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Government funded

Skills Bootcamp in Domestic Energy Assessment and Retrofit Assessment



Haroon Hayat

Technical Tutor with over 10 years of teaching experience, working in the Construction and Retrofit industry, specializing in hands-on installations of Energy Efficiency Measures and compliance. Passionate about delivering industry specialist, dynamic learning.



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.

By joining this Green Skills Academy training programme, you'll gain qualifications for a growing and in-demand career that contributes to energy efficiency and net-zero targets.

Testimonials

What previous participants have said about our Skills Bootcamp training:

The course is wonderful and engaging, all staff are lovely and encouraging. The tutor Haroon is very knowledgeable and experienced.

Who we work with



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What are Skills bootcamps?

Skills bootcamps are government 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 £380.00 (no vat) per candidate (under 250 employees / less than £50 million turnover)**
- **Large employers pay £1,140.00 (no vat) per candidate (over 250 employees / over £50 million turnover)**

Our Retrofit Assessor Skills Bootcamp includes the following qualifications and prepares professionals to gather the necessary information for energy-efficient improvement projects.

1. ABBE accredited Level 3 Certificate in Domestic Energy Assessment.
2. ABBE accredited Level 3 Certificate for Retrofit Assessors.

During the first 6-days of training, you will learn how to collect property data, understand building structures, and use RdSAP software to assess existing domestic properties to produce Energy Performance Certificates (EPCs).

On days 7-8 you will learn how to assess buildings according to the PAS 2035 standards, which cover the principles of retrofit, assessing building condition, building structures and ventilation, occupancy assessments, and how to produce a condition report.

Programme day 1 - Domestic Energy Assessor

1. ABBE Level 3 Qualification and requirements
2. The EPC requirements and exemptions
3. RdSAP software and background
4. Property types and building regulations
5. Property ages and construction

Programme day 2 - Domestic Energy Assessor

1. Measurements and drawing floor plans
2. Conservatories
3. Flats and types of roofs, including loft conversions
4. Floors - suspended timber or solid, position within the building
5. Openings - windows and doors
6. Ventilation - Extract, DMEV or CMEV
7. Lighting - number of outlets and types of bulbs

Programme day 3 - Domestic Energy Assessor

1. Space heating - how is the property heated
2. Secondary heating - additional heating
3. Water heating - how is the water heated
4. New Technologies eg: Solar PV, Solar Thermal, Heat Pumps
5. Meters and recommendations
6. The EPC certificate explained
7. Class discussion and recap
8. Virtual EPC group exercise

Programme day 4 - Domestic Energy Assessor

1. Conduct EPCs on two live properties from different eras (1950's - 1990's)
2. Data collection eg: site notes, and floor plans
3. RdSAP software data entry



Programme day 5 - Domestic Energy Assessor

1. Conduct EPCs on a historical building (18th Century Alms House)
2. Data collection eg: site notes, and floor plans
3. RdSAP software data entry

Programme day 6 - Domestic Energy Assessor

1. Multiple choice knowledge test
2. Reviewing RdSAP data inputs for EPCs undertaken
3. Letter writing - communicating professionally with clients, booking appointments
4. Portfolio building and review

Programme day 7 - Retrofit Assessor

1. Introduction to Retrofit Assessment
2. The principal of PAS 2035, 2030, Trustmark and Data Warehouse
3. The PAS 2035 retrofit assessment process
4. Understanding building physiology

Programme day 8 - Retrofit Assessor

1. Retrofit Energy Efficiency advice
2. The process of conducting a Retrofit assessment
3. Final course assessment

For more information speak to our technical team.

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Scan QR Code
to register.

