



BPEC - Purpose Statement

Title of the Qualification	BPEC Level 3 Diploma in Plumbing and Heating Foundation (VRQ)
Qualification Number (QN)	601/7621/0
Overview	<p>The Level 3 Diploma in Plumbing and Heating Foundation is intended as a Technical Level Qualification. It requires the learner to complete external knowledge exams, a synoptic assessment and practical assessments. The qualification aims to develop the underpinning knowledge and practical skills to allow a progression route to the L3 NVQ Diploma in Plumbing and Heating, L3 NVQ Diploma in Domestic Heating or an apprenticeship framework.</p> <p>Guided learning hours are 363.</p>
Who is this qualification for?	<p>The qualification is intended for 16-19 year old learners who are in full time education. It is for someone who wants to work in the Building Services Engineering Industry and envisages a career as a Plumber or Plumbing & Heating Engineer. The qualification may also be suitable for other learners, such as adults, who are interested in a career path to the plumbing and heating industry.</p>
Pre Entry Requirements	<p>Learners should:</p> <ul style="list-style-type: none"> ➤ Be at least 16 years of age. ➤ Have appropriate literacy & numeracy skills. ➤ Have completed one of the following: <ul style="list-style-type: none"> • BPEC Level 2 Diploma in Plumbing Foundation • BPEC Level 2 NVQ Diploma in Plumbing and Heating • BPEC Level 2 NVQ Diploma in Domestic Heating
What does this qualification cover?	<p>The qualification requires the learner to complete 6 units (all of which are mandatory) and includes the assessment of both practical skills and knowledge. The topics covered are:</p> <ul style="list-style-type: none"> ➤ Organising resources within Building Services Engineering ➤ Domestic cold water system design, installation, commissioning, service and maintenance techniques ➤ Domestic hot water system design, installation, commissioning, service and maintenance

	<ul style="list-style-type: none"> ➤ Domestic central heating system design, installation, commissioning, service and maintenance techniques ➤ Domestic sanitation system design, installation, commissioning, service and maintenance techniques ➤ Fundamental principles and requirements of environmental technology systems
What could this qualification lead to?	This qualification provides a foundation for employment and further study as a Plumber or Plumbing & Heating Engineer. It does not automatically qualify learners to work as a Plumbing and Heating Engineer.
Will this qualification lead to employment?	<p>The qualification provides a good foundation to seek employment as a Plumber or Plumbing and Heating Engineer.</p> <p>It also provides evidence to prospective employers that the learner is well placed to undertake other industry qualifications or related apprenticeship frameworks.</p>
Will the qualification lead to further learning?	<p>Learners who complete this qualification and have access to work may go on to complete:</p> <ul style="list-style-type: none"> ➤ BPEC 600/6284/8 - Level 3 NVQ Diploma in Domestic Plumbing and Heating (Gas Water Heating and Wet Central Heating Appliances). ➤ BPEC 600/6286/1 - Level 3 NVQ Diploma in Domestic Heating (Gas Water Heating and Wet Central Heating Appliances). ➤ BPEC 600/6863/2 - Level 3 NVQ Diploma in Domestic Plumbing and Heating (Environmental Technology). ➤ BPEC 600/6871/1 - Level 3 NVQ Diploma in Domestic Heating (Environmental Technology).
Related Jobs	<p>Primarily the following jobs are related to this qualification:</p> <ul style="list-style-type: none"> ➤ Plumber ➤ Plumbing and heating engineer ➤ Gas engineer ➤ Gas service engineer ➤ Heating and ventilating engineer ➤ Heating engineer.
Who Supports This Qualification?	This Qualification is supported by The Chartered Institute of Plumbing and Heating Engineering.