



# NVQ Diploma in Domestic Plumbing and Heating (Level 3 Environmental Technology)

Qualification Title	BPEC Level 3 NVQ Diploma in Domestic Plumbing and Heating (Environmental Technology)		
Qualification Code	Credits	Guided Learning Hours	
<a href="#">600/6863/2</a>	68	549	
Assessment Information	<p>This is a nationally recognised qualification and is designed for learners already holding a relevant level 2 Plumbing and Heating qualification, who wish to specialise in the installation, service and maintenance of a wide range of plumbing and heating systems in domestic environments.</p> <p>Learners opt to undertake units relating to a range of environmental technologies such as solar thermal hot water systems, heat pumps and water recycling systems.</p>		
Unit Details	<p>Depending on which qualification is chosen, the learner will need to complete some or all of the following units:</p> <p>Core Units</p> <ul style="list-style-type: none"> <li>• R/602/2498 Understand how to organise resources within BSE</li> <li>• K/502/8930 Understand and apply domestic cold water system installation, commissioning, service and maintenance techniques</li> <li>• K/502/9155 Understand and apply domestic hot water system installation, commissioning, service and maintenance techniques</li> </ul>		



	<ul style="list-style-type: none"> <li>• M/502/9156 Understand and apply domestic central heating system installation, commissioning, service and maintenance techniques</li> <li>• K/602/3138 Understand the Fundamental Principles and Requirements of Environmental Technology Systems</li> <li>• T/502/9157 Understand and carry out electrical work on domestic plumbing and heating systems and components</li> <li>• D/502/9296 Understand and apply domestic sanitation system installation, commissioning, service and maintenance techniques</li> <li>• K/502/9298 Install, commission, service and maintain domestic plumbing and heating systems</li> </ul> <p>Solar Thermal Options</p> <ul style="list-style-type: none"> <li>• F/602/3100 Know the requirements to install, commission and handover solar thermal hot water systems</li> <li>• L/602/3102 Install, commission and handover 'active' solar thermal hot water systems</li> <li>• Y/602/3104 Know the requirements to inspect, service and maintain 'active' solar thermal hot water systems</li> <li>• K/602/3107 Inspect, service and maintain 'active' solar thermal hot water systems</li> </ul> <p>Heat Pump Options</p> <ul style="list-style-type: none"> <li>• Y/602/3054 Know the requirements to install, commission and handover heat pump systems non-refrigerant circuits</li> <li>• D/602/3072 Install, commission and handover heat pumps non-refrigerant circuits</li> <li>• F/602/3078 Know the requirements to inspect, service and maintain heat pump system installations non-refrigerant circuits</li> <li>• L/602/3083 Inspect, service and maintain heat pump installations non- refrigerant circuits</li> </ul> <p>Water Recycling Option</p> <ul style="list-style-type: none"> <li>• T/602/3109 Know the requirements to install, commission and handover rainwater harvesting and greywater reuse systems</li> <li>• K/602/3110 Install, commission and handover rainwater harvesting and greywater reuse systems</li> <li>• M/602/3111 Know the requirements to inspect, service and maintain rainwater harvesting and greywater reuse systems</li> </ul>
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	<ul style="list-style-type: none"> <li>• A/602/3130 Inspect, service and maintain rainwater harvesting and greywater reuse systems</li> </ul>
Pre-requisites	This qualification is aimed at those who have already completed a suitable Level 2 Plumbing qualification or those who already have relevant experience and knowledge of the industry
Further Information	Assessments consist of a combination of practical and theory examinations.
Training Materials	Training materials are available from a number of sources. <a href="#">BPEC Services Ltd training materials</a>
Career Opportunities	Career opportunities available through completing this qualification within the domestic plumbing and heating sectors could include plumbing and heating engineer and specialised craftsperson (solar thermal, heat pump or water recycling engineer).
Industry Recognition	This qualification satisfies <a href="#">MCS</a> requirements for related work activities.