



*Training Course:
Transmission Pipeline Facilities Control Room
Operations*

*2 - 6 February 2025
Dubai (UAE)*

Residence Inn by Marriott Sheikh Zayed Road, Dubai

Training Course: Transmission Pipeline Facilities Control Room Operations

Training Course code: EN235642 From: 2 - 6 February 2025 Venue: Dubai (UAE) - Residence Inn by Marriott Sheikh Zayed Road, Dubai Training Course Fees: 5300 € Euro

Introduction

Effective operation of control rooms in transmission pipeline facilities is crucial for ensuring the safe and efficient flow of resources. This training program, crafted by Global Horizon Training Center, is aimed at equipping control room operators, engineers, and technical staff with the essential skills needed for managing complex pipeline systems, monitoring operations, and responding to critical situations effectively.

Objectives

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

- Understand the operational structure and functions of pipeline control rooms.
- Master key control systems and software used in monitoring and managing transmission pipelines.
- Apply safety and risk management protocols to prevent and respond to emergencies.
- Interpret pipeline data for effective decision-making and optimize system performance.
- Enhance communication skills to ensure coordination with different teams and stakeholders.

Course Methodology

The program will use a blend of training methods, including:

- Interactive lectures and expert presentations.
- Hands-on simulation exercises for practical application.
- Group discussions and scenario analysis for problem-solving.
- Case studies from real-world pipeline operations.
- Q&A sessions for knowledge reinforcement.

Organizational Impact

Implementing this training will:

- Improve overall safety and reliability of pipeline operations.
- Increase productivity and reduce downtime through skilled management.
- Equip staff with updated knowledge of industry regulations and compliance standards.
- Foster a proactive approach to potential operational challenges.
- Enhance collaboration across departments through improved communication.

Target Audience

This course is designed for:

- Control room operators and supervisors.
- Pipeline engineers and maintenance staff.

- Technical and operational managers.
- Safety and compliance officers.
- New recruits seeking foundational knowledge in control room operations.

Course Outline:

Day 1: Fundamentals of Pipeline Control Room Operations

- Introduction to transmission pipeline systems and their components.
- Overview of control room roles and responsibilities.
- Key control systems and interfaces used in modern operations.
- Safety protocols and compliance regulations overview.

Day 2: Monitoring and Control Systems

- Detailed analysis of SCADA Supervisory Control and Data Acquisition systems.
- Data interpretation for effective pipeline monitoring.
- Alarm management and response strategies.
- Real-time monitoring and performance optimization techniques.

Day 3: Safety and Emergency Response

- Emergency procedures and protocols in control rooms.
- Risk assessment and management strategies.
- Case studies: Handling critical incidents in real-world scenarios.
- Workshop: Developing an effective emergency response plan.

Day 4: Advanced Data Analysis and Decision-Making

- Leveraging data for predictive maintenance and system efficiency.
- Troubleshooting common operational issues.
- Communication strategies for coordinating with field teams.
- Best practices in reporting and documentation.

Day 5: Practical Applications and Scenario Simulations

- Simulated control room exercises: Applying knowledge to real-life scenarios.
- Group activity: Creating a comprehensive response plan for a pipeline disruption.
- Review of key takeaways and best practices.
- Course evaluation and feedback session.

Registration form on the Training Course: Transmission Pipeline Facilities Control Room Operations

Training Course code: EN235642 **From:** 2 - 6 February 2025 **Venue:** Dubai (UAE) - Residence Inn by Marriott
Sheikh Zayed Road, Dubai **Training Course Fees:** 5300 € Euro

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
- Please invoice me
- Please invoice my company

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.