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City & Guilds

60016711 Level 2 Diploma in Electrical Power Engineering - Substation Plant

OVERVIEW

- What does this qualification cover?

This Level 2 Diploma in Electrical Power Engineering will provide you with the skills and knowledge needed when maintaining or installing substation plant. It can be taken on its own or as part of an apprenticeship.

There are 5 units that you must take:

- Working Safely in the Power sector
- Working Efficiently and Effectively in the Power sector
- Using and Communicating Technical Information in the Power sector
- Movement of Cable, Plant and Apparatus
- Egress and Movement in Substations

and a choice of optional units to meet the needs of your job (minimum 3)

- Customer Relations for working in the Power sector
- Electrical and Functional Testing of Fitting Plant and Apparatus
- Install Distribution Substation Plant and Apparatus
- Dismantle Distribution Substation Plant and Apparatus
- Maintain Distribution Substation Plant and Apparatus
- Inspection and Maintenance of Battery Systems
- Substation Earthing Installation and Testing
- Install Primary/EHV Substation Plant and Apparatus
- Dismantle Primary/EHV Substation Plant and Apparatus
- Maintain Primary/EHV Substation Plant and Apparatus
- Fault Repair of Distribution and HV Substation Plant/Apparatus
- Inspection of Substation Plant and Apparatus
- Maintain Compressed Air Systems

- Who could take this qualification? OR who is this qualification designed for?

To undertake this qualification you will be working for one of the many companies involved in this important industry. This qualification has been developed for students aged 16+. There are no restrictions on entry, although it is expected that candidates will be already engaged within the industry.

WHAT COULD THIS QUALIFICATION LEAD TO?

- Will the qualification lead to employment?

This qualification is suitable for those employed as an Electrical Fitter.

- Will the qualification support progression to further learning, if so, what to?

As well as being a standalone qualification it also forms part of the Intermediate Apprenticeship in Power Transmission and Distribution. For the apprenticeship you would also take the Level 2 Certificate in Electrical Power Engineering - Distribution and Transmission (Technical Knowledge). Following successful completion you can progress to the Level 3 Diploma in Electrical Power Engineering and the Level 3 Diploma In Electrical Power Engineering - Distribution and Transmission (Technical Knowledge). These both form part of the Advanced Apprenticeship in Power Transmission and Distribution.

WHO SUPPORTS THIS QUALIFICATION?

This qualification is supported by RenewableUK, the UK's leading not for profit renewable energy trade association.

It is recognised by the Energy & Utility Skills Register (EUSR).