



WIND TURBINE

About Rescue 3 Europe

Rescue 3 Europe develops state of the art technical rescue courses, providing internationally recognised accreditation for organisations and individuals operating in high risk environments.

As an international accrediting body, Rescue 3 provide up to date best practice guidance that is constantly evolving in line with new research and testing. All changes and developments of Rescue 3 courses go through a process of peer review and oversight by a steering committee made up of industry experts from all over the world.

Rescue 3 training providers deliver courses worldwide, in multiple disciplines, including: rope, water, boat, ice and confined space rescue. Our large suite of courses have been adopted by mountain rescue teams, wind turbine operators, fire and rescue services, ambulance teams, utilities providers, and military personnel.

Within each discipline, Rescue 3 accredited courses cover every level of operations, whether this is at an awareness level, avoiding risks and applying simple safe systems of work; or at more advanced levels where practitioners must acquire high levels of personal skills and understanding to access and navigate difficult environments.

For over four decades Rescue 3 has provided the standard for technical rescue training, offering guidance and support for maintaining best practice.





The course learning outcomes are provided as pre- and post-course reference for people involved in the delivery of Rescue 3 courses (eg Rescue 3 training providers, instructors and students). They are not to be used for any other purpose without the express written permission of Rescue 3 Europe.

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WIND TURBINE COURSES

Wind Turbine Operator (WTO)	5
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Wind Turbine Operator (WTO)

Course overview and target audience

The Wind Turbine Operator course is for workers operating in and on wind turbines. Wind turbines pose some special challenges: they are often in rural areas and/or are difficult to reach. Within wind turbines, workers face further challenges: workers are working in pairs or small groups, in difficult to reach and potentially confined spaces, where a rescue is a challenging task for co-workers and/or fire and rescue services. Therefore, people need to work as safely as possible at all times, following EU standards, national laws and regulations, and company-specific standards and procedures.

Due to its international relationships, where instructors face these challenges from different perspectives (safe working, fire and rescue), Rescue 3 Europe has developed the Wind Turbine Operator course to help organisations maintain high safety standards at all times. Rescue 3 Europe provides an agreed international certified training program to their training providers and instructors, to help them provide up to date information in this rapidly growing market of renewable energy.

Contact hours 12 hours (2 days)	Prerequisites Prior experience of working with ropes is recommended Minimum age: 18
Qualification valid for 3 years	Accredited by Rescue 3 Europe

WTO

Taught by

- Wind Turbine Instructor (WTI)

Assessment

The assessed elements of this course are:

- Foundation knowledge



Wind Turbine Operator (WTO) skill sheet contents

Theory	
1.	Rescue 3 philosophy
2.	Rope rescue training standards
3.	Worker safety and survival
4.	General hazards
5.	Medical considerations
6.	Personal equipment
7.	Technical and team equipment
8.	Dynamic risk assessment and incident size-up
9.	Incident management and site control
10.	Pre-planning
11.	Communications
12.	Lock-out, tag-out, try-out
Practical	
13.	Use of fire extinguishers
14.	Basic life support (including CPR and AED)
15.	First aid at height
16.	Introduction to ropes, knots and technical gear
17.	Anchor systems
18.	Placing rope protection
19.	Use of work restraint and work positioning equipment
20.	Use of different types of fall arrest equipment
21.	Use of lanyards and shock absorbers
22.	Emergency descending
23.	Rescue of a co-worker from fall arrest system
24.	Scenarios





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