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1 Giltspur Street
London
EC1A 9DD
T +44 (0)20 7294 2468
F +44 (0)20 7294 2400
www.cityandguilds.com

City & Guilds

60016735 Level 2 Diploma in Electrical Power Engineering - Overhead Lines

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 & installing overhead lines. It can be taken on its own or as part of an apprenticeship.

There are 4 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 Overhead Line Plant and Apparatus

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

- Customer Relations for working in the Power sector
- Access/Egress and Work on Wood Pole Structures
- Access/Egress and Work on Steel Tower Structures
- Install Overhead Steelwork, Fittings and Conductors on Wood Pole Structures
- Dismantle Overhead Steelwork, Fittings and Conductors on Wood Pole Structures
- Install and Configure Distribution Apparatus on Wood Pole Structures
- Excavate and Install Distribution Wood Poles and Stays
- Electrical Testing of Overhead Line Distribution Equipment
- Fault Repair of Overhead Line Distribution Assets
- Live Low Voltage Distribution Work
- Inspection of Overhead Line Wood Pole Networks
- Earthing of Overhead Line Conductors on Steel Tower Structures
- Install/Replace Fittings on Steel Tower Structures
- Install EHV Conductors on Steel Tower Structures
- Dismantle EHV Conductors on Steel Tower
- Maintain Apparatus on Steel Tower Structures
- Jointing of Overhead Line EHV Conductors

- 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, and if so, in which job role at which level?

This qualification is for those employed as a linesperson.

- 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).