

BPEC Purpose Statement

Title of the Qualification	BPEC Level 3 Diploma Gas Engineering
BPEC Internal code	DGE-002
Qualification Number (QN)	610/7690/9
Overview	Learners will develop transferable skills, knowledge and disciplines in the gas utilisation industry. The qualification will demonstrate a commitment to working in the gas industry, giving those that hold the qualification a formal industry recognised qualification in Domestic Gas Engineering. The achievement of this qualification will enable learners to apply for inclusion on the Gas Safe® Register and will support access to the gateway for end-point assessment as part of the Gas Engineering Apprenticeship.
Who is this qualification for?	This qualification is specifically aimed at those learners wishing to pursue a career as gas engineers within the Building Services Engineering sector. 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. It is suitable for learners: - Aged 16 to 19 - Aged 19+ 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: - The health and safety aspects - The completion of the Awarding Organisation practical and underpinning knowledge assessments - All elements of this qualification - The End Point Assessment
What does this qualification cover?	This Level 3 qualification has ELEVEN (11) mandatory core units and TWO (2) optional units. The learner MUST complete ALL mandatory units of this qualification. This will provide the learner with the required competencies to work within the gas industry. Key topics include: - Health and safety - Scientific principles - Combustion and properties of gas (natural gas and LPG) - Building services and structures

	• Gas Safety • Specific core gas safety • Tightness test, purge, commission gas pipework up to 35mm • Install, commission and de-commission gas pipework up to 35mm • Install and maintain domestic gas water heaters and wet central heating appliances • Install and maintain domestic gas cookers • Install and maintain domestic gas space heating appliances The above are the mandatory units for this qualification, which includes a variety of different gas appliance types to match the learners' work specialities.
What could this qualification lead to?	Typical job roles for learners completing this qualification are: • Gas Engineer • Gas Installer • Gas Fitter
Will the qualification lead to employment?	As an apprenticeship this qualification is directly aimed at employed Learners. This qualification may lead to employment as a Gas Engineer within the Building Services Engineering sector.
Will the qualification lead to further learning?	Progression may be possible in the form of: • Level 4/5 HNC/D in Building Services Engineering (mechanical) • Level 5 Foundation degree in Building Services Engineering The Qualification will entitle the learner to apply for Engineering Technician (Eng. Tech) status with the Chartered Institute of Plumbing and Heating Engineering (CIPHE). 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.
Who supports this qualification?	This Qualification is supported by industry and regulated by OFQUAL. Letters of support are available to read via the BPEC website: https://bpec.org.uk