

## ECITB SCHOLARSHIP 2024

### Wind Turbine Technician Specification

This document specifies the skills and knowledge delivery services required for the 2024 ECITB Scholarship Programme.

### **CONTRACT SPECIFICATION**

The ECITB's contractual requirement is for the training provider to deliver skills and knowledge 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 will not be confirmed until the conclusion of the tendering process.

### **1 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 - Technical 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.

**Table 1 – Scholarship Programme Outcomes**

**The order of curriculum delivery is subject to discussion and to be confirmed with the provider at pre contract stage.**

**Year 1**

<b>Pre-Programme Promotion</b>	<ul style="list-style-type: none"><li>• The training provider will work with ECITB to promote the programme, this should commence within one calendar month of contract award and conclude once the pre-requisite number of learners plus an agreed number of reserves have accepted offers to participate in the programme in principle.</li><li>• The promotional activity should include social media postings, school engagement and face to face recruitment and awareness events which can include employers and will be supported by the ECITB.</li><li>• Support ECITB in publishing a 2024 Scholarship programme launch in August.</li></ul>
<b>Recruitment</b>	<p>The provider will arrange and facilitate engagement with employers to:</p> <ul style="list-style-type: none"><li>• Enable employers to put forward potential learners for selection,</li><li>• Assess the learners in order to identify their suitability for employment either as a direct hire or for progression onto an Apprenticeship.</li></ul>
<b>Employer Engagement with the Programme</b>	<ul style="list-style-type: none"><li>• The provider will host employer/ECITB meetings to review the learners progress, help facilitate work placement and employment opportunities and the curriculum content relevancy.</li><li>• The meetings will run for the duration of the programme. It is anticipated the meetings will be held bi-monthly, but this will be discussed and agreed at the pre contract meeting.</li></ul>

<b>Work Experience</b>	<p>The provider will arrange and facilitate one of the following work experience options for the learners consisting of a minimum of 35 hours to be discussed and agreed with the ECITB:</p> <ol style="list-style-type: none"> <li>Simulated workplace project such as a turnaround or shut down,</li> <li>A supervised work placement with an employer.</li> </ol> <p><b>Note: Collaboration between centres is encouraged if considering option a.</b></p>
<b>RPL Against an Apprenticeship</b>	<ul style="list-style-type: none"> <li>Using the Scholarship specification as a benchmark, the provider will determine how much RPL a candidate will gain from the Scholarship against a comparable level 3 apprenticeship.</li> <li>The provider will provide an example for the ECITB which shows how much Apprenticeship levy would be drawn and the anticipated duration of the apprenticeship.</li> <li>The provider will clearly state which Apprenticeship has been used, and if applicable (England only) state the STO reference number.</li> </ul>
<b>Supporting the Net Zero Agenda</b>	<p>Clean Energy Technologies (Min of 6 Hours)</p> <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>
<b>Behavioural Based Safety</b>	<p>ECITB will provide access to the digital platform required for delivery of this component. (Min of 6 Hours)</p> <p>This will require no development or delivery by the provider.</p>
<b>ECITB Digital Passport</b>	<p>The ECITB will provide access to an online platform to enable the learners to undertake and be assessed against an ECITB Digital Passport. (Min of 6 Hours)</p>

<b>Knowledge Qualification</b>	<p>Level 6/7: The selected qualification must provide the relevant knowledge that underpins the selected level 3 competence qualification.</p> <p><b>Note:</b></p> <p><b>The knowledge qualifications must be achieved during the programme and must be funded through a Public Funding Contract.</b></p> <p><b>The provider will select a suitable level 6/7 knowledge qualification along with the suggested optional units which will be agreed with the ECITB.</b></p>
<b>Skills Training &amp; Competency Qualifications</b>	<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"> <li>1. Level 3 Diploma in Engineering Construction Maintenance (RQF) – <b>Electrical</b>,</li> <li>2. Level 3 Diploma in Engineering Construction Maintenance (RQF) – <b>Mechanical</b>.</li> </ol> <p><b>Note:</b></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>
<b>ECITB Mechanical Joint Integrity - Wind</b>	TWTMJ133 Torque and tension wind turbine bolted connections.
<b>CCNSG Safety Passport</b>	To be delivered by an ECITB Licenced CCNSG Provider.
<b>Work Experience</b>	The provider will arrange and facilitate a minimum of 35 hours to be discussed and agreed with the ECITB and the prospective employer.
<b>Bridging Module</b> <b>To be agreed with the employer and delivered by the Training Provider</b> <b>Max duration of 13 days dependent upon amount of Recognised Prior learning applied to the BTT Modules.</b>	

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

### 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.

## **2. 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.

## **3. 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.

## **4. 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.

## **5. 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:

- 5.1 employers' liability insurance in respect of all persons involved in delivery of the Training and performance of this Agreement;
- 5.2 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;
- 5.3 business interruption in the event that the Training Provider is unable to perform the Training.