



Level 4 Award in

Understanding Heat Pumps for Residential Property

Qualification Specification

Qualification Recognition Number: 610/5172/X

ABBE Qualification Code: AwardUHPRPL424

December 2024

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1. ABBE

1.1 Introduction

ABBE, the Awarding Body for the Built Environment, is a forward-thinking organisation that offers a range of qualifications, benefits and support.

ABBE is regulated by Ofqual for the delivery of a range of qualifications. Our qualifications are nationally recognised helping learners to achieve their full potential and ambitions.

The full range of qualifications can be found on our website at www.abbqa.co.uk

1.2 Mission Statement

Our Values - Quality through Standards: Our aim is to provide a high-quality experience by building a strong community of mutual support and trust. We can use our collective talents to build meaningful partnerships to help us all to achieve our goals. ABBE is a recognised Awarding Organisation with strong professional integrity.

Our Vision: Is that every learner is confident, successful and has the opportunity to achieve their full potential.

Our Mission: ABBE Educates, inspires and empowers learners

1.3 Qualification Specification

The aim of this specification is to provide learners and centres with information about the content of this qualification. This specification is a live document and, as such, will be updated when required.

1.4 Enquiries

Any enquiries relating to this qualification should be addressed to:

ABBE
Birmingham City University
University House
15 Bartholomew Row
Birmingham
B5 5JU

Tel: 0121 331 5174

Email: abbeenquiries@bcu.ac.uk

Website: www.abbqa.co.uk



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2. Qualification Information

2.1 Qualification Purpose

Successful achievement of this qualification gives the learner an introduction, knowledge and understanding relating to heat pumps for residential properties. Learners should be able to understand some key components; how they function, as well as any hazards or risks linked to heat pumps for residential properties. Learners will gain an understanding of some of the political and environmental reasons for installing heat pumps. This means learners can provide an explanation of heat pumps' role in the transition to secure and sustainable heating.

Learners wishing to complete this qualification to may have some experience within the residential housing industry.

2.2 Who could take this Qualification?

The ABBE Level 4 Award in Understanding Heat Pumps for Residential Property is aimed at those seeking to update their knowledge and understanding within residential building industry.

2.3 Qualification Number

ABBE Level 4 Award in Understanding Heat Pumps for Residential Property: 610/5172/X

2.4 Qualification Level

This qualification has been listed on the Regulated Qualifications Framework (RQF) at: Level 4

2.5 Total Qualification Time

This qualification is allocated Total Qualification Time (TQT) this includes Guided Learning (GL) expressed in hours, which indicates the number of hours of supervised or directed study time and assessment. Credit has also been allocated to this qualification.

- The Total Qualification Time (TQT) for this qualification is: 30 hours
- Guided Learning (GL) for this qualification is: 20 hours
- Credit Value: 3 credits

2.6 Age ranges

Pre 16	No
16-18	No
18+	Yes
19+	Yes

2.7 Structure of the Qualification

To achieve this qualification, learners must achieve **one** mandatory unit.

Mandatory Units				
Unit No.	URN	Unit Name	Credit Value	Level
1	T/651/4398	Understanding Heat Pumps for Residential Property	4	3

2.8 Grading

This qualification is: Pass/Fail.



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3. Qualification Unit(s)

Unit 1 – Understanding Heat Pumps for Residential Property

Unit reference Number: T/651/4398

Level: 4

Credit: 3

GLH: 20

Learning outcomes:

1. Understand the reasons why the climate crisis is considered so important
2. Understand the complex issues around energy security
3. Understand how fossil fuels contribute to climate change and how renewable energy sources may help mitigate the problems
4. Understand how heat pumps work, how they can contribute to secure and sustainable heating and can help reduce carbon emissions
5. Understand the key components of a domestic air source heat pump system and why it is important to design all the components of a heat pump system correctly
6. Understand the legal requirements and regulations in place for heat pump systems



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Head Office Address:

ABBE
Birmingham City University
University House
15 Bartholomew Row
Birmingham
B5 5JU

Contact:

Telephone: 0121 331 5174
Email: abbeenquiries@bcu.ac.uk
Website: www.abbeqa.co.uk



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