



Level 3 NVQ Certificate in Building Services Engineering Technology and Project Management (QCF)



Qualification Specification

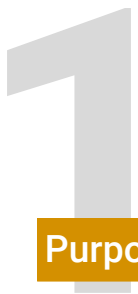
Overview

This qualification is a National Vocational qualification (NVQ). It involves the skills and knowledge needed to do the job, ability to organise work and identify and prevent problems. NVQs are based on national occupational standards, which the learner must meet to be competent in a particular task.

Typical Job

Design Engineer, Estimator, Site/Workshop Manager, Facilities Maintenance Manager, and Supervisor or Project/Contract Manager.

Qualification code:	600/4309/X
Level:	3
Total qualification time:	TBC
Guided learning hours:	190 (min) 222 (max)
Credits	34
Minimum learning age:	16



Purpose of the qualification

What does this qualification cover?

The qualification has mandatory units covering health and safety and building services engineering projects. It then has further units covering design principles, estimating and tendering; monitoring commissioning and testing, contract conditions; providing technical and functional information; and planning

Who is this qualification for?

- Individuals who are occupied in their specific job role but have additional responsibility for aspects of building services engineering in the workplace. Their job roles could be: Design Engineer, Estimator, Site/Workshop Manager, Facilities Maintenance Manager; and Supervisor or Project/Contract Manager.
- It is also for learners undertaking the relevant Summit Skills apprenticeship framework.

What could this qualification lead to?

A career in the building services engineering sector, and further study.

Entry Requirements

Learners must have the potential to achieve the assessment criteria set out in the units.

How is the qualification achieved?

When the learner has completed the assessments of the relevant units via evidence of competent occupational performance.

What will be assessed?

All evidence submitted by the learner against the assessment criteria. This involves the learner's knowledge and occupational performance.

How will it be assessed?

The assessment of the qualification units is via locally assessed knowledge based professional discussion and naturally occurring performance evidence from the real working environment.

Structure

Learners must obtain 17 credits from mandatory group plus a minimum of 17 credits by choosing 3 pairs of units from the 6 optional pairs.

Mandatory Units: *Must be completed:*

EAL Code	Unit Title	Level	Credit	GLH	Ofqual Code
QBPMK3/01	Understand how to monitor and implement health and safety during building services engineering projects	3	4	32	A/503/0861
QBMP3/01	Monitor and implement health and safety during building services engineering projects	3	4	12	T/503/0812
QBPMK3/02	Understand how to monitor and implement building services engineering projects in the work location	3	5	38	H/503/0823
QBMP3/02	Monitor and implement building services engineering projects in the work location	3	4	12	F/503/0814

Optional Units: Learners must choose ANY THREE of the six pairs

Pair 1

EAL Code	Unit Title	Level	Credit	GLH	Ofqual Code
QBPMK3/03	Understand how to apply design principles to building services engineering projects	3	4	34	M/503/0825
QBMP3/03	Apply design principles to building services engineering projects	3	4	12	J/503/0815

Pair 2

EAL Code	Unit Title	Level	Credit	GLH	Ofqual Code
QBPMK3/04	Understand how to contribute to estimating and tendering processes for building services engineering projects	3	4	34	T/503/0826
QBMP3/04	Contribute to estimating and tendering processes for building services engineering projects	3	3	8	L/503/0816

Continued

**Pair 3**

EAL Code	Unit Title	Level	Credit	GLH	Ofqual Code
QBPMK3/05	Understand how to monitor commissioning and testing for building services engineering projects	3	4	32	F/503/0828
QBPMK3/05	Monitor commissioning and testing procedures for building services engineering projects	3	3	8	Y/503/0818

Pair 4

EAL Code	Unit Title	Level	Credit	GLH	Ofqual Code
QBPMK3/06	Understand how to apply contract conditions for building services engineering projects	3	3	26	H/503/0854
QBPMK3/06	Apply contract conditions for building services engineering projects	3	3	8	D/503/0819

Pair 5

EAL Code	Unit Title	Level	Credit	GLH	Ofqual Code
QBPMK3/07	Understand how to provide technical and functional information to relevant people	3	2	16	K/503/0855
QBPMK3/07	Provide technical and functional information to relevant people	3	2	6	R/503/0820

Pair 6

EAL Code	Unit Title	Level	Credit	GLH	Ofqual Code
QBPMK3/08	Understand how to contribute to planning work methods, resources and systems to meet building services engineering project work requirements	3	4	34	M/503/0856
QBPMK3/08	Contribute to planning work methods, resources and systems to meet building services engineering project work requirements	3	3	8	Y/503/0821

