

BPEC - Purpose Statement

Title of the Qualification	BPEC Level 3 Diploma in Plumbing and Domestic Heating
Qualification Number (QN)	603/4526/3
Overview	<p>This qualification provides learners with the underpinning knowledge and practical skills required to enable them to pursue a career within the building services sector as a Plumber, Plumber and Domestic Heating Engineer or Plumbing and Domestic Heating Installer. It also provides the learners with experience of some of the situations they may encounter working as a plumber/heating engineer within the building services industry.</p>
Who is this qualification for?	<p>This qualification is specifically aimed at those learners wishing to pursue a career as plumbers/domestic heating engineers within the Building Services Engineering industry. The qualification may also be accessed by those learners who may be seeking or are considering a career change. The qualification has been designed as a competence component within the Apprenticeship standard.</p> <p>It is suitable for learners:</p> <ul style="list-style-type: none"> • Aged 16 to 19 • Aged 19+ <p>There are no formal entry requirements for this qualification, but the learner must have the potential to achieve in ALL aspects of the qualification. They must demonstrate that they have the minimum levels of numeracy and literacy required to be able to understand and achieve:</p> <ul style="list-style-type: none"> • The health and safety aspects • The completion of the Awarding Organisation practical and underpinning knowledge assessments • The chosen pathway
What does this qualification cover?	<p>This Level 3 qualification has THIRTEEN mandatory core units and FOUR optional pathways. The learner MUST complete ALL mandatory units and ONE pathway option. This will provide the learner with the required competencies to work within the plumbing industry at Level 3 status. Key topics include:</p> <ul style="list-style-type: none"> • Health and safety • Scientific principles • Common processes and techniques • Planning and supervision • Cold water systems

	<ul style="list-style-type: none"> • Hot water systems • Central heating systems • Sanitation systems • Rainwater systems • Electrical Work and the Control of Plumbing and Domestic Heating Systems <p>The optional pathways that the learner may choose are Natural Gas, Oil, Solid fuel/ Biomass or Environmental technologies.</p>
<p>What could this qualification lead to?</p>	<p>Typical job roles for learners completing this qualification are:</p> <ul style="list-style-type: none"> • Plumber, • Plumber and Domestic Heating Engineer or • Plumbing and Domestic Heating Installer
<p>Will the qualification lead to employment?</p>	<p>As an apprenticeship this qualification is directly aimed at employed Learners.</p> <p>This qualification may lead to employment as a Plumber or Plumbing and Heating Engineer within the Building Services Engineering sector.</p>
<p>Will the qualification lead to further learning?</p>	<p>Progression may be possible in the form of:</p> <ul style="list-style-type: none"> • Level 4/5 HNC/D in Building Services Engineering (mechanical) • Level 5 Foundation degree in Building Services Engineering <p>The Qualification will entitle the learner to apply for Engineering Technician (Eng. Tech) status with the Chartered Institute of Plumbing and Heating Engineering (CIPHE).</p> <p>This qualification includes a gas pathway. Completion of this qualification allows the Learner to apply for membership of an approved 'class of person' (Gas Safe Registration). This would allow a Learner to extend their skill levels and scope of competence into other categories of gas installation.</p> <p>The qualification also includes an Environmental pathway. Completion of this qualification allows Learners to apply for Microgeneration Certification Scheme (MCS) registration and extend their scope into other areas of environmental technologies.</p>
<p>Who supports this qualification?</p>	<p>This Qualification is supported by industry and regulated by OFQUAL. Letters of support are available to read via the BPEC website:</p> <p>https://bpec.org.uk</p>