

GLOBAL EXPERTS INSTITUTE FOR TRAINING.  
ISO 9001-2008 TRAINING PROVISION CERTIFIED

## Managing Shutdowns Turnarounds and Outages

### Schedule Dates:

<b>Start Date</b>	<b>End Date</b>	<b>Place</b>
3 March 2024	7 March 2024	Dubai – The H hotel

### Program Introduction:

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 risk of serious budget overruns, costly schedule delays and negative impacts on customers.

### Program Objective:

- ✓ Position shutdowns and turnarounds as part of an overall strategy of improving business performance
- ✓ Build the best shutdown and turnaround team possible from the resources available
- ✓ Reduce the cost and downtime associated with shutdowns and turnarounds whilst simultaneously improving safety performance
- ✓ Understand the critical processes, skills and tools required to establish outstanding shutdown performance
- ✓ Use our best-in-class Model of Excellence to analyze their own performance, explain key principles to others and build a detailed methodology tailored to their own needs
- ✓ Maximize the benefits of planning and preparation through our proactive challenge planning process
- ✓ Build a turnaround from the ground up: From concept to execution and review

### Who should attend?

Turnaround managers, planners, schedulers, reliability engineers, maintenance managers, maintenance supervisors, project managers, project engineers, operations managers, shift managers, operations supervisors and people who are in training for these positions. This course is also designed for contractors who want to contribute to the shutdown performance of clients.

## Program Outlines

### *Day One*

#### **Introduction to Shutdowns, Turnarounds and Outages**

- Introduction and overview of the phases
- The impact of STOs on business performance and costs
- The team, roles and responsibilities matrix
- The STO steering committee and other essential roles
- Risk management

### *Day Two*

#### **Planning and Preparation**

- Define and justify the need
- Identify the sources and types of work
- Define and develop the scope of work
- Work planning for efficiency
- Work quality planning for effectiveness
- Work estimating for scheduling and budgeting

### *Day Three*

#### **Scheduling and Resourcing**

- Work breakdown structures
- Introduction to scheduling
- Critical path scheduling
- Resource scheduling and optimization
- Schedule and resource optimization practical
- Work packaging

### *Day Four*

#### **Execution and Control**

- Cost budget and control
- Health, safety and environmental control
- Work quality control
- Execution control
- Progress tracking and schedule control

### *Day Five*

#### **Commissioning, Close-out and Review**





- S-curves, earned value and performance indicators
- Contract and contractor management
- Commissioning and start-up
- Close-out reporting and review

#### **Training Methodology:**

- Slide presentations
- Interactive discussion
- Simulations and Gamification
- Online Video material

#### **Cost Quotation in Kuwaiti Dinars**

#### **The total cost includes:**

-  Instructor(s) expenses
-  Training materials
-  Certification
-  Lunch Buffett

**Total Cost: 1350 KD per Participant**  
( One Thousand Three Hundred Fifty Kuwaiti Dinar )