

## Purpose statement

The following purpose is for the **Level 3 NVQ Diploma in Domestic Plumbing and Heating (Gas Fired Water and Central Heating Appliances) 600/1134/8**

Area	Description
<b>OVERVIEW</b>	
<p>What does this qualification cover?</p>	<p>The Level 3 NVQ Diploma in Domestic Plumbing and Heating (Gas Fired Water and Central Heating Appliances) allows learners to develop and learn the skills required to become competent within the domestic Plumbing and Gas Heating sector.</p> <p>To achieve this qualification learners must achieve 146 credits from the mandatory units. These units are:</p> <ul style="list-style-type: none"> <li>• Understand how to organise resources within BSE</li> <li>• Understand and carry out electrical work on domestic plumbing and heating systems and components</li> <li>• Understand and apply domestic cold water system installation, commissioning, service and maintenance techniques</li> <li>• Understand and apply domestic hot water system installation, commissioning, service and maintenance techniques</li> <li>• Understand and apply domestic central heating system installation, commissioning, service and maintenance techniques</li> <li>• Understand and apply domestic sanitation system installation, commissioning, service and maintenance techniques</li> <li>• Install, commission, service and maintain domestic plumbing and heating systems</li> <li>• Install, commission and de-commission gas pipework up to 35mm 1¼ diameter in domestic and small commercial premises</li> <li>• Maintain gas water heating and wet central heating appliances</li> <li>• Install domestic gas water heaters and wet central heating appliances</li> <li>• Specific Core Installation &amp; Maintenance</li> <li>• Understand core gas safety principles for natural gas within domestic building services engineering</li> <li>• Tightness test, purge, commission and de-commission 35mm 1¼ diameter in small natural gas installations.</li> </ul>

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For further information on the structure and the units that must be taken, please refer to the qualification handbook on the website:  
<http://www.cityandguilds.com/qualifications-and-apprenticeships/building-services-industry/plumbing/6189-plumbing-and-domestic-heating#tab=information>

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#### WHAT COULD THIS QUALIFICATION LEAD TO?

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Why choose this qualification over similar qualifications?

This qualification has been designed to provide learners with the skills and knowledge to start a career in the Plumbing and Gas Heating sector. On successful completion learners will have gained the competencies to become a qualified Gas Engineer.

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Alternatives routes to achieve the same outcome?

You can also take this qualification as part of the Apprenticeship. .

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How this qualification supports the identified outcome(s)?

Achievement of this qualification demonstrates to an employer that you are a competent gas engineer and have the skills and knowledge to carry out the necessary tasks the role requires.

This qualification will be the accepted qualification for registration onto the Gas Safe register.

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#### WHO SUPPORTS THIS QUALIFICATION?

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Employer/Higher Education Institutions

The qualification is recognised by Gas Safe Register, they are the body within the gas industry with the official list of gas engineers who are registered to work safely and legally on boilers, cookers, fires and all other gas appliances.

The qualification is endorsed by APHC (Association of Plumbing & Heating Contractors)

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