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60027009 Level 3 Diploma in Electrical Power Engineering - Wind Turbine Maintenance (Technical Knowledge)

OVERVIEW

- What does this qualification cover?

This Framework qualification consists of the following mandatory topics:

- Health and safety in the power industry
- Theory and background of wind turbines and energy
- Mechanical theory and principles of wind turbine technology
- Electrical theory and principles of wind turbine technology
- Control and instrumentation theory and principles of wind turbine technology
- Hydraulic theory and principles of wind turbine technology
- Wind turbine systems technology

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

These qualifications suitable for those seeking employment or undertaking an apprenticeship in the Wind Turbine maintenance industry. There are no entry requirements for these qualifications. However, centres must ensure that learners have the potential and opportunity to gain the qualifications successfully.

These qualifications are not approved for under 16 years of age.

WHAT COULD THIS QUALIFICATION LEAD TO?

- Will the qualification lead to employment, and if so, in which job role at which level?

This qualification could lead to employment as a:

- Wind Turbine Technician or apprentice – Installation & Commissioning
- Wind Turbine Technician or apprentice – Operations & Maintenance



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

After completing this qualification further skills can be gained by taking the following qualifications:

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

or to progress to supervision or management:

- Level 3 Award in First Line Management
- Level 3 Diploma in First Line Management
- Level 3 Certificate in First Line Management

WHO SUPPORTS THIS QUALIFICATION?

This qualification is supported by:
Utility Construction Training
Bradford College
Gateshead College