

# Government funded Skills Bootcamp in Commercial Ventilation (MVHR) Systems



Scan QR Code to register.

## What are Skills bootcamps?

Skills bootcamps are substantially funded 8-day training programmes, which allow you to upskill at your convenience. Modules are split up over a 16-week period, so that candidates can fit them in around their work schedules.

- Sole Traders / Self-employed contractors are fully funded ie: 100%
- SMEs pay just £425.00 (no vat) per candidate (under 250 employees / less than £50 million turnover)
- Large employers pay £1,275.00 (no vat) per candidate (over 250 employees / over £50 million turnover)

This training programme has been developed in collaboration with the Chartered Institute of Plumbing and Heating Engineering, and a global manufacturer of Commercial Air Handling Units and Ventilation Systems.

The programme is intended to upskill existing engineers, from other disciplines, who are engaging in the activities of the ventilation systems in a non-residential /commercial sector, assisting them to meet compliance with Part F2 in relation to:

- Maintenance
- Servicing
- Fault diagnostic
- Repair

Adequate ventilation, and regular maintenance is legally mandated in the UK to ensure systems comply with regulations. Maintaining the system to ensure it is working effectively is a statutory requirement to provide adequate and healthy indoor air quality for occupants. This program will allow candidates to update their occupational competence

- continuous professional development (40 points).

It will explain commercial ventilation, heating and cooling systems and their importance towards a healthy building. The content covers the 'air' and 'wet' side of the systems and does not cover any work on the refrigerant aspects of chillers or heat pumps.

### DAY 1 BPEC accredited Safe Isolation of Electrical Installations.

- Introduction to safe isolation
- The dangers of electricity and why it is hazardous
- Relevant legislation, regulations, and standards
- Safe isolation procedures
- Appropriate devices for effective isolation
- Risks and consequences of failing to apply safe isolation techniques

### DAY 2 C&G accredited Level 2 Award in Health and Safety in the Workplace

- Employer Duties
- Employee Responsibilities
- Consequences of Failing in Health & Safety Duties
- Health & Safety Requirements in the Workplace
- Communication & Information Sharing

### DAY 3 C&G accredited Level 2 Award in Health and Safety in the Workplace

- Understanding Hazards & Risks
- The Risk Assessment Process
- Common Workplace Hazards & Controls
- Responding to Accidents & Incidents
- Recording, Reporting & Reviewing Safety Procedures

For more information speak to our technical team.

**01753793244**

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Slough and Langley College.  
Station Rd, Langley, SL3 8BY

#### DAY 4 Commercial MVHR Installation, Service and Maintenance

- Health and Safety Legislation in the Building Services Industry
- Hazardous Situations in the Building Services Industry
- Personal Protection Measures – PPE and Manual Handling
- Responding to Accidents

#### DAY 5 Commercial MVHR Installation, Service and Maintenance

- Thermal Comfort and Indoor Air Quality
- Ventilation System Design, Documentation and Commissioning
- HVAC Systems and Main Elements
- Airside Units, Fans and Control Methods
- Chillers and Refrigeration Cycles

#### DAY 6 Commercial MVHR Installation, Service and Maintenance

- UK Standards and Regulations for Catering Ventilation.
- Roles and Responsibilities of Competent Persons.
- Principles of Thermal Convection and Kitchen Canopies.
- Odour, Noise, Fume Control and Heat Recovery
- Ventilation Controls, Cleaning Regimes and LEV Systems.

#### DAY 7 Commercial MVHR Installation, Service and Maintenance

- Importance of Regular Maintenance and Best Practice
- Servicing and Maintenance of HVAC Equipment
- Maintenance Procedures for AHUs
- Service Records and Documentation
- Fault Diagnosis and Rectification

#### DAY 7 Commercial MVHR Installation, Service and Maintenance

- Revision
- Assessments



#### Jerry Whiteley

Jerry Whiteley is the Technical Manager at the Chartered Institute of Plumbing and Heating Engineering. He brings a wealth of knowledge and experience to our Commercial MVHR delivery team, having followed an expensive career in the Plumbing, Heating and Ventilation sector, including ten years as a deputy Head of Faculty for Construction, Utilities, and Infrastructure. A regulatory advisor, Jerry supports with raising standards, sharing good practise and compliance.



#### John McGregor

Technical Tutor specialised in Building Services Engineering with experience in Healthcare, Education and high-end residential projects, with particular focus on Ventilation, Underfloor Heating and Low Temperature Systems.

#### Programme Pre-requisite entry level requirements

Attendees of this course must already be working in the building services sector and hold at least an NVQ Level 2 in their chosen profession. Diplomas will be accepted, provided relevant experience in the sector can be evidenced.

Prior to enrolling in the course, the learner is expected to possess knowledge, skills, and understanding related to the building services engineering industry. These competencies should be demonstrated by meeting the stated requirements.

#### Testimonials

What previous participants have said about our Skills Bootcamp training:

##### Sureserve Compliance South LTD

Domestic Ventilation Installer - Great facilities and John was top, helped where needed and explained course from start to finish with ease. Highly recommend!

##### Norton AC LTD

Completed the ventilation bootcamp at the college. Our tutor John was great fun and very knowledgeable. Admin staff very helpful. Would recommend

#### Soler Palau

Domestic ventilation - amazing course with amazing people. Really friendly and informative staff. The course is great with plenty to learn. I look forward to working with everyone again. I would recommend that everyone does the same.

#### Who we work with



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