Global Horizon
TRAINING CENTER

Training Course:
Mechanical Ventilation Heat Recovery Installer

20 - 24 September 2026
Cairo (Egypt)
Holiday Inn & Suites Cairo Maadi, an IHG Hotel

Training Course:
Mechanical Ventilation Heat Recovery Installer

Training Course code: EN234605 From: 20 - 24 September 2026 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 4410 Euro

Introduction

Mechanical Ventilation Heat Recovery MVHR systems are essential in modern energy-efficient buildings, providing continuous fresh air while recovering heat from exhaust air to reduce energy consumption. Proper installation is critical to ensure optimal system performance, indoor air quality, and compliance with building standards.

This program, designed by Global Horizon Training Center, equips participants with the practical knowledge and technical skills required to install, commission, and maintain MVHR systems in residential and commercial buildings.

Course Objectives

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

- Understand the principles of mechanical ventilation and heat recovery
- Identify MVHR system components and configurations
- Install MVHR systems according to design specifications
- Perform ductwork installation and airflow balancing
- Ensure compliance with building codes and ventilation standards
- Conduct system testing and commissioning
- Perform routine maintenance and troubleshooting
- Optimize system performance and energy efficiency

Target Audience

This program is designed for:

- HVAC Technicians and Installers
- Mechanical and Building Services Engineers
- Facility and Maintenance Personnel
- Construction and Fit-out Professionals
- Energy Efficiency Specialists
- Individuals involved in ventilation system installation

Outline

Global Horizon TRAINING CENTER

Day 1: Fundamentals of MVHR Systems

- Introduction to ventilation and indoor air quality
- Principles of heat recovery ventilation
- MVHR system components and operation
- Types of MVHR systems
- Standards and regulations

Day 2: System Design and Preparation

- Reading MVHR design drawings and specifications
- System sizing and airflow requirements
- Ductwork design and layout considerations
- Equipment selection and placement
- Installation planning

Day 3: Installation Practices and Techniques

- MVHR unit installation procedures
- Ductwork installation and sealing
- Insulation and condensation control
- Electrical connections and controls
- Installation quality checks

Day 4: Commissioning and Performance Testing

- System commissioning procedures
- Airflow measurement and balancing
- Performance verification and adjustments
- Troubleshooting installation issues
- Documentation and handover

Day 5: Maintenance, Optimization, and Case Studies

- Routine maintenance and servicing
- Filter replacement and system cleaning
- Identifying and resolving common faults
- Energy efficiency optimization
- Case studies and real-world applications

Registration form on the Training Course: Mechanical Ventilation Heat Recovery Installer

Training Course code: EN234605 From: 20 - 24 September 2026 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 4410 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.