



Qualification Specification

ProQual Level 1 Award in Carbon Awareness and Energy Management

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This qualification is part of ProQual's broad offer of qualifications in the Construction, Planning and Built Environment Sector.

To find out more about other qualifications in this, or any other sector, or for our latest fees; check our Fees Schedule via the QR code below:



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Contents

Contents.....	2
Introduction.....	3
Qualification Profile	4
Learner Profile	5
Qualification Structure	6
Centre Requirements	7
Certification	8
Assessment Requirements.....	9
Enquiries, Appeals and Adjustments.....	10
Units – Learning Outcomes and Assessment Criteria.....	11
Carbon Awareness and Energy Management.....	11
Appendix One – Command Verb Definitions	14

Introduction

The ProQual Level 1 Award in Carbon Awareness and Energy Management qualification provides a nationally recognised qualification for those currently working in, or who want to work in the Construction, Planning and Built Environment sector.

The aims of this qualification are:

- To raise awareness and change behaviour to improve energy efficiency, help lower carbon emissions and reduce costs.
- To gain awareness of the impact of energy consumption and global warming.

The awarding body for this qualification is ProQual AB. This qualification has been approved for delivery in England. The regulatory body for this qualification is Ofqual, and this qualification has been accredited onto the Regulated Qualification Framework (RQF) and has been published in Ofqual's Register of Qualifications.

Qualification Profile

Qualification Title:	ProQual Level 1 Award in Carbon Awareness and Energy Management
Qualification Number:	610/7139/0
Level:	1
Total Qualification Time (TQT):	17 Hours 2 Credits
Guided Learning Hours (GLH):	12 Hours
Assessment:	Pass/Fail
	Internally assessed and verified by centre staff
	Externally quality assured by ProQual Verifiers
Qualification Start Date:	02/03/2026
Qualification Review Date:	02/03/2029

Learner Profile

There are no formal academic entry requirements for this qualification. Centres should carry out their own assessment to establish candidate's existing knowledge and skills in order to develop the assessment plan.

Candidates must be at least 16 years old on the day that they are registered for this qualification, centres are reminded that no assessment activity may take place before a candidate has been registered.

Qualification Structure

This qualification consists of **1 mandatory unit**. Candidates must complete all mandatory units to complete this qualification.

Unit Number	Unit Title	Level	TQT	GLH
Mandatory Units – Candidates must complete all units in this group.				
M/651/9760	Carbon Awareness and Energy Management	1	17	12

Centre Requirements

Centres must be approved to deliver this qualification. If your centre is not approved to deliver this qualification, please complete and submit the **ProQual Additional Qualification Approval Form**.

Materials produced by centres to support candidates should:

- Enable them to track their achievements as they progress through the learning outcomes and assessment criteria.
- Provide information on where ProQual's policies and procedures can be viewed.
- Provide a means of enabling Internal and External Quality Assurance staff to authenticate evidence.

Centres must have the appropriate equipment to enable candidates to carry out the practical requirements of this qualification.

Certification

Candidates who achieve the requirements for this qualification will be awarded:

- A certificate listing all units achieved, and
- A certificate giving the full qualification title:

ProQual Level 1 Award in Carbon Awareness and Energy Management

Claiming certificates

Centres may claim certificates for candidates who have been registered with ProQual and who have successfully achieved the qualification. All certificates will be issued to the centre for successful candidates.

Unit certificates

If a candidate does not achieve all of the units required for a qualification, the centre may claim a unit certificate for the candidate which will list all of the units achieved.

Replacement certificates

If a replacement certificate is required a request must be made to ProQual in writing. Replacement certificates are labelled as such and are only provided when the claim has been authenticated. Refer to the Fee Schedule for details of charges for replacement.

Assessment Requirements

Each candidate is required to produce a portfolio of evidence which demonstrates their achievement of all learning outcomes and assessment criteria for each unit.

Evidence can include:

- Observation report by assessor.
- Assignments/projects/reports.
- Professional discussion.
- Witness testimony.
- Candidate product.
- Worksheets.
- Record of oral and written questioning.
- Recognition of Prior Learning.

Candidates must demonstrate the level of competence described in the units. Assessment is the process of measuring a candidate's skill, knowledge and understanding against the standards set in the qualification.

Centre staff assessing this qualification must be **occupationally competent** and qualified to make assessment decisions. Assessors who are suitably qualified may hold a qualification such as, but not limited to:

- ProQual Level 3 Certificate in Teaching, Training and Assessment.
- ProQual Level 3 Award in Education and Training.
- ProQual Level 3 Award in Assessing Competence in the Work Environment.
(Suitable for assessment taking place in a working environment only.)
- ProQual Level 3 Award in Assessing Vocational Achievement.
(Suitable for assessment taking place in a simulated training environment only.)

Candidate portfolios must be internally verified by centre staff who are **occupationally knowledgeable** and qualified to make quality assurance decisions. Internal verifiers who are suitably qualified may hold a qualification such as:

- ProQual Level 4 Award in the Internal QA of Assessment Processes and Practice.
- ProQual Level 4 Certificate in Leading the Internal QA of Assessment Processes and Practice.

Occupationally competent means capable of carrying out the full requirements contained within a unit. **Occupationally knowledgeable** means possessing relevant knowledge and understanding.

Enquiries, Appeals and Adjustments

Adjustments to standard assessment arrangements are made on the individual needs of candidates. ProQual's Reasonable Adjustments Policy and Special Consideration Policy sets out the steps to follow when implementing reasonable adjustments and special considerations and the service that ProQual provides for some of these arrangements.

Centres should contact ProQual for further information or queries about the contents of the policy.

All enquiries relating to assessment or other decisions should be dealt with by centres, with reference to ProQual's Enquiries and Appeals Procedures.

Units – Learning Outcomes and Assessment Criteria

Title:		Carbon Awareness and Energy Management		Level:	1	
Unit Number:		M/651/9760	TQT:	17	GLH:	12
Learning Outcomes <i>The learner will be able to:</i>		Assessment Criteria <i>The learner can:</i>				
1	Understand what is meant by Energy and Carbon Emissions.	1.1	State what is meant by the term energy.			
		1.2	State what is meant by the term carbon emissions.			
2	Understand basic environmental sustainability terms.	2.1	State what is meant by the term carbon footprint.			
		2.2	State what is meant by the term net zero.			
		2.3	State what is meant by the term carbon offsetting.			
3	Understand the impact of global warming on the environment.	3.1	State what is meant by the term global warming.			
		3.2	Identify main contributors to global warming.			
		3.3	Identify impacts of global warming.			
		3.4	Identify everyday actions that can reduce global warming.			
4	Understand the importance of energy consumption monitoring.	4.1	Identify different sources of energy.			
		4.2	Identify how carbon emissions occur in the consumption of energy.			
		4.3	State how energy consumption is measured.			

4	<i>Continued</i>	4.4	State how energy consumption impacts on: a) Cost. b) The environment. c) Carbon emissions. d) Security.
		4.5	State how the level of carbon emissions can vary depending on how and when energy is used.
5	Understand the link between energy consumption and usage of equipment.	5.1	State how energy consumption varies depending on the different types of equipment used.
		5.2	State how energy consumption changes depending on how equipment is used.
		5.3	State how energy saving devices can be used to reduce energy consumption.
6	Understand the purpose and role of energy reporting.	6.1	State what is meant by energy reporting and why it is important.
		6.2	Identify what SECR and ESOS are in relation to energy reporting.
		6.3	Identify the methods that organisations use to report energy consumption.
		6.4	Identify how energy reporting can contribute to reducing energy consumption.
7	Understand how to save energy and reduce carbon emissions.	7.1	Identify how an individual's behaviour impacts on energy use and carbon emissions.
		7.2	Identify what action can be taken to reduce energy consumption.

Additional Assessment Information

This unit is **knowledge based**. This means that evidence is expected to take the form of candidate's written work and/or records of appropriate professional discussions. Evidence may also be presented through simple visual formats such as diagrams, flow charts, tables, or other clear visual representations that demonstrate understanding of the required knowledge.

Appendix One – Command Verb Definitions

The table below explains what is expected from each **command verb** used in an assessment objective. Not all verbs are used in this specification

Apply	Use existing knowledge or skills in a new or different context.
Analyse	Break a larger subject into smaller parts, examine them in detail and show how these parts are related to each other. This may be supported by reference to current research or theories.
Classify	Organise information according to specific criteria.
Compare	Examine subjects in detail, giving the similarities and differences.
Critically Compare	As with compare but extended to include pros and cons of the subject. There may or may not be a conclusion or recommendation as appropriate.
Describe	Provide detailed, factual information about a subject.
Discuss	Give a detailed account of a subject, including a range of contrasting views and opinions.
Explain	As with describe but extended to include causation and reasoning.
Identify	Select or ascertain appropriate information and details from a broader range of information or data.
Interpret	Use information or data to clarify or explain something.
Produce	Make or create something.
State	Give short, factual information about something.
Specify	State a fact or requirement clearly and in precise detail.



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