

Skills Bootcamp in Domestic Ventilation Systems



What are Skills bootcamps?

Skills Bootcamps are substantially funded, 60-hour training programs which enable Sole Traders and SME employees to up-skill in Level 2/3 accredited training.

This program is funded by The Department for Education as part of the government's Lifetime Skills Guarantee.

This program has been designed for candidates working within the domestic environment, who install, service and maintain ventilation systems.

You will learn how to accurately determine ventilation requirements for properties and gain the required skills in relation to design, installation, testing, commissioning, handover, servicing and fault-finding, in accordance with National Occupational Standards.

Upon completion of this 8-day training program you will have the knowledge and hands on experience to meet the requirements of manufacturers, for the installation of Domestic Mechanical Ventilation Systems that are currently available in the UK, and to comply with Part F of the Building Regulations in England and Wales.



DAY 1

Energy Efficiency

- Introduction to Part L
- Future Home Standards 2025
- Interactions with Part F and Part O
- Ventilation losses
- Heat loss
- Reduction of emissions
- Insulating and draught proofing

DAY 2

Energy Efficiency

- Low Temperature Heating Systems
- Radiator sizing for Low Temperature and Underfloor Heating systems
- Weather compensation controls
- Air Source Heat Pumps
- Cylinder calculations

DAY 3

Mould & Damp Awareness

- Understanding damp and mould in Domestic Dwellings and Social Housing
- Condensation and mould growth
- Health risks in relation to damp and mould
- Socio-economic impact on individuals and communities
- Remedies and treatment

For more information speak to our technical team.

www.greenskills.london
Greenskills@windsor-forest.ac.uk

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Station Rd, Langley, SL3 8BY

To register,
SCAN Code



DAY 4 Domestic Ventilation Systems

- Domestic Ventilation in context
- Health and Safety
- Indoor Air Quality
- Energy Efficiency in relation to existing buildings
- Ventilation strategies

DAY 5 Domestic Ventilation Systems

- Types of Ventilation systems
- Ductwork insulation in warm and cold spaces
- Ventilation regulations
- Open Flue appliances
- Air flow requirement calculations

DAY 6 Domestic Ventilation Systems

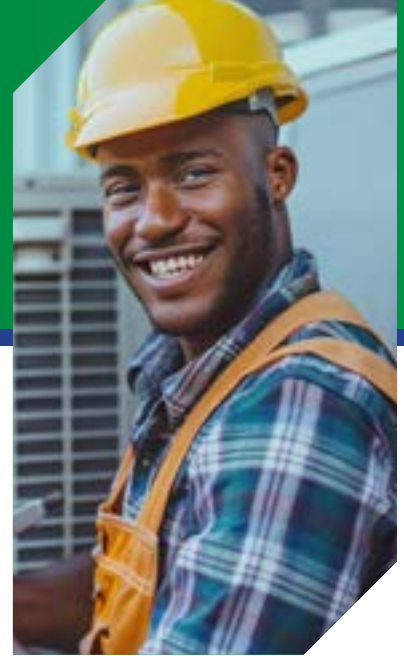
- PAS 2035 - existing domestic buildings
- Ventilation installation
- Testing and commissioning
- Provision of information
- Practical assessment
- Customer handover

DAY 7 Ventilation Design

- Calculating Domestic Ventilation requirements
- Intermittent Extract Ventilation (IEV)
- Mechanical Extract Ventilation (MEV)
- Mechanical Extract Ventilation with Heat Recovery (MVHR)
- Ductwork systems
- Flow rate and resistance calculations

DAY 8 Ventilation Design

- Ventilation design software



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.

Who we work with

Pearse
Electrical
Contracting



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Testimonials

What previous participants have said about our Skills Bootcamp training:

HG Construction

I did the domestic ventilation installation course with John! He is a fantastic teacher. I wasn't bored, he made the teaching interactive with the class and I highly recommend John and the course they offer. Also a very nice college.

Carbon Rewind

Great teach, John - did the domestic ventilation installer course and had a great time. Learnt loads and now ready to impact my circle of influence! Thank you

Projects 4 Renewables

I did the Domestic Ventilation Course. Was great, information and exams clear and informative. Great tutors

INCIC

Domestic Ventilation Installer Course, This subject has been close to my heart for very many years as a TrustMark Inspector for

INCIC, in domestic settings. Poor ventilation is very often evident and cheap noisy fans often seen. Now I know the cause!! A great course. Very informative with a good group of guys. The college is a great place too. 5mins from the station, so no driving and a good quality canteen too!