# Training Course:
# Transmission Pipeline Facilities Control Room Operations

## 29 September - 10 October 2025
## Kuala Lumpur (Malaysia)
## Royale Chulan Kuala Lumpur

# Training Course:
# Transmission Pipeline Facilities Control Room Operations

Training Course code: EN235643  From: 29 September - 10 October 2025  Venue: Kuala Lumpur (Malaysia) - Royale Chulan Kuala Lumpur Training Course Fees: 10600 ⬜ Euro

## Introduction

Effective operation of control rooms in transmission pipeline facilities is pivotal for the safe and smooth flow of resources. This comprehensive 10-day training program, developed by Global Horizon Training Center, aims to provide operators, engineers, and technical staff with the advanced skills needed for efficient pipeline system management, continuous monitoring, and effective emergency response.

## Objectives

Participants will:

- Gain an in-depth understanding of control room operations and functions.

- Master the use of control systems and monitoring technologies.

- Develop proficiency in safety protocols and emergency response.

- Enhance analytical skills for data interpretation and decision-making.

- Improve communication for seamless coordination with various teams.

## Course Methodology

This course incorporates:

- Expert-led lectures and presentations.

- Interactive simulation exercises.

- Group discussions and scenario-based problem-solving.

- Real-world case studies.

- Hands-on workshops and Q&A sessions.

## Organizational Impact

This training will:

- Elevate safety and reliability in pipeline operations.

- Reduce downtime and boost operational efficiency.

- Ensure staff stays compliant with industry standards.

- Encourage a proactive approach to potential issues.

- Strengthen interdepartmental coordination.

## Target Audience

- Control room operators and supervisors.

- Pipeline engineers and technical staff.

- Operational managers.

- Safety and compliance officers.

- New employees seeking foundational training in control room operations.

## Course Outlines:

### Day 1: Introduction to Pipeline Control Room Operations

- Overview of pipeline transmission systems.

- Control room roles and key functions.

- Introduction to control room equipment and technologies.

- Industry safety standards and regulatory compliance.

### Day 2: Monitoring Systems and Data Interpretation

- Comprehensive study of SCADA systems.

- Real-time data monitoring and control techniques.

- Analysis of system data for performance tracking.

- Workshop: Basic SCADA operations and troubleshooting.

### Day 3: Control Room Workflow Management

- Designing efficient control room workflows.

- Best practices in alarm handling and management.

- Prioritizing tasks and responses.

- Interactive session: Streamlining daily operations.

## Day 4: Safety Management and Protocols

- Safety strategies for routine and emergency operations.

- Risk management: Identifying and mitigating potential hazards.

- Compliance with health, safety, and environmental regulations.

- Case study: Safety protocols in action.

## Day 5: Emergency Preparedness and Response

- Emergency response planning and execution.

- Coordinating with field teams during incidents.

- Workshop: Role-playing emergency scenarios.

- Group exercise: Drafting an emergency response blueprint.

## Day 6: Advanced Data Analysis for Decision-Making

- Leveraging data for system diagnostics and efficiency.

- Predictive maintenance practices.

- Troubleshooting advanced control room issues.

- Communication strategies for crisis and non-crisis situations.

## Day 7: System Optimization and Performance Enhancement

- Techniques for boosting pipeline system performance.

- Evaluating system reliability and implementing improvements.

- Hands-on session: Monitoring system adjustments.

- Best practices for reducing operational downtime.

## Day 8: Communication and Coordination Techniques

- Effective internal and external communication methods.

- Coordinating responses with technical and field staff.

- Building effective reports and documentation.

- Role-play: Real-time decision-making and team coordination.


## Day 9: Simulation and Practical Training

- Simulated control room exercises for crisis and routine management.

- Handling complex scenarios with hands-on simulations.

- Developing cohesive team responses.

- Feedback session: Analyzing and improving response strategies.


## Day 10: Review, Assessment, and Feedback

- Review of key concepts and best practices.

- Comprehensive assessment practical and theoretical.

- Group discussion on future applications and lessons learned.

- Course completion ceremony and feedback collection.

## Registration form on the Training Course:
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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): ......................................................................................................................
Position: ..........................................................................................................................................................
Telephone / Mobile: .......................................................................................................................................
Personal E-Mail: .............................................................................................................................................
Official E-Mail: ................................................................................................................................................

### Company Information

Company Name: ...............................................................................................................................................
Address: ..........................................................................................................................................................
City / Country: .................................................................................................................................................

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): ......................................................................................................................
Position: ..........................................................................................................................................................
Telephone / Mobile: .......................................................................................................................................
Personal E-Mail: .............................................................................................................................................
Official E-Mail: ................................................................................................................................................

### Payment Method

☐ Please find enclosed a cheque made payable to Global Horizon

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### Easy Ways To Register

| Telephone: +201095004484 to provisionally reserve your place. | Fax your completed registration form to: +20233379764 | E-mail to us : info@gh4t.com or training@gh4t.com | Complete & return the booking form with cheque to:Global Horizon 3 Oudai street, Aldouki, Giza, Giza Governorate, Egypt. |