



*Training Course:
Domestic Ventilation*

2 - 6 March 2025

Cairo (Egypt)

Holiday Inn & Suites Cairo Maadi, an IHG Hotel

Training Course: Domestic Ventilation

Training Course code: EN234604 From: 2 - 6 March 2025 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3900 € Euro

Introduction:

The ventilation training and assessment course has been developed by leading industry experts and focuses on providing a technical competency for electricians, contractors, heating engineers and ventilation installers. The course covers everything from passive stack ventilation to commissioning of a mechanical ventilation heat recovery unit.

What is covered on the domestic ventilation course?

The course has been designed to improve your knowledge of domestic ventilation systems and have a good understanding of how they work. This is the minimum technical competency requirement for installers looking to apply to join a Competent Person Scheme in England, Scotland, Wales and Northern Ireland.

The domestic ventilation training and assessment course has been designed to provide you with the required skills in the principles of ventilation, design, installation, testing, commissioning, handover, servicing and fault-finding of domestic ventilation systems in accordance with the National Occupational Standards and Minimum Technical Competency documents.

Do I need to have knowledge of ventilation systems already?

It is advised that candidates are competent and have some knowledge of domestic ventilation systems prior to attending. We also suggest experience within the heating, plumbing or electrical sector to complete the assessment at the end of the course.

What does the course involve?

The training course is split over two days, the first day will cover the fundamental principles of ventilation systems and a detailed overview of the different ventilation systems available and then the second day will involve a practical and assessment of a domestic ventilation system. Full details of what is included are shown below:

Part I

- Fundamental working principles of ventilation systems
- Minimum legal requirements
- The types of ventilation systems
- Passive Stack Ventilation - Passive stack ventilation PSV is the most effective natural ventilation strategy as it uses a combination of cross ventilation, buoyancy warm air rising and the venturi wind passing over the

- terminals causing suction effect.
- Intermittent Extractor Fans
- Continuous Mechanical Extract Systems
- Continuous Mechanical Extract Systems with Heat Recovery
- Why ventilation is important
- The varying techniques used for installation of the different systems
- The pitfalls associated with poor workmanship and misuse of ventilation systems
- Basic system design
- Preparation prior to installation

Part II

- Competent Person Scheme
- Commissioning of a mechanical ventilation heat recovery unit
- Inspection and testing
- Certification and documentation of a mechanical ventilation heat recovery unit
- Assessments

Registration form on the Training Course: Domestic Ventilation

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Payment Method

- Please find enclosed a cheque made payable to Global Horizon
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