

BPEC - Purpose Statement

Title of the Qualification	BPEC NVQ Level 3 Diploma in Domestic Plumbing and Heating (Gas Fired Water and Central Heating Appliances) (QCF)
Qualification Number (QN)	600/6284/8
Overview	<p>The BPEC Level 3 NVQ Diploma in Domestic Plumbing and Heating (QCF) requires the completion of knowledge and practical assessments and the assessment of performance in the work place.</p> <p>Other versions of this qualification are available and are listed later.</p>
-Who is this qualification for	<p>This qualification is for Learners aged 16 years or older who are employed in the plumbing and heating industry. It may be completed as a standalone qualification or as part of an apprenticeship framework.</p> <p>Learners must have achieved one of the following qualification prior to completion:</p> <ul style="list-style-type: none"> ➤ BPEC 600/5270/3 - Level 2 NVQ Diploma in Plumbing and Heating ➤ BPEC 600/5271/5 - Level 2 NVQ Diploma in Domestic Heating <p>The qualification is for someone who is seeking to become a Plumber or Plumbing and Heating Engineer in the Building Services Engineering sector.</p> <p>The Learner must have access to work to complete this qualification.</p>
-What does this qualification Cover	<p>This qualification requires the learner to complete 13 mandatory units and includes the assessment of both practical skills and knowledge. Learners are also required to produce a portfolio of evidence from the work place which includes assessment of their performance in the work environment.</p> <p>These mandatory units include:</p> <ul style="list-style-type: none"> ➤ Understand how to organise resources within BSE ➤ Understand and apply domestic cold water system installation, commissioning, service and maintenance techniques ➤ Understand and apply domestic hot water system installation, commissioning, service and maintenance techniques ➤ Understand and apply domestic central heating system installation, commissioning, service and maintenance techniques ➤ Understand and carry out electrical work on domestic plumbing and heating systems and components ➤ Understand and apply domestic sanitation system installation, commissioning, service and maintenance techniques ➤ Install, commission, service and maintain domestic plumbing and heating systems ➤ Understand core gas safety principles for natural gas within domestic building services engineering

	<ul style="list-style-type: none"> ➤ Specific Core Installation and Maintenance ➤ Install, commission and de-commission gas pipework up to 35mm 1¼ diameter in domestic and small commercial premises ➤ Tightness test, purge, commission and de-commission gas pipework up to 35mm 1¼ diameter in small natural gas installations. ➤ Install domestic gas water heaters and wet central heating appliances ➤ Maintain gas water heating and wet central heating appliances
What Could This Qualification Lead to	
-Will the qualification lead to employment	This qualification may lead to employment as a Plumber or Plumbing and Heating Engineer within the Building Services Engineering sector.
-Will the qualification lead to further learning	<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).</p> <p>Another version of this qualification also includes a gas pathway but excludes sanitation. This is:</p> <ul style="list-style-type: none"> ➤ BPEC 600/6286/1 - Level 3 NVQ Diploma in Domestic Heating (Gas Water Heating and Wet Central Heating Appliances) <p>Further versions exclude gas but include environmental pathways. These are:</p> <ul style="list-style-type: none"> ➤ BPEC 600/6871/1 – Level 3 NVQ Diploma in Domestic Heating (QCF) Routes EN1/EN2/EN3 ➤ BPEC 600/6863/2 – Level 3 NVQ Diploma in Domestic Plumbing and Heating (QCF) Routes EN1/EN2/EN3
Who Supports This Qualification	<p>This qualification is supported by:</p> <ul style="list-style-type: none"> ➤ The Chartered Institute of Plumbing and Heating Engineering. ➤ Training Providers