



Level 2 Award in Understanding Carbon Awareness and Energy Management

Qualification Specification

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Introduction

The **Level 2 Award in Understanding Carbon Awareness and Energy Management** qualification aims to raise awareness and change behaviour to improve energy efficiency, help lower carbon emissions and reduce costs. Candidates will gain the knowledge required to understand their accountability in changing energy consumption behaviour.

The awarding organisation for this qualification is ProQual Awarding Body and the regulatory body is the Office of Qualifications and Examinations Regulation (Ofqual). The specification for the qualification has been approved by the Welsh Government for use by centres in Wales and by the Council for the Curriculum Examinations and Assessment (CCEA) for use by centres in Northern Ireland.

This qualification has been accredited onto the Regulated Qualifications Framework (RQF).

Qualification Profile

Qualification title	ProQual Level 2 Award in Understanding Carbon Awareness and Energy Management
Ofqual qualification number	601/2505/6
Level	Level 2
Total qualification hours	15
Guided learning hours	10
Assessment	Pass or fail Internally assessed and verified by centre staff External quality assurance by ProQual verifiers
Qualification start date	1/2/14
Qualification end date	

Entry Requirements

There are no formal entry requirements for this qualification.

Centres should carry out an **initial assessment** of candidate skills and knowledge to identify any gaps and help plan the assessment.

Qualification Structure

Candidates must complete the Mandatory unit.

Mandatory			
Unit Reference Number	Unit Title	Unit Level	GLH
K/505/9451	L2 Energy Management	1	10

Centre Requirements

Centres must be approved to offer this qualification. If your centre is not approved please complete and submit form **ProQual Additional Qualification Approval Application**.

Staff

Staff delivering this qualification must be appropriately qualified and occupationally competent.

Assessors/Internal Quality Assurance

For each competence-based unit centres must be able to provide at least one assessor and one internal verifier who are suitably qualified for the specific occupational area. Assessors and internal verifiers for competence-based units or qualifications will normally need to hold appropriate assessor or verifier qualifications, such as:

- Award in Assessing Competence in the Work Environment
- Award in Assessing Vocationally Related Achievement
- Certificate in Assessing Vocational Achievement
- Award in the Internal Quality Assurance of Assessment Processes and Practices
- Certificate in Leading the Internal Quality Assurance of Assessment Processes and Practices

Support for Candidates

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

Assessment

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

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

Evidence can include:

- assignments/projects/reports
- worksheets
- portfolio of evidence
- record of oral and/or written questioning
- candidate test papers

Learning outcomes set out what a candidate is expected to know, understand or be able to do.

Assessment criteria specify the standard a candidate must meet to show the learning outcome has been achieved.

Learning outcomes and assessment criteria for this qualification can be found from page 7 onwards.

Internal Quality Assurance

An internal quality assurance verifier confirms that assessment decisions made in centres are made by competent and qualified assessors, that they are the result of sound and fair assessment practice and that they are recorded accurately and appropriately.

Adjustments to Assessment

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.

Results Enquiries and Appeals

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

Certification

Candidates who achieve the requirements for qualifications will be awarded:

- A certificate listing the unit achieved, and
- A certificate giving the full qualification title -

ProQual Level 2 Award in Understanding 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 requirements for a qualification. All certificates will be issued to the centre for successful candidates.

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 certificates.

Learning Outcomes and Assessment Criteria

Unit K/505/9451 L2 Energy Management

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand the drivers for organisations to reduce carbon emissions	1.1 Identify the drivers which motivate an organisation to reduce carbon emissions 1.2 Identify the basic principles of how governments use legislation in relation to energy use and carbon emissions 1.3 Describe the actions that organisations can take to meet current legislation requirements 1.4 Describe the impact on organisations of not adhering to current legislation requirements
2 Understand the relationship between the work environment and energy consumption	2.1 Outline the relationship between energy usage and patterns of energy consumption 2.2 Describe the typical energy inefficiencies in working environments 2.3 Outline how these inefficiencies relate to energy consumption 2.4 Outline how Key Performance Indicator targets are used by organisations in relation to energy consumption
3 Understand how changes in behaviour can reduce energy consumption in the work environment	3.1 Describe what action can be taken to reduce energy consumption in the work environment 3.2 Identify who is responsible for addressing the issues of carbon emissions in their workplace 3.3 Outline the level of accountability each individual has in relation to affecting behaviour change in the work environment 3.4 Describe how group behaviour can impact on energy consumption in the workplace 3.5 Describe the consequences of not changing behaviour to reduce energy consumption
4 Understand the potential obstacles to reducing energy consumption in the work environment and how these can be overcome	4.1 Outline the obstacles that may exist in relation to reducing energy consumption in the work environment 4.2 Describe what action can be taken to overcome obstacles to reducing energy consumption 4.3 Outline the processes in place to overcome obstacles to reducing energy consumption 4.4 Outline how investments in reducing energy consumption can be justified



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