



*Training Course:  
Synergy Gas Operations & Management  
Excellence*

*7 - 11 June 2026*

*Cairo (Egypt)*

*Holiday Inn & Suites Cairo Maadi, an IHG Hotel*

## Training Course: Synergy Gas Operations & Management Excellence

Training Course code: EN236513 From: 7 - 11 June 2026 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 4410 € Euro

### Introduction

With the rapid evolution of the gas and energy sector, modern gas companies are required to achieve high levels of operational integration, efficiency, safety, and sustainability to ensure business continuity and operational excellence. The concept of **Synergy Gas** focuses on enhancing the integration between operational processes, safety systems, risk management, smart technologies, and energy management to maximize operational performance while minimizing losses and operational costs.

This professional training program, designed by Global Horizon Training Center, aims to provide participants with advanced knowledge and practical skills in managing and operating modern gas systems according to international best practices. The program emphasizes operational safety, gas network management, smart monitoring and control systems, emergency response, and operational sustainability.

The course also focuses on strengthening participants' capabilities in addressing operational challenges, improving performance efficiency, and integrating technical, operational, and managerial functions within gas and energy organizations.

### Course Objectives

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

- Understand the modern concepts and operational framework of Synergy Gas systems.
- Identify the components and operational structure of gas networks.
- Apply international safety standards and risk management practices in gas operations.
- Analyze operational challenges and improve system performance.
- Manage gas transmission and distribution systems effectively.
- Utilize smart technologies and monitoring systems in gas operations.
- Develop emergency response and business continuity plans.
- Enhance coordination between technical, operational, and management teams.
- Improve energy efficiency and reduce operational losses.
- Apply global best practices in gas operations and maintenance.

### Target Audience

This program is designed for:

- Gas and Energy Engineers
- Operations and Maintenance Managers

- Gas Distribution and Transmission Supervisors
- Safety and HSE Professionals
- Pipeline and Network Engineers
- SCADA and Control System Engineers
- Risk Management and Emergency Response Personnel
- Technical and Operational Team Leaders
- Professionals working in gas infrastructure and energy projects

## Training Outline

### Day 1: Fundamentals of Synergy Gas Systems & Operational Integration

- Overview of the modern gas industry and operational challenges
- Introduction to Synergy Gas concepts and operational integration
- Components of gas systems and distribution networks
- Gas flow cycle: production, transmission, and distribution
- Integration between operational and technical functions
- Gas flow management and pressure control systems
- International standards and compliance requirements
- Introduction to operational risk assessment

### Day 2: Gas Network Operations & Performance Management

- Operation and management of gas transmission and distribution networks
- Monitoring network performance and operational analytics
- Load management and supply continuity strategies
- Leakage detection and loss reduction techniques
- Energy efficiency optimization in gas operations
- Preventive and predictive maintenance strategies
- Key Performance Indicators KPIs in gas operations
- Digital transformation applications in the gas sector

### Day 3: Safety & Risk Management in Gas Operations

- International safety standards in gas operations
- Hazard identification and operational risk analysis
- Gas leak detection and early warning systems
- Emergency response and incident management
- Crisis management and evacuation planning
- Incident investigation and root cause analysis
- Safety procedures in gas storage and transportation
- Building a strong safety culture and compliance framework

### Day 4: Smart Systems & Advanced Control Technologies

- SCADA systems and smart control technologies in gas operations
- Real-time operational monitoring and data management
- Artificial Intelligence applications in gas operations
- Automation and intelligent operational control

- Cybersecurity for gas and energy systems
- Integration between maintenance and control systems
- Digital transformation and innovation in the gas industry
- International case studies on smart gas systems

#### Day 5: Sustainability & Operational Excellence in the Gas Industry

- Sustainability strategies in gas operations
- Operational efficiency and emissions reduction
- Quality management and operational excellence
- Business continuity and crisis management planning
- Long-term operational planning and optimization
- Leadership strategies for technical operations
- Building high-performance operational teams
- Practical workshops and advanced case studies
- Developing operational improvement action plans

## Registration form on the Training Course: Synergy Gas Operations & Management Excellence

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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
- 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  
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Complete & return the  
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