



3t Training Services

Military to Wind ELCAS Training Programme

ITC Level 3 Diploma in Safe Working Practice
in the Wind Turbine Industry

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3t

We are training **the workforce of the future.**

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Helping to **transfer your skills**

3t Training Services (previously AIS Survivex) are the training delivery partner of choice for the armed forces going into Wind or Oil & Gas.

We are an ELCAS-approved training provider committed to helping ex-forces personnel transfer their skills to the global energy sector - and are gold-level sponsors of the British Forces Resettlement Service (BFRS).

Why trust us?

1 in 5

—
GWO delegates in the UK trust us with their training.

—
We are the largest Global Wind Organisation (GWO) training provider in the UK. 3t Training Services is the UK's number one provider of renewables training, with roughly 1 in 5 Global Wind Organisation (GWO) delegates passing through our doors.

—
We deliver specialist training for the wind industry to thousands of delegates each year from our GWO-endorsed centres in Aberdeen and Newcastle upon Tyne.

Military to Wind

ITC Level 3 Diploma in Safe Working Practice in the Wind Turbine Industry



Summary

3t was the first training provider to be approved to deliver wind industry training utilising ELCAS credits.

Our Military to Wind training programme is the first of its kind. Working closely with wind sector employers and industry bodies we have put together this bespoke hybrid package combining the learning

outcomes from Global Wind Organisation (GWO) accredited training into a widely recognised Level 3 Diploma.

The ELCAS-approved 'Military to Wind' training programme provides all the mandatory certification required, whilst preparing you for your new wind sector career.

Contents

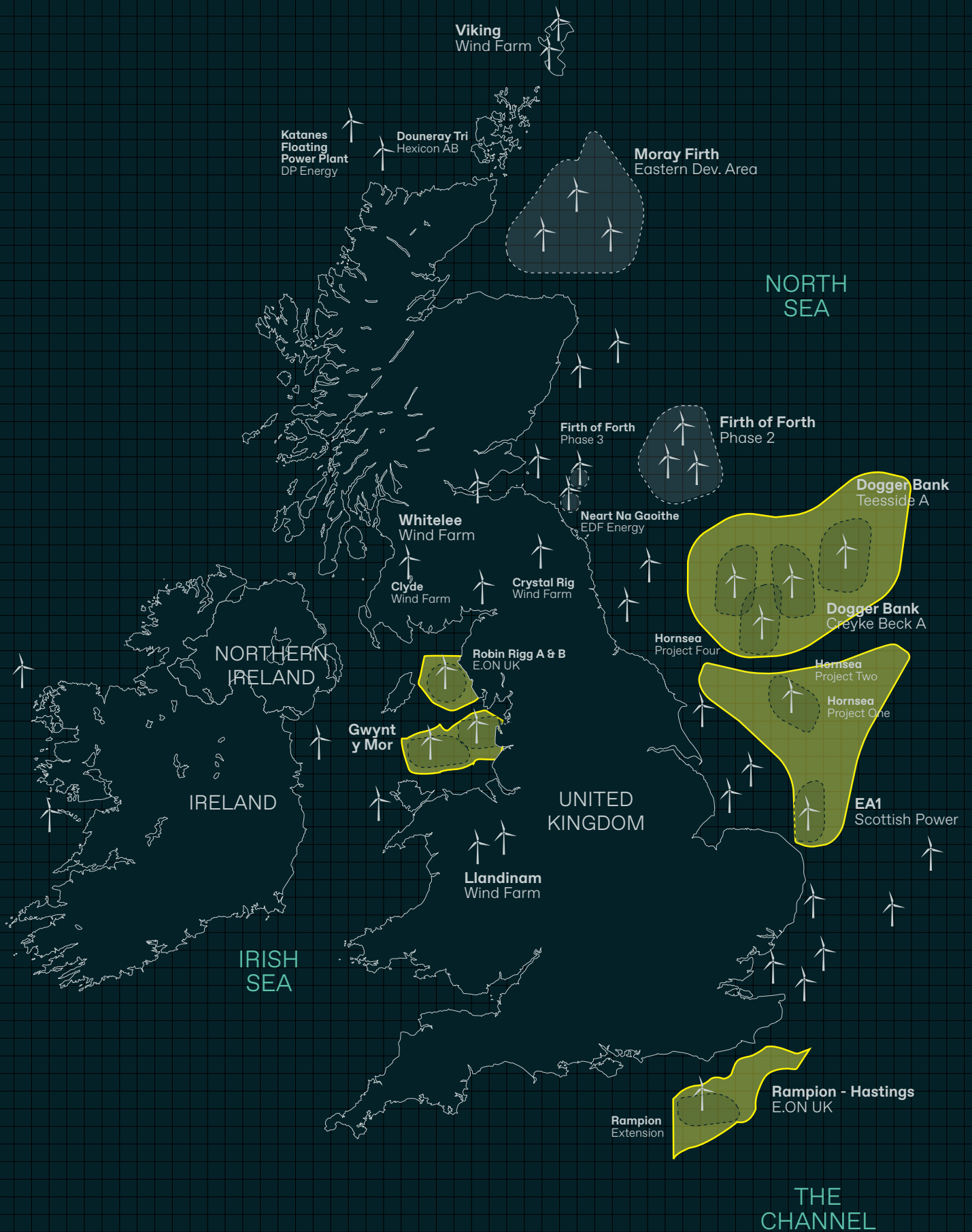
At the end of our 4-week training programme you will be awarded an 'ITC Level 3 Diploma in Safe Working Practice in the Wind Turbine Industry' and your successful completion of the following learning outcomes will be recorded in WINDA...

The programme covers the following:

1. Sea survival
2. Technical training - mechanical, hydraulic, electrical
3. Enhanced first aid
4. Working at height & advanced rescue
5. Manual handling
6. Fire awareness

Highlights

- ITC Level 3 diploma regulated by Ofqual and SQA
- All mandatory GWO-training outcomes covered
- Basic technical training
- Industry recognised vocational training programme
- Exclusively available to military personnel
- ELCAS funding credits accepted
- Careers advice, guidance, and interview prep
- Guaranteed interview with wind sector employer



***Map for reference only**
 Not to scale & not an exhaustive list of current, ongoing and future projects.



Military to Wind

Programme contents

ITC Level 3 Diploma in Safe Working Practice in the Wind Turbine Industry

ITC are an awarding organisation regulated by Ofqual and SQA accreditation.

This exciting qualification has been developed to support the needs of those entering employment in the wind industry, particularly those who are new to the sector but may have existing relevant transferable skills.

During the course of completing your GWO training with us you will cover many of the relevant criteria required in order to achieve a Level 3 Diploma - the rest will be covered during built-in 'top up days' ensuring you receive a Level 3 Diploma certificate upon successful completion of our Military to Wind training programme.

A Level 3 Certificate in Safe Working Practice in the Wind Turbine Industry ensures that not only do you feel confident and prepared to start your new career within the wind sector - but you also have an industry recognised diploma to boost your CV and employability.

Diploma covers

- Health and Safety in the Wind Turbine Industry
- Introduction to Working with Electrics and Electronics in the Wind Turbine Industry
- Working at Heights in the Wind Turbine Industry
- First Aid in the Wind Turbine Industry
- Manual Handling in the Wind Turbine Industry
- Fire Safety Awareness in the Wind Turbine Industry
- Working in Medium Risk Confined Spaces in the Wind Turbine Industry
- Marine Safety and Sea Survival in the Wind Turbine Industry
- Employment Fundamentals in the Wind Turbine Industry



Module 1

Sea Survival

Sea Survival provides the skills and knowledge to travel safely to and from offshore wind installations.

Industry experienced instructors deliver courses in a state-of-the-art wind and renewables excellence centre which provides a realistic training environment and accommodates personnel working both onshore and offshore.

The course provides delegates with the basic skills and knowledge to act in a preventative way from when they stand on the quay by departure until they have returned safely. This includes using possible aids, rescue equipment and methods.

Course objectives

- Work on offshore wind installations
- Use possible aids/rescue equipment and methods
- Demonstrate sea survival techniques and safe transfer between vessels and installation

Module 2

Advanced Rescue Training (ART)

ART provides the skills and knowledge to successfully transport a colleague who cannot self-evacuate.

The training is based on risk assessments and factual incident and accident statistics pertaining to the installation, service and maintenance of wind turbine generators and wind power plants.

Course objectives

- Safely access the hub, spinner, inside blade, nacelle, tower
- and basement section of a wind turbine to get to an injured person
- Perform entry-type casualty rescue operations in a wind turbine generator
- Correctly use industry standard rescue equipment and methods
- Understand and demonstrate advanced rescue techniques that exceed those of GWO Working at Height



Module 3

Fire Awareness

Provides the knowledge, skills, and confidence to appropriately respond in the event of an emergency on an offshore wind installation.

Delegates will learn the proper use of personal protective equipment, emergency equipment and procedures which increases safety in the wind industry.

Course objectives

- Identifying any signs of fire
- Follow emergency escape procedures
- Detect smoke
- Recall contingency plans for wind turbines
- Identify causes of fire within a wind turbine environment
- Follow the correct procedures and operation for fire extinguishing with firefighting equipment

Module 4

Working at Height & Manual Handling

GWO Working at Height & Manual Handling Combined encourages positive manual handling behaviour and safe work at heights in the wind industry.

Course objectives

- Understand hazards and risks associated with working at height specific to a wind turbine generator (WTG)
- Understand current national and regional legislation related to working at heights
- Identify & use PPE including European and global standard markings
- Identify anchor points
- Use evacuation devices and ladders
- Approach rescue situations in WTGs
- Demonstrate a problem-solving approach to manual handling in a wind turbine environment
- Identify and reduce risk with correct manual handling techniques
- Understand the importance of carrying out work duties in a safe and sound manner
- Identify signs and symptoms of injuries



—
Module 5

Enhanced First Aid

EFAR provides the knowledge and skills to administer lifesaving first aid measures.

Learn to use advanced emergency equipment and medical telecommunication to provide ongoing care to an ill or injured casualty in remote areas over a period of time, while waiting for professional emergency rescue teams to arrive.

—
Course objectives

- Understand the importance of carrying out basic and enhanced first aid in a safe and sound manner, in accordance with local and international legislation
- Identify and explain normal function, normal signs and symptoms of serious and minor injuries and illness related to the human body
- Administer safe, effective, and immediate lifesaving and enhanced first aid measures using advanced emergency equipment and medical teleconsultation
- Demonstrate understanding and correct order of management in an emergency situation in a Wind Turbine Generator (WTG) environment

—
Module 6

Basic Technical Training (BTT)

BTT is widely considered to be the industry standard for all wind technicians.

This is an entry level course that enables delegates to perform basic hydraulic, mechanical, and electrical tasks in a wind turbine environment under the supervision of an experienced technician.

—
Course objectives

- Understand the basics of electricity, mechanics and hydraulics, and the associated hazards of each
- Demonstrate how to take correct and safe measurements, and explain the main components, mechanical systems, and the basic operation of wind turbines
- Explain and demonstrate a practical knowledge of the components and functions of a wind turbine in terms of maintenance and repair
- Identify and find different components of a wind turbine on a technical diagram, as well as other skills and competencies associated with a technician working in the wind sector

Careers in Wind

As the renewable industry grows, so does the demand for talent to work within it, bringing lots of new career prospects. The industry is the perfect transition for individuals leaving the armed forces who will have benefitted from exposure to many of the skills, experience, and work ethic, that are required to work within this exciting, fast-paced industry.

With so many career paths available, the route you take in renewable energy will depend on your interests, overall experience, and qualifications.

70,000

—
Almost 70,000 additional jobs needed for the offshore wind industry by 2030.

100,000+

—
It's predicted that the number of people working in direct and indirect jobs in the UK's offshore wind industry will increase to over 100,000 by the end of the decade.*

*OWIC Offshore Wind Skills Intelligence June 2023 report

Careers Guidance & Interviews

We work with some of the energy sectors leading employers and recruiters to help put your career on the right path.

—
Whilst finding employment after training is always ultimately the responsibility of the delegate, we work with key industry players to ensure you leave with the best possible knowledge and connections.

—
We have built-in slots to our training programme where we will invite along guests who are currently working and/or recruiting within the wind sector to offer careers guidance and share potential job opportunities exclusively with our Military to Wind delegates.

—
We currently have agreements in place to offer at least one relevant job interview per delegate upon successful completion of the programme - putting you in the best possible position to secure employment in the field.

Some of the companies we work with...





Success stories

Working in the global energy sector is an attractive option for many former military personnel.

There are lots of synergies between military life and energy sector working - because of this, ex-service personnel are often sought after by many wind sector employers and agencies.

But don't take our word for it! Here are a few of our delegates who have transferred from military to energy with 3t Training Services...



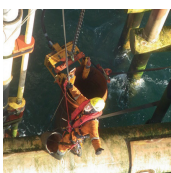
"I love working in the wind sector. The lifestyle suits me down to the ground as it's a bit like being in the military, spending spells away from home but also having quality time off afterwards."

—
Ray Richardson, ex Royal Marine Mechanical Engineer from Whitley Bay



"Coming out of the Royal Marines with no technical experience felt very much like starting from scratch and it was a huge transition to where I am now. I've now got extremely marketable skills and feel completely prepared for my wind career."

—
Jonathan Askew, ex Royal Marine Motorman from Cramlington



"Being new to the industry, I found myself constantly asking questions but the team at 3t couldn't have been more helpful. As well as all the qualifications, I picked up lots of tips and advice which has undoubtedly helped me get my first offshore job."

—
Alastair Jeffrey, ex-Military from Pitlochry

Wind Industry Job Roles

There are many career options within the wind industry, from transport, installation and logistics to operations and maintenance. Some jobs will be office based; however, most will be in the field either onshore or offshore.

The salary band you can expect to achieve will differ depending on the role and the company.

—
The top employers *are often looking for:*

Project Managers

(£120,000 - £150,000)

Environmental Advisors

(£40,000 - £60,000)

Wind Analysts

(£50,000 - £70,000)

Environmental Scientists

(£60,000 - £80,000)

Contract Engineers

(£50,000 - £70,000)

Contract Managers

(£80,000 - £100,000)

Geotechnical Engineers

(£80,000 - £100,000)

Procurement Specialists

(£50,000 - £70,000)

Production Managers

(£45,000 - £50,000)

Quality Inspectors

(£40,000 - £60,000)

Structural Engineers

(£65,000 - £85,000)

Site Managers

(£75,000 - £85,000)

Installation Managers

(£120,000 - £150,000)

Wind Turbine Technicians

(£40,000 - £55,000)

Electrical Engineers

(£50,000 - £70,000)

Mechanical Engineers

(£40,000 - £60,000)

Design Engineers

(£45,000 - £65,000)

Cable Jointers

(£35,000 - £45,000)

Operations Managers

(£65,000 - £85,000)

Field Service Technicians

(£45,000 - £65,000)

Blade Repair Technicians

(£40,000 - £55,000)

Service Managers

(£75,000 - £85,000)

Technical Analysts

(£40,000 - £60,000)

Performance Managers

(£45,000 - £60,000)

Training Coordinators

(£50,000 - £60,000)



Wind Skills Timeline

From consent & planning to pre-construction, construction, and installation, right through to operations and maintenance - the wind sector is an exciting and varied industry to work in!

1. Planning & development

Planning a wind farm requires a combination of various experts to set out the requirements for building and operating the farm, as well as forecast the environmental and social benefits of its development.

2. Pre-construction

A team of people are required to manage the process of pre-construction for a wind farm, including the preparation of the land and the manufacturing of the wind turbine components.

3. Installation & commissioning

Installing and commissioning a wind farm requires a combination of technical experts in different areas of engineering.

4. Operation & maintenance

Wind farms require a continuous workforce to operate the wind turbines and provide regular maintenance to keep them in optimum working condition throughout their life cycle.

5. Decommissioning & re-powering

A combination of personnel from the previous stages of the wind farm are required to reverse the construction process for decommissioning or restart the process for re-powering.

Using ELCAS credits to fund your training? *Here's how...*

The MOD's Enhanced Learning Credits Scheme (ELC) promotes lifelong learning amongst members of the Armed Forces.



The scheme provides financial support in each of a maximum of three separate financial years for higher level learning of a nationally recognised qualification at Level three or above or, if pursued overseas, an approved international equivalent qualification with an approved learning provider.

Personnel who are still in Service, and/or in their resettlement phase may claim up to £3000 per year towards retraining. Claiming is quick and easy - simply complete an online claim and submit to your Education Staff prior to starting your course.

For more information visit

www.enhancedlearningcredits.com/serving-personnel/claiming-elc-personnel

Starting you on the *right path...*

Once you have completed the training programme it is our goal to set you on the path to employment by arranging an interview with one of our wind sector clients...

—
'Military 2 Wind' with 3t Survivex & Correll Group...

Just four weeks after completing the 3t Training Services 'Military to Wind' training programme, 29-year-old Jack from Barnsley landed his first wind role as a fibre-optic installer with Correll, the leading global specialists in offshore and onshore high-voltage cabling.



Scan the QR to read the full story



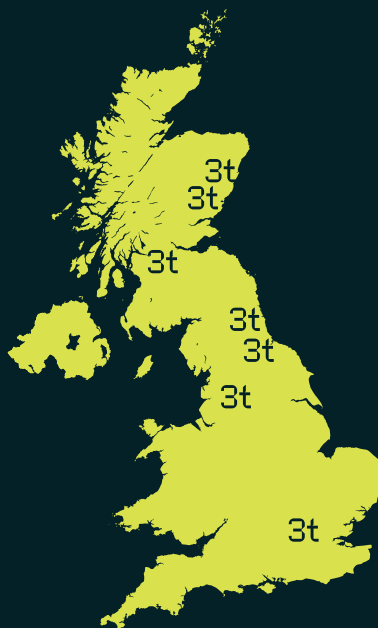
We are training the workforce of the future.

At 3t we are passionate and focused on enabling individuals to fulfil their potential, be better prepared and more confident in their job role to maximise their career opportunities.

Ultimately, we want to make the energy industry as a whole safer, smarter and more efficient through better training.

Ideally Placed.

We are the UK's biggest energy sector training provider with locations in London, Newcastle, Teesside, Dyce, Montrose and Aberdeen Quayside.



150k

Number of delegates trained each year.

600+

Number of training courses in our portfolio.

60

Expert training instructors with vast industry knowledge.



Ready to speak to the team?

Get in touch to learn more about our centres, our programmes and courses, or to discuss funding and finance options.

Contact us on:

—

0191 341 0248

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