



**Level 3 Award in Energy Efficiency
for Older and Traditional Buildings**

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WELCOME

The Retrofit Academy CIC is at the heart of delivering leading-edge training and professional development to a new generation of retrofit professionals in the UK.

Adopting a central role in the future of retrofit, we are driving PAS 2035 compliance by shaping retrofit best practice, training skilled retrofit professionals, sharing our technical expertise with industry peers, and advancing the sector through our membership.

To fulfill our vision of a world where every home is warm, healthy and low carbon, we need skilled operatives and managers in vast numbers. With over 27 million homes to treat by 2050, the volume of skilled professionals in both blue and white collar roles is simply not adequate to meet the demand and hence numbers must swell rapidly.

Approximately a quarter of buildings in the UK are built pre-1919, and most of these are of traditional construction. The traditional materials and methods of construction require identifying so that the treatment provided can be matched holistically to suit the property, preserve its history, and reduce the environmental impact of demolition.

This qualification will enable individuals with the knowledge and skills they need to work on older, traditional, and vulnerable buildings in line with the requirements set out in the PAS 2035 and PAS 2038, as well as qualifying to work on Government funded retrofit schemes.



David Pierpoint FRSA, MBA, MPhil

Chief Executive
The Retrofit Academy CIC

CAREER OPPORTUNITIES FOR LEARNERS WHO COMPLETE THE COURSE

Gaining the ABBE Level 3 Award in Energy Efficiency for Older and Traditional Buildings is designed to enable learners with knowledge and skills they need to:

- Recognise the age, nature, and characteristics of older and traditional Buildings, including the methods and materials used in their construction.
- Assess the options for the introduction of energy efficiency measures for older and traditional Buildings.
- Make recommendations and give advice for the introduction of energy efficiency measures that will work holistically in the property.

By completing this qualification, you will be able to enhance your retrofit knowledge and skills and open the door to new opportunities working with older and traditional buildings across the UK!

DO I NEED TO TAKE THIS COURSE TO WORK ON OLDER AND TRADITIONAL BUILDINGS?

Role	Mandatory	
Retrofit Assessor	Y	The Retrofit Assessor must undertake a condition survey which must include understanding of the construction, performance and treatment, suitability of work and of measures which are often different to modern buildings.
Retrofit Coordinator	Y	As the Retrofit Coordinator has overall responsibility for the project, it is essential for them to have an appropriate understanding of older and traditional Buildings.
Retrofit Designer	Y	The Retrofit Designer can gain the Level 3 qualification, instead of an accreditation / certification for unprotected traditional buildings. However, even if designers are members, it might also be beneficial to obtain this specific qualification.
Retrofit Evaluator	Y	As Retrofit Evaluators must also be qualified Retrofit Coordinators, they must also have the qualification to work on older and traditional Buildings.

The qualification is also a requirement under 'PAS 2038: 2021: Retrofitting non-domestic buildings for improved energy efficiency - Specification', for any project teams members involved in the retrofit assessment (Clause 5), improvement option evaluation (Clause 6), establishing intended outcomes (Clause 7), preparation of an improvement plan (Clause 8) or submitting or facilitating applications for statutory approvals (Clause 10), when the building has special protection or is of traditional construction. This is likely to mean the 'Retrofit Lead Professional' and the 'Retrofit Assessor'.



ABOUT THE COURSE

Successfully completing the course leads to receiving the ABBE Level 3 Award in Energy Efficiency for Older and Traditional Buildings qualifications.

It is a blended approach, which means the knowledge content is delivered through eLearning and a half day bootcamp, where there will be a specialist tutor on hand to answer any questions.

There's also a virtual assessment of a property, followed by the completion of a report based on a Retrofit Academy assessment report template. This is to help prepare you for the end assessment.

Supporting you in your retrofit career

The Level 3 Award in Energy Efficiency for Older and Traditional Buildings teaches you more than just the technical knowledge required for traditional buildings, but also includes content and resources designed to help support your career in retrofit.

Course Structure

The course is made up of three modules that cover all aspects old older and traditional buildings. Each module features extensive teaching materials and activities that are designed to give you an in-depth understanding both in theory and in practice.

Course Eligibility

- Must be 18+
- Must have access to a desktop/ laptop/ computer and have a stable Internet connection.

Course Modules

The modules are as follows:

Module 1 Age, Nature and Characteristics of Older and Traditional Buildings

This module teaches about the key characteristics of traditional buildings, giving learners the recognition and understanding of a properties age, heritage values and significance, construction methods and materials, condition and thermal performance, as well as the implication of each of these in the introduction of energy efficiency measures.

Module 2 Assessing Options for the Introduction of Energy Efficiency Measures into Older and Traditional Buildings

Following this, our next module covers how to assess and interpret the options for the introduction of energy efficiency measures, with reference to the characteristics of specific buildings, based on accurate identification and evaluation and insulation, ventilation and building performance factors. It also establishes the relevant investigative measures and evaluation of available information on the building and its thermal performance.

Module 3 Making Recommendation and Giving Advice on the Introduction of Energy Efficiency Measures to Older and Traditional Buildings

The final modules covers how to select the appropriate energy efficiency measures based on a full understanding of the buildings current thermal performance and structure. It also involved advising the installation of measures and how to maximise the thermal performance of the building.

Assessment Method

The course is assessed via an online examination and professional discussion at the end of the course.

Duration

There are 21 guided learning hours plus a final multiple-choice examination and case study to complete. You can expect to need 27 hours to completion of the course.

Certification

All learners, after having successfully passed the assessments, will be recommended for the ABBE Level 3 Award in Energy Efficiency for Older and Traditional Buildings qualification.

METHODS OF STUDY AND COURSE COSTS

When you sign up to the course you will gain access to our state-of-the-art eLearning platform where you can access the course materials, be allocated a skills coach to support you in your learning journey, and where your assessments are submitted. The eLearning modules are enhanced by our unique expert-led sessions which give you a crucial peer learning experience supported by our expert tutors.

Self-guided eLearning on our state-of-the-art eLearning platform



Our course features:



24/7 Access



Unlimited support from Skills coach



In-depth training modules



Expert led training



State of the art digital learning platform



Peer learning



Complete in your own time

MEET THE TUTORS



ALAN PITHER TECHNICAL DIRECTOR

Alan Pither has been professionally involved in energy efficiency assessment and advice since 1985. This includes the development of energy efficiency and climate change strategies as well as building surveys and recommendations for energy efficiency improvement measures. The latter covers all types of buildings with the majority being large domestic properties that are being refurbished and/or extended, usually off the mains gas grid, so advice on alternative heating options is also needed. In addition to training he offers a range of consultancy services to local authorities, housing associations and individual building owners.



CLIVE ROWLAND LEAD TUTOR

Clive has over 12 years' experience in the retrofit industry, including energy assessments of existing and new build dwellings, thermal imaging, air pressure testing, building forensics, post occupancy evaluation and building performance monitoring. He co-wrote and delivered the training for one of the modules for the PAS 2035 Retrofit Co-ordinator qualification and was part of the advisory panel for the Green Deal Advisor National Occupational Standards.





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