



GWO Basic Safety Training

Basic safety training
for onshore and offshore wind energy



OffTEC – the best training for your personnel

Your ideal partner for comprehensive training and advanced training in the wind energy industry

OffTEC is your ideal partner for the professional training and advanced training of your employees. Our comprehensive training infrastructure makes it possible to carry out all the relevant safety training and training of technical skills at a single location. By using real technology and expert instructors we offer you practice oriented training courses to optimise safety at work for employees involved in the onshore and offshore wind sectors.

Our strengths:

➔ One location – all training courses

We organise all safety, rescue and technical skill training at one location. This ensures lower expenditure for organisation and logistics.

➔ Training as close as possible to the real thing

We ensure training that is as close as possible to the real thing, which is why we have our own training wind farm (with 2 SWT-3.6-120 and 2 SWT-3.0-101DD turbines) and our Maritime Training Centre, which specialises in training for work and conditions out at sea.

➔ Training in line with international standards and customer requirements

We carry out training on the basis of international standards such as GWO, STCW and OPITO as well as the applicable industrial and health and safety guidelines, at the same time adapting the courses to the individual needs of our customers. Before starting a course, we also advise our customers and co-ordinate the course content with them.

➔ Experienced instructors

We are proud of our qualified and highly motivated team of instructors, which is comprised of experts with many years of practical experience in the wind and maritime sectors.

➔ Partner network

We co-operate with strong partners from the training and education field and from the wind and maritime sectors.



GWO Basic Safety Training

Training for more safety

Basic safety training according to the Global Wind Organisation (GWO) standard teaches the course participants the basic knowledge and skills to be able to respond properly in an emergency and to improve their own safety and that of their colleagues through the correct use of their personal protective equipment and the emergency equipment provided at the place of work.

Bureau Veritas has accredited OffTEC as a certified enterprise for teaching all 5 GWO Standard modules.

The Global Wind Organisation (GWO) is an association of leading actors in the wind power sector whose aim is to improve work safety and prevent work accidents in the wind industry. The basic safety training standard developed by the GWO is based on the wind industry's risk assessments and accident statistics. The resulting guidelines describe the requirements for the basic safety training in the wind industry recommended by the GWO.

The GWO basic safety training does not include any technical safety training. This additional course may be mandatory in order to meet country-specific requirements or the needs of individual companies. The GWO recommends enterprise-specific basic safety training with a supplementary technical training course.

OffTEC also offers technical safety training courses, which we are pleased to combine with the GWO modules for our customers if they so wish. Just talk to us about it.

GWO Basic Safety Training is split into the following five modules:

Module	Basic training duration	Refresher training duration	Validity (years)
First Aid	16 h	8 h	2
Manual Handling	4 h	4 h	2
Fire Awareness	4 h	4 h	2
Working at Heights	16 h	8 h	2
Sea Survival	12 h	8 h	2

Individual GWO training courses or one-week GWO training blocks

You can book GWO modules as individual courses or as a compact one-week training block. We provide all courses at the OffTEC base in Enge-Sande. We will be pleased to determine your specific needs with you beforehand and

co-ordinate bespoke training packages with you to satisfy your requirements. This is how OffTEC ensures lower organisation and logistics expenditure for its customers.



All GWO modules at a glance

GWO First Aid

2 days, 16 teaching periods

Participants receive theoretical and practical training to teach them to administer safe and effective first aid in general, at work, and especially in wind turbines.



➔ Subject matter

- Legislation, risks and hazards
- Anatomy
- Rescue chain
- Immediate lifesaving action
- Use of AED (Automated External Defibrillator)
- Wound care
- Practical exercise scenarios

GWO Manual Handling

Half-day, 4 teaching periods

Participants receive theoretical and practical training to teach them the skills which will enable them to competently perform manual handling activities while also applying safety precautions.

➔ Subject matter

- Legislation, risks and hazards
- Spinal anatomy and posture
- Controlled lifting
- Risk control and lifting techniques
- Safe behaviour
- Practical exercise scenarios



GWO Fire Awareness

Half-day, 4 teaching periods

Theoretical training and practical exercise scenarios teach the participants the important basic knowledge about how to prevent fires occurring, how to evacuate in the event of a fire and how to extinguish a fire with the aid of standard fire extinguishing equipment.

➔ Subject matter

- Legislation, risks and hazards
- Ignition and spread of fire
- Principles of fire extinguishing
- Preventing/avoiding fire
- Fire extinguishing equipment in wind turbines
- Practical exercise scenarios



GWO Sea Survival

2 days, 12 teaching periods

Participants receive theoretical and practical training to teach them the important basic knowledge about safe behaviour and preventative measures that must be observed during normal work and in emergencies in all areas of offshore work.

➔ Subject matter

- Legislation, risks and hazards
- Hypothermia and drowning
- Lifesaving equipment and personal protection equipment
- Safe boat transfer
- Installations, ships and wind turbines
- Man overboard
- Search and Rescue (SAR) and Global Maritime Distress and Safety System (GMDSS)
- Practical exercises for survival at sea and boat transfer



GWO Working at Heights

2 days, 16 teaching periods

This course teaches the participants to properly use personal protective equipment against fall (PPE) properly for when working where there is a danger of falling from heights.

➔ Subject matter

- Legislation, risks and hazards of working at heights
- Visual inspection and functional test of the PPE
- Fall arrest safety systems using the PPE
- Suspension trauma
- Ascent and descent in a wind turbine
- Self-protection measures
- Rescue exercises using rescue equipment
- Scenario based practical exercises
- Emergency procedures
- Coordination with the rescue coordination centre/PMS



Additional individual training concepts to meet customer requirements are of course available on request. Just talk to us.

If you wish to book any courses or have any questions about our training programme please do not hesitate to contact us at info@offtec.de or on **+49 (0)4662 89127-0**.

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