



## Purpose of qualification

This qualification focuses on practical skills and knowledge. This ensures that when the learner completes the qualification they will have gained practical experience and some expectation of some of the situations that they could face in a job role within the gas sector. It covers the fundamental knowledge and understanding of a broad range of gas competencies. The Diploma in Gas Utilisation does not require occupational evidence.

### What does this qualification cover?

The knowledge and understanding required by someone aspiring to work in the gas industry. The qualification covers a wide range of subjects including electrical systems within BSE, pipework fabrication techniques, core gas safety principles and domestic central heating systems, the structure is listed on page 3.

### Who is this qualification for?

This qualification is predominantly for learners who may have a limited prior knowledge and understanding of the gas sector but have the ability to achieve a fundamental level gas utilisation qualification. The qualification may also be suitable for learners who are thinking about gas utilisation as a career but who would like some experience of the job role first and/or are considering a career change.

It is suitable for learners aged:

- 16-18
- 19+

### Who supports this qualification?

This qualification is:

- Accredited by Ofqual at level 2

## What could this qualification lead to?

### Typical job roles include:

Gas Installation Engineer  
Gas Maintenance Engineer  
Gas Installation and Maintenance Engineer

This qualification relates to:

- EAL Level 3 Diplomas in Gas Utilisation
- EAL Level 2 NVQ Diploma in Plumbing and Heating
- EAL Level 2 NVQ Diploma in Heating
- EAL Level 3 NVQ Diploma in Plumbing and Heating
- EAL Level 3 NVQ Diploma in Heating

## Entry requirements

Learners must be at least 16 years old. There are no formal entry requirements for this qualification. However, learners must have the potential to achieve all aspects of the qualification. In particular, learners should be able to demonstrate that they have the minimum levels of literacy and numeracy required to comply with the health and safety aspects of the scheme, the completion of the learning outcomes, and the assessments.

## How is the qualification achieved?

This qualification will be achieved when the learner has successfully completed:

- The EIGHT mandatory units, including any related Centre marked assignments/practical tests and externally marked exams.

## What will be assessed?

This qualification is made up of units to which appropriate assessment methods have been applied. The units contain the learning outcomes and the assessment criteria that the learner is to be assessed against.

All learning outcomes within the qualification will be assessed. In order to meet this requirement, it is advised that centres should maintain an assessment and feedback record for each learner. This will detail the evidence evaluated against the learning outcome and the feedback given to the learner. All learner evidence must be available to the EAL External Verifier.

## How will it be assessed?

Where appropriate, learners will be assessed in naturally occurring planned activities carrying out their work tasks. Assessment against the learning outcomes of the qualification may be through practical observation and oral questioning. Performance evidence may be provided by the employer in partnership with the approved centre staff where established performance management processes are used by the employer to monitor staff performance.

The internal assessments will be a combination of on-screen exams, written and short answers and simulated practical assessments

The internal assessments are set by EAL and the on-screen exam is marked by EAL and all other internal assessments are marked by members of the delivery team at the Centre.

Where the assessment takes the form of written/short answer or multiple choice question papers, these must be treated as controlled assessments.

## Structure

This qualification will be obtained by the learner once they have successfully completed all the **mandatory units** listed below.

Achievement of the qualification will require at least 453 Guided Learning Hours (GLH) and has 520 hours Total Qualification Time.

### Mandatory units:

Unit	Unit title	Credit value	GLH	Ofqual Code
QTMES2/01	Understand health and safety in building services environment	6	55	T/504/2989
QBSE2/02	Understand how to communicate with others within building services engineering	3	28	J/602/2482
QTGU2/03	Understand scientific principles within gas utilisation	5	40	R/504/7813
QTGU2/04	Understand and apply pipework fabrication processes and techniques used within gas utilisation	6	50	L/504/7812
QBSE2/03	Understand how to apply environmental protection measures within BSE	4	38	D/602/2486
QTGU2/01	Understand core gas safety principles within gas utilisation	13	120	H/504/8125
QDMES2/04	Understand and apply domestic central heating system installation and maintenance techniques	10	82	Y/602/2888
QTMES2/10	Understand electrical systems within building services engineering	5	40	F/504/3000