Global Horizon
TRAINING CENTER

Training Course:
Mark VIe PLC Control

17 - 21 May 2026
Dubai (UAE)

Training Course:
Mark VIe PLC Control

Training Course code: EN235446 From: 17 - 21 May 2026 Venue: Dubai (UAE) - Training Course Fees: 5830 Euro

Introduction

The Mark VIe control system is a critical platform used in industrial automation, particularly within power generation and oil & gas operations. Its reliability, redundancy architecture, and advanced control capabilities make it essential for managing complex processes and ensuring operational continuity.

This program, designed by Global Horizon Training Center, provides participants with the practical knowledge and technical skills required to operate, configure, and troubleshoot Mark VIe PLC control systems effectively in real-world industrial environments.

Course Objectives

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

- Understand the architecture and components of Mark VIe control systems
- Navigate and operate the Mark VIe Human-Machine Interface HMI
- Configure control logic and system parameters
- Interpret system alarms, events, and diagnostics
- Perform routine system monitoring and performance checks
- Troubleshoot faults and system failures effectively
- Apply best practices for system maintenance and reliability
- Ensure safe operation and compliance with industrial standards

Target Audience

This program is designed for:

- Electrical and Control Engineers
- Instrumentation and Automation Engineers
- Maintenance and Reliability Engineers
- Power Plant and Oil & Gas Operations Personnel
- Technicians responsible for control systems operation and maintenance
- SCADA and DCS System Operators

Outline

Day 1: Introduction to Mark VIe Control Systems

- Overview of Mark VIe system architecture
- Key components: controllers, I/O modules, networks
- Redundancy concepts and system reliability
- Introduction to control system applications in industry
- Safety considerations and operational overview

Day 2: System Operation and HMI Navigation

- Human-Machine Interface HMI structure and navigation
- Monitoring system status and process variables
- Alarm management and event handling
- Data visualization and trending tools
- Operator best practices

Day 3: Configuration and Control Logic

- Introduction to configuration tools e.g., ToolboxST
- Control logic fundamentals and function blocks
- Parameter configuration and system tuning
- Input/Output I/O configuration
- Uploading and downloading configurations

Day 4: Diagnostics and Troubleshooting

- System diagnostics and fault identification
- Troubleshooting communication and hardware issues
- Alarm analysis and root cause identification
- Preventive maintenance practices
- Backup and recovery procedures

Day 5: Advanced Applications and System Integration

- Integration with SCADA and other control systems
- Network architecture and communication protocols
- Cybersecurity considerations in control systems
- System optimization and performance improvement
- Case studies and practical scenarios

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: .....
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Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....
Position: .....
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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.