

Intended for: For persons who are required to access and work on wind turbine generators. Includes the NARC Foundation for Work at Height syllabus plus content defined in the RenewableUK Approved Standard "Working at Height".

Introduction: Provides sufficient knowledge to allow a person to work safely in wind turbines. Contains the full content from the RenewableUK 2 day course. Also covered during the course are: 1 Day Hub Rescue, 1 day HSE approved Emergency First Aid at Work, Manual Handling considerations and Wind Turbine Lifting Hoist Operations, covering the basic requirements for operating / using an internal hoist / crane. Additionally covered are: The elements of a Safe System of Work, including equipment selection and inspection, use of tools, risk assessment, method statements and emergency procedures. Evacuations and rescues using industry standard equipment are practised at height.

CONTENT

Knowledge: All of syllabus TFP0 - Introduction to personal fall protection (WAHSA), plus:
General safety requirements for work on WTG.
Procedures for accessing and working within the turbine.
Selection, care and maintenance of equipment.
Restraint, work positioning, fall arrest systems.
Principles of continuous attachment.
Types of anchorage in WTG.
Suspension Syncope (formally known as trauma).
Emergencies, types of and action during.
Emergency First Aid at Work (the full HSE Approved syllabus)
Manual Handling Regulations 2002 - Manual Handling considerations.
Lifting Regulations (LOLER 1998)
Types of equipment used for evacuation and rescue.

Practical skills: Safe use of Personal Protective Equipment - Correct fitting and adjustment of harness - Correct use of Fall Arrest lanyards.
Ladder climbing - use of fixed vertical safety systems.
Rescue of a person from a ladder - assisted lowering.
Evacuation from the nacelle by suitable method.
Competent rescue of casualty after a fall. (roof area of Nacelle)
Rescue of a casualty from within the Hub area using a range of methods and equipment.
Casualty evacuation from within a blade.
Use of full and half stretcher.

Entry Requirements: Should be comfortable with exposure to height.

Medical Req: A self-certified statement of reasonable medical fitness will be required prior to attendance.

Assessment Method: The trainer will assess safety, competence and aptitude during practical work. Multiple choice written test with discussion.

Course Duration: 5 days **Candidate Ratio:** 1:4

Revalidation Period: Certification valid for 2 years.