



Pre course information

Course Title: working at height and rescue training – wind turbines

Aim

For personnel who need to access all areas of the wind turbine tower and nacelle. The course covers ladder access with use of most of the fall arrest systems used on wind turbines in the UK today. The course is also suitable for anyone who may be required to perform a ladder evacuation or evacuate others from areas of the wind turbine using industry approved equipment.

Introduction

Beginning with an introduction to UK working at heights throughout the day we will cover the different systems and process in use today on UK wind farms including transferring process from boat to foundation. During the first half of the day we will look closely at equipment application, checking, storage and use. After a short break we will begin the practical session cover three main climbing techniques used in the UK.

Day two will be spent looking at different situations where you may have to perform rescues. We will look at the recovery of others from ladders and how evacuations are performed from other restricted areas of the turbine.

Course Cost & Duration:

2 days

(6-8hr days)

Timing 0900-1700

(End time may vary depending upon candidate's knowledge)

Ration 1:4

Cost £350

Knowledge

As this is designed as an entry level course no knowledge is required

Content

Theory

- All working at height regulations and how they apply
- General safety requirements for work on WTG
- Procedures for accessing and working within the turbine
- Care and maintenance of equipment.
- Selection of the equipment
 - Restraint, work positioning, fall arrest systems.
- Suspension Syncope

Practical

- Safe use of Personal Protective Equipment
- Attachment anchors in WTG
- Correct use of a lanyard
- Ladder climbing - use of vertical safety systems
- Ensuring safety of self and others
- Rescue and evacuation techniques



Assessment

Assessment of all theory and practical courses run by NWFTC will be assessed by an individual deemed competent based upon specific criteria. This individual may be the trainer of the course or may be an independent assessor dependant on the course requirements.

Type of assessment:

This course will be based upon a three tier assessment strategy; this involves the following assessment processes.

1. Trainer observations during the course –ongoing assessment by the trainer of the learner’s abilities and attitude.
2. Key assessment criteria demonstrated – there is a key criterion that needs to be met for the learner to pass the course, this is will be explained clearly too all learners on the day.
3. Written test– An end of course test consolidating and evidencing all learning, a minimum of 60% is needed to pass the course

Pass / referred:

NWFTC’s aim is for all its learners to pass the course/s they attend, we do this by low trainer / learner ratios and experienced qualified professional trainers. However if the trainer finds the learner falling short of course standards, they will identify issues with the learner and support them through the course. If there is no improvement the learner will be referred from the course with an action plan written by the trainer for the learner’s future guidance.

If the learner is referred from the course due to attitude, fitness or unable to meet the required standards the full course fee is non refundable.

The learners will be advised whether they have passed or been refereed on the last day of the course. If the learner is refereed a conversation between trainer and learner will take place as soon as the trainer identifies this. This decision will be made by the trainer/assessor and will be based upon the three tier assessment strategy.

If the learner has been refereed they have the right to appeal the decision, please see appeals and complaints document for further details.

Fitness

This course is a physical training / assessment course with a minimum of 75% practical aspect. You will need to be able to ascend and descend numerous times, a minimum of a vertical 15 meter ladder whilst wearing appropriate personal protective equipment.

If you have any disabilities which may restrict you from doing this or have queries about the requirements please contact the NWFTC office to discuss your needs.

Equipment

All personal fall protection and specialist equipment will be provided to you. You will need to provide the following

- Appropriate clothing to climb in (we advise loose clothing which does not hinder your movement)



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- Any clothing appropriate to weather conditions (our training facility is exposed to the elements. Warm waterproof/windproof jackets are recommended.)

Please note: our training will continue whatever the weather other than lightning, unless the trainer deems it unsafe.

Certification

NWFTC ID cards will be issued on completion of the course and successful demonstration of knowledge. These cards are logged on our data base and can be verified by any Wind Farm site through calling our office with the NWFTC ID number.

Accommodation

Barrow in Furness has an array of hotels B &B's available to suit all needs, here is list of ones local to the training centre.

Barrie guest house

179 Abbey Road

Barrow in Furness

Cumbria LA14 5JP

+44 (0)1229 825507

The Duke of Edinburgh Hotel & Bar

Abbey Road, Barrow In Furness,

LA14 5QR

01229 821039

Majestic Hotel

Duke Street, Barrow In Furness, Cumbria

LA14 1HP

01229 870448

The Derby Hotel

246-248 Dalton Road, Barrow In Furness, Cumbria

LA14 1PN

01229 833363



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Location

Sat Nav information

Furness College
Channelside
Barrow-in-Furness
Cumbria
LA14 2PJ

Map link

<http://maps.google.co.uk/maps?q=54.11727,-3.242919&num=1&sl=54.115853,-3.242162&sspn=0.006295,0.006295&gl=uk&hl=en&ie=UTF8&ll=54.115974,-3.242168&spn=0.007421,0.01929&z=16>

Contact us

If you have any further queries please contact us in our head office

Tel: 01206 304464
Email: info@nwftc.org