

ECITB SCHOLARSHIP CRAFT AND TECHNICIAN SPECIFICATION 2021

Wind Turbine Technician

This document specifies the skills and knowledge delivery services required for the 2021 ECITB Scholarship Programme.

CONTRACT SPECIFICATION

The ECITB's contractual requirement is for the training provider to deliver skills, knowledge and behavioral training leading to skilled employment status or entry onto a recognised Apprenticeship Standard/Framework in the Engineering Construction or related industries.

This specification document describes the activities and processes required to be undertaken by the appointed provider (Approved Centre) in order to ensure that all learners achieve the requirements contained within the ECITB's Scholarship Programme (**table 1**).

Please note that the final number of learners, discipline and regional location will not be confirmed until the conclusion of the tendering process.

• TERMS AND DEFINITIONS

The following definitions and rules of interpretation apply in this specification:

- .1 **Approved Centre**
means an organisation approved by the ECITB Awarding Organisation to deliver and assess ECITB regulated qualifications.
- .2 **Awarding Organisation**
this is the term used to describe an organisation approved by UK government appointed regulatory authorities to award qualifications, including Competence Qualifications. The ECITB is the UK's skills training board and standard setting body for engineering construction as well an awarding organisation for engineering construction qualifications.
- .3 **Apprenticeship Standard/Framework**
if referenced means the requirements that must be met and the qualifications to be achieved by an apprentice in order for them to successfully complete an Apprenticeship.
- .4 **Craft Programme** means the programme which will follow a progression route from level 2 to level 3 over the duration of the programme in craft related pathways (Pipefitting, Mechanical Fitting, Plating, etc.).
- .5 **Competence Qualification**
means the qualification a learner must complete, and which attests his or her ability to do a job of work to a nationally recognised standard. A learner will complete the Competence Qualification during the scholarship following which they will demonstrate competence in real work situations through employment or progression onto an Apprenticeship.

.6 Funding Contract

The Approved Centre will secure and maintain a contract with the relevant funding agency for the purposes of funding the delivery of the Knowledge component of the Scholarship Programme.

.7 Global Wind Organisation (GWO)

Global Wind Organisation is a non-profit body founded by wind turbine manufacturers and owners. GWO members strive for an injury free work environment in the wind turbine industry, setting common international standards for safety training and emergency procedures.

.8 Knowledge Qualification

means the qualification a learner must complete that confirms their knowledge of the fundamental aspects of their discipline to underpin. This qualification will be achieved during the Scholarship Programme and must meet the requirements as detailed in **(table 1)**.

.9 Pathway

means the discipline/s or occupation that the learner will follow during the Scholarship Programme.

.10 Practical Exercises

means the ECITB Practical Exercises that must be achieved as part of the Scholarship Programme

.11 RenewableUK

RenewableUK, formerly known as the British Wind Energy Association, is the trade association for wind power, wave power and tidal power industries in the United Kingdom.

.12 Skills Training

means the practical skills training that the learner will complete to prepare them for the Workplace.

.13 Technical Programme means the programme which will be direct entry at level 3 over the duration of the programme in technical related pathways (Electrical Maintenance, Mechanical Maintenance, Instrument & Control, Design & Draught, Energy Transfer Technician etc.)

2. KNOWLEDGE QUALIFICATION REQUIREMENTS

2.1 The Approved Centre shall have all arrangements in place to deliver one of the Knowledge Qualification as detailed in **(table 1)**.

2.2 The Approved Centre shall be able to deliver the Knowledge Qualification from a location within the identified region.

2.3 The Approved Centre will take all necessary steps to fund the delivery of the Knowledge Qualification through a public funding contract.

3. SKILLS QUALIFICATION/TRAINING & ASSESSMENT REQUIREMENTS

- 3.1 The Approved Centre shall have all arrangements in place to deliver a period of skills training throughout the programme to reflect the requirements of the discipline specific vocational qualification/s
- 3.2 The Approved Centre shall be able to deliver the skills training services from a location within the identified region.

The Training Provider shall possess, or be able to access through a partnering arrangement, the essential physical resources to deliver the skills relating to the Pathways as listed in **(table 1)**.

ECITB Scholarship Programme - Wind Turbine Technician Content.

The programme content tables below are separated to list the requirements of the Wind Turbine Technician Scholarship.

The Wind Turbine Technician Scholarship is a two-year off the job programme.

Where an ECITB qualification is referenced in the specification, formal contract execution will only be completed once the ECITB Awarding Organisation are satisfied the provider can meet all the criteria required to deliver the qualification.

The curriculum consists of two elements:

- The Scholarship – this full time off the job programme delivers all the core knowledge and skills required for a modern Electrical and Mechanical Technician. All learners will take two full VQs along with some curriculum enhancements. Successful graduates from the Scholarship will be fully multi-disciplined. Providers are encouraged to use the ECITB's skills assessment tests (SATs) when assessing the RQF qualifications. Guidance may be sought from the ECITB's awarding organisation [The ECITB Awarding Organisation - ECITB](#).
- Bridging module – This element will be delivered by training providers approved by the relevant bodies as required, in this instance RenewableUK and the GWO. The module delivers the required training to enable the learners to be ready to enter the renewable sector. Where required the training provider must ensure that any recognised prior learning accrued from the Scholarship element is applied to ensure duplication is minimal.

ECITB Wind Turbine Technician Scholarship Curriculum

Year 1 – 36 weeks

30 hours a week of the job training and assessment 5 days a week.

Employer Introduction/Selection Work Shops

The provider will arrange and facilitate an employer workshop to:

- Enable employers to put forward potential learners for selection,

	<ul style="list-style-type: none"> Assess the learners in order to identify their suitability for employment either as a direct hire or for progression onto an Apprenticeship.
Knowledge Qualification	<p>Level 3: The selected qualification must provide the relevant knowledge that underpins the selected level 3 competence qualifications.</p> <p>Note:</p> <p>The knowledge qualifications must be achieved during the programme and must be funded through a Public Funding Contract.</p> <p>The provider will select a suitable level 3 knowledge qualification along with the suggested optional units which will be agreed with the ECITB.</p>
Skills Training & Competency Qualifications	<p>Discipline specific skills training and commencement of centre-based assessment against the specified ECITB level 3 Competency Qualifications below:</p> <ol style="list-style-type: none"> Level 3 Diploma in Engineering Construction Maintenance (RQF) – Electrical, Level 3 Diploma in Engineering Construction Maintenance (RQF) – Mechanical. <p>Note:</p> <p>The delivery of this component of the programme will be funded by the ECITB but where public funding can be accessed and drawn down this should be utilised and identified within the tender.</p>
Behavioural Based Safety	<p>ECITB will provide access to the digital platform required for delivery of this component.</p> <p>This will require no development or delivery by the provider.</p>
ECITB Digital Passport	<p>The ECITB will provide access to an online platform to enable the learners to undertake and be assessed against an ECITB Digital Passport.</p>
<p>Year 2 – 36 weeks</p> <p>30 hours a week of the job training and assessment 5 days a week.</p>	
Knowledge Qualification England	<p>Level 3: The selected qualification must provide the relevant knowledge that underpins the selected level 3 competence qualification.</p> <p>Note:</p>

	<p>The knowledge qualifications must be achieved during the programme and must be funded through a Public Funding Contract.</p> <p>The provider will select a suitable level 3 knowledge qualification along with the suggested optional units which will be agreed with the ECITB.</p>
Skills Training & Competency Qualifications	<p>Completion of discipline specific skills training and centre-based assessment against the specified ECITB level 3 Competency Qualifications below:</p> <ol style="list-style-type: none"> 1. Level 3 Diploma in Engineering Construction Maintenance (RQF) – Electrical, 2. Level 3 Diploma in Engineering Construction Maintenance (RQF) – Mechanical. <p>Note:</p> <p>The delivery of this component of the programme will be funded by the ECITB but where public funding can be accessed and drawn down this should be utilised and identified within the tender.</p>
ECITB Mechanical Joint Integrity - Wind	TSMJI 33 Torque and tension wind turbine bolted connections (in final draft).
CCNSG Safety Passport	To be delivered by an ECITB Licenced CCNSG Provider.
Work Experience	The provider will arrange and facilitate a minimum of 35 hours to be discussed and agreed with the ECITB and the prospective employer.
ECITB Technical Testing	Testing against selected Electrical and Mechanical ECITB Connected Competence Technical Tests.
Additional Components	<p>Additional components as agreed with the provider and funded by the ECITB which will enhance the programme and increase the learner's chances of progression.</p> <p>ECITB Sector Based Awards.</p> <p>The ECITB will provide access to an online platform to enable the learners to undertake and be assessed against a series ECITB standalone Sector Awards. This will require no development or delivery by the provider.</p>

Bridging Module

To be agreed with the employer and delivered by the Training Provider
Anticipated duration of 13 days dependent upon amount of recognised prior learning applied to the BTT Modules.

Certification Against The GWO Basic Technical Training (BTT) Standard (maximum 6 days)	The Provider will map the ECITB Wind Turbine Tec Scholarship Programme outcomes against the GWO BTT and ensure: <ul style="list-style-type: none">• Any recognised prior attainment from the ECITB Scholarship programme is applied against the GWO BTT curriculum.• Any deficiencies are addressed through undertaking the required elements of the BTT using a GWO accredited provider.
The GWO Slinger Signaller (SLS) (2 days)	To be delivered by a GWO approved provider.
The Global Wind Organisation (GWO) Basic Safety Training Standard (All Five Modules 6 days)	To be delivered by a GWO Approved Training Provider.
Online Wind Turbine Safety Rules (WTSR) Training (1 Day)	To be delivered by a RenewableUK Approved Training Provider.

Notes (Multi Disciplined)

Learners will be trained and then assessed against the ECITB Level 3 Diploma in Engineering Construction Maintenance (RQF) <https://www.ecitb.org.uk/wp-content/uploads/2021/03/QS-Engineering-Construction-Maintenance-RV-1-2.pdf> in the center using the ECITB provided skills Assessment Tests. They will be trained and assessed against all the mandatory units in the following two pathways:

- Mechanical and Electrical.

4. PERSONNEL DEPLOYED

The Training Provider shall ensure that all persons delivering training & assessment have the necessary qualifications, experience and have passed all necessary checks as required by the relevant Awarding Bodies, funding agency and all other relevant, regulatory authorities.

5. THIRD PARTY AUDITING

The Training Provider shall work with ECITB in resolving any issues that arise as a result of quality and health and safety audits in relation to the training and/or assessment of learner undertaking the ECITB Scholarship Programme.

6. BENCHMARKING

The Training Provider shall endeavour to meet agreed targets - no more stringent than those agreed by the Training Provider with the relevant funding agency - with ECITB in relation to achievement, retention, etc. of learners.

7. INSURANCE

During the term of this Agreement and for a period of one year thereafter, the Training Provider shall maintain in force with reputable insurance company insurance for the sum of £5,000,000 per event, including the following risks:

- 7.1 employers' liability insurance in respect of all persons involved in delivery of the Training and performance of this Agreement;
- 7.2 public liability insurance to cover against any suit or action, claims or demands brought or made by any person injured or suffering loss or damage in connection with the carrying out of the Training and performance of this Agreement;
- 7.3 business interruption in the event that the Training Provider is unable to perform the Training.