

July 2014

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

City and Guilds

60008118 Level 3 Diploma in Electrical Power Engineering - Wind Turbine Operations and Maintenance

OVERVIEW

- What does this qualification cover?

This level 3 Diploma in Electrical Power Engineering will provide you with the skills and knowledge needed when undertaking advanced operational maintenance activities on large scale Wind Turbines.

There are 3 units that you must take:

- Complying with statutory regulations and organisational safety requirements
- Work with other people
- Protect the environment during wind turbine maintenance activities

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

- Fault location and diagnosing faults on pitch systems and components
- Fault location and diagnosing faults on yaw systems and components
- Fault location and diagnosing faults on convertor systems and components
- Fault location and diagnosing faults on control systems and components
- Fault location and diagnosing faults on low voltage systems and components
- Configure pitch systems
- Configure yaw systems
- Configure control systems
- Configure converter 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 exciting Green 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?

This qualification is for Wind Turbine Operations & Maintenance Technicians.

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

This qualification forms part of the Advanced Level Apprenticeship in Wind Turbine Operations and Maintenance. For the apprenticeship you would also take the Level 3 Diploma in Electrical Power Engineering - Wind Turbine Operations and Maintenance (Technical Knowledge).

This qualification is an ideal next step if you have taken the Level 2 Diploma in Electrical Power Engineering - Wind Turbine Operations and Maintenance.

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).