

<b>Title of the Qualification</b>	BPEC Low Temperature Hot Water Heating Systems qualification
<b>Qualification Number (QN)</b>	Not required
<b>Overview</b>	<p>The purpose of this qualification is for learners to be able to develop the skills and knowledge necessary to design energy efficient low temperature hot water heating systems within the Building Services Engineering (BSE) sector. The target groups for the qualification are those learners who are:</p> <ol style="list-style-type: none"> <li>1. Updating occupational competence, continuous professional development and/or obtaining a licence to practice</li> <li>2. Preparing for further learning or training and/or developing knowledge and/or skills in a subject area and are existing workers in the occupation seeking to extend their range of work.</li> </ol>
<b>Who is this qualification for?</b>	<p>This qualification is for those learners currently employed in the plumbing and domestic heating industry providing them with the necessary training to develop their existing skills. Learners will be required to demonstrate the necessary skills and knowledge to be able to design energy efficient low temperature central heating and hot water systems. This qualification also acts as a prerequisite entry requirement for those learners wishing to undertake an air/ground source heat pump qualification.</p>
<b>What does this qualification cover?</b>	<p>This is an unregulated qualification of 10 guided learning hours consisting of 1 mandatory unit comprising of theoretical assessments which must be completed to achieve the overall qualification. The qualification provides learners with knowledge of low temperature hot water heating systems and builds on previous experience within the plumbing and heating sectors. It provides learners with the knowledge skills required to further their career in the renewables area of the plumbing and heating occupations.</p> <p>The qualification has ONE mandatory unit. This covers the essential knowledge and understanding that is required by an experienced plumbing and heating specialist wishing to update their skills on low temperature hot water heating design, including:</p> <ul style="list-style-type: none"> <li>• Know the methodologies and calculations required to Design Energy Efficient Low Temperature Hot Water Heating Systems</li> </ul>
<b>What could this qualification lead to?</b>	<p>This qualification is a recommended pre-requisite qualification for the BPEC Level 3 Awards in Heat Pump suite of 3 qualifications. These then lead to Microgeneration Certification Scheme (MCS) recognition and membership.</p>
<b>Will the qualification lead to employment?</b>	<p>Successful completion of this qualification proves that learners are able to design energy efficient low temperature central heating and hot water systems and therefore will extend career opportunities in the emerging technologies field.</p>
<b>Will the qualification lead to further learning?</b>	<p>Learners may progress to achieve the BPEC Level 3 Award in Air source Heat Pumps (ETS-006), Ground Source Heat Pumps (ETS-007), or Heat pumps (ETS-008) qualifications.</p>
<b>Who supports this qualification?</b>	<p>This Qualification is supported by industry. Letters of support are available to read via the BPEC website:</p> <p><a href="https://bpec.org.uk">https://bpec.org.uk</a></p>

