customers. This program will look into many aspects related to a practical shutdown and will discuss issues in the heart of turnarounds management.

WHO SHOULD ATTEND

- Shutdown or turnaround professionals and coordinators
- Planning/scheduling and cost control staff
- Construction superintendents and supervisors
- Operations shutdown/outage coordinators
- Project engineers and contract administrators
- Participation from inspection, materials, safety and maintenance engineering is also encouraged

TRAINING METHODOLOGY:

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

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions, and motivate everybody find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course. Very useful Course Materials will be given.

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

COURSE OUTLINE

DAY 1

Types of Shutdown
Turnaround Planning
Turnaround Steering Committee
Preplanning
Budgeting
Inspection
Operations and Technological
Staff Optimization
Key performance indicators
Shutdown communication
Contract Strategy
Contractor Selection
Turnaround Organization

DAY 2

Logistics
Scheduling and Critical Path Method
Resource Allocation & Control
Work Permit System
Gas Freeing
Spade Isolation Lists
Gas Testing
Equipment Opening & Removal
Turnaround Risks

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Hazardous substances

DAY 3

Confined space entry

Health and safety

Turnaround Responsibilities (Engineering, Operations and Technological)

Prioritization – extra work

Heaters, vessels, heat exchangers, tanks, rotating equipment

Cleaning on Site

DAY 4

Welding

Water Jetting

Radiography

Inspection

Repairs, Installation of Internals

Quality control

Pressure Testing

DAY 5

Boxing Up Procedure

De-Isolation & Commissioning

Start-up Plan

Emergency Staff

Post-Mortem Best Practices

Case Studies

Course summary and Evaluation

NOTE:

- Pre & Post Tests will be conducted
- Case Studies, Group Exercises, Group Discussions, Last Day Review & Assessments will be carried out.

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