

Purpose statement

The following purpose is for the **Level 3 Advanced Technical Diploma in Electrical Installation (450) (601/7307/5)**

Area	Description
OVERVIEW	
Who is this qualification for?	<p>This qualification is for you if you are a 16-19 year old learner, who wishes to work as an electrician in the building services industry.</p> <p>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 electrician.</p>
What does this qualification cover?	<p>The qualification will help you gain an understanding of the skills required within the electrotechnical sector. You will cover compulsory aspects such as:</p> <ul style="list-style-type: none"> • working safely and effectively • design, construct, test and commission electrical systems • methods of supervision • electrical science and principles • regulations and law • diagnose and repair electrical faults. <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 electrotechnical 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?	<p>This technical qualification focuses on the development of knowledge and practical skills needed for working in the electrotechnical industry, which will prepare you to enter an electrotechnical apprenticeship programme. On completion of the Apprenticeship, the learner will be recognised by the industry as competent as an installation or maintenance electrician.</p>
Why choose this qualification over similar qualifications?	<p>This qualification is aimed at learners who are not yet employed in the electrotechnical industry but wish to learn the skills needed to progress further, and help them embark on an electrotechnical apprenticeship programme.</p>
Will the qualification lead to further learning?	<p>This qualification prepares you for an electrotechnical apprenticeship programme, which fully qualifies you to work as an electrician. The apprenticeship will give you an</p>

understanding of suitable on-site skills and further knowledge required to work in the electrical industry. Once qualified, there are many further specific and specialised qualifications enhancing skills within the industry, such as electrical design, inspection and testing, appliance safety and environmental technology systems.

WHO SUPPORTS THIS QUALIFICATION?

Employer/Higher Education Institutions

This qualification is supported by the JIB (Joint Industry Board). The JIB have been at the forefront of maintaining qualifications in electrotechnical industry for over 40 years. This industry qualification is acknowledged by the Electrotechnical Certification Scheme (ECS). The JIB 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.
