



*Training Course:
Shutdowns, Turnarounds and Outages*

*10 - 14 May 2027
Kuala Lumpur (Malaysia)*

Training Course: Shutdowns, Turnarounds and Outages

Training Course code: EN6007 From: 10 - 14 May 2027 Venue: Kuala Lumpur (Malaysia) - Training Course Fees: 6825 € Euro

Introduction

Shutdowns, Turnarounds, and Outages STO are critical, high-impact events in industrial operations where facilities are partially or fully taken offline to perform maintenance, inspections, upgrades, and repairs. These events involve significant cost, risk, and coordination, making effective planning and execution essential to minimize downtime and ensure safety.

This program, designed by Global Horizon Training Center, equips participants with structured methodologies, tools, and best practices to plan, manage, and execute STO events efficiently, ensuring operational excellence and cost optimization.

Course Objectives

By the end of this program, participants will be able to:

- Understand the lifecycle of shutdowns, turnarounds, and outages
- Develop comprehensive STO plans and schedules
- Manage scope, cost, and resources effectively
- Coordinate multidisciplinary teams and contractors
- Apply risk management and safety practices
- Monitor execution and control performance
- Optimize shutdown duration and cost
- Ensure successful project completion and restart

Target Audience

This program is designed for:

- Maintenance and Reliability Engineers
- Planning and Scheduling Engineers
- Project and Operations Managers
- Shutdown and Turnaround Coordinators
- Oil & Gas and Industrial Professionals
- Technical staff involved in maintenance projects

Outline

Day 1: Fundamentals of STO Management

- Overview of shutdowns, turnarounds, and outages
- Types and objectives of STO events
- STO lifecycle phases
- Roles and responsibilities
- Key success factors

Day 2: Planning and Scope Management

- Scope definition and work identification
- Work breakdown structure WBS
- Resource and cost estimation
- Risk assessment and mitigation
- Planning tools and techniques

Day 3: Scheduling and Resource Coordination

- Scheduling principles and techniques
- Critical path and timeline optimization
- Contractor and workforce management
- Material and logistics planning
- Coordination with operations

Day 4: Execution and Control

- Execution strategies and monitoring
- Safety management during STO
- Quality control and compliance
- Progress tracking and reporting
- Managing changes and issues

Day 5: Optimization, Closeout, and Best Practices

- Performance evaluation and KPIs
- Cost and schedule optimization
- Lessons learned and continuous improvement
- Documentation and reporting
- Case studies and real-world applications

Registration form on the Training Course: Shutdowns, Turnarounds and Outages

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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