

Purpose statement

The following purpose is for the **Level 3 Advanced Technical Diploma in Plumbing (450) (601/7201/0)**

Area	Description
OVERVIEW	
Who is this qualification for?	This qualification is for you if you are a 16-19 year old learner, who wishes to work as a plumber in the building services industry. It has been designed to deliver a high level of occupational skills and provide a platform from which to progress through further learning or into employment. This vocational route at level 3 is a vital step towards becoming a competent plumber.
What does this qualification cover?	<p>The qualification will help you gain an understanding of the skills required within the plumbing sector. You will cover compulsory aspects such as:</p> <ul style="list-style-type: none"> • working safely and effectively • principles of environmental technology systems • cold water system planning and design • hot water system planning and design • domestic central heating systems planning and design <p>Centres and providers work with local employers who will contribute to the knowledge and delivery of training. Employers will provide demonstrations and talks on the industry and where possible work placements will also be provided by the employers. This practically based training is ideal preparation for gaining employment in the plumbing industry or specialist further study.</p>
WHAT COULD THIS QUALIFICATION LEAD TO?	
Will the qualification lead to employment, and if so, in which job role and at what level?	This technical qualification focuses on the development of knowledge and practical skills needed for working in the Plumbing industry, and will prepare you to enter a plumbing apprenticeship programme. On completion of the apprenticeship, the learner will be recognised by the industry as a competent plumbing and domestic heating engineer.
Why choose this qualification over similar qualifications?	This qualification is aimed at learners who are not yet employed in the plumbing industry but wish to learn the skills needed to progress further, and help them embark on a plumbing apprenticeship programme.
Will the qualification lead to further learning?	This qualification will prepare you for a plumbing apprenticeship programme, which fully qualifies you to work as a plumbing and domestic heating engineer. The apprenticeship will give you an understanding of suitable on-site skills and further knowledge required to work in the plumbing industry. Once qualified, there are many specialist qualifications available, such as environmental technology systems and designing and planning complex water systems.

WHO SUPPORTS THIS QUALIFICATION?

Employer/Higher Education Institutions

This qualification is supported by the APHC (Association of Plumbing & Heating Contractors). Since being established in 1925 APHC have been representing employers of all sizes within the plumbing sector. They work closely with key organisations such as Government, Local Authorities, Training Bodies and Consumer Organisations to ensure that best practice in the industry is promoted and that quality plumbing and heating contractors are fairly represented. They are also at the heart of maintaining vocational standards within the sector. APHC supports the above qualification as being important for employment within the industry.

FURTHER INFORMATION

Please refer to the Qualification Handbook, available on the City & Guilds website, for more information on the structure of this qualification, the content of the units, and assessment.
