Your safety, as standard

GWO at a glance
Standards Portfolio

Core modules

**Safety**
- First Aid
- Working at Height
- Manual Handling
- Fire Awareness

**Technical**
- Electrical
- Hydraulic
- Mechanical

Task specific modules

**Safety**
- Advanced Rescue
- Enhanced First Aid
- Sea Survival
- Slinger Signaller

**Technical**
- Blade Repair
- Installation

*In the zone*
GWO courses average 70% practical content, maximizing learning retention for students. For example, GWO Sea Survival comprises 82% practical (participatory) and 18% theory (passive) instruction.
The sweet spot where learning sticks

GWO training aims to achieve learning objectives using a standardised curriculum.

We all know what it’s like to attend a course. Sometimes you remember what you learned, and sometimes you don’t. The key is for lessons and teaching methods to work so learning objectives can be achieved with maximum effect.

A key principal informing this is illustrated by Edgar Dale’s ‘Cone of Learning’, which shows how much we tend to remember two weeks after we’ve completed a course.

**Passive: up to 70% learning retention**
The learning retention rate that can be achieved by different methods ranges from just 5-50% after two weeks for passive teaching methods based on what we read, see or hear. A lecture, reading assignment or viewing a demonstration of skills would fit into this group.

**Participatory: 70%-90% learning retention**
When students play an active role, their learning retention rises dramatically, says Dale. GWO training aims for this sweet spot when designing curricula so that learning objectives can be achieved with maximum retention potential.
Fourty-eight new training providers were certified during the first three quarters of 2019. Twenty-two of those were in countries outside Europe and the contribution made by companies in Asia/Pacific, Latin America, North America and Africa is increasing.

Driven by Brazil, Chile, Uruguay and Argentina, GWO training is now available at 16 locations across South America, with training providers completing almost double the amount of courses they provided in the previous half year.

Growth across every region
In Asia; training providers located in China, India, Taiwan and Thailand have also grown quickly, completing an additional 79% courses. In North America, training volumes rose by 65% and there are now over 3,000 people of American or Canadian citizenship with a valid record in WINDA (including merit).

With six training providers certified to date, the South African market is a beacon for the continent and just over 1,000 courses were completed in the first half of 2019 there.
Creating safety is about understanding risk
GWO members share risk information to create training standards.

The Top 25 Hazards & Risks was created by GWO as a framework for observing and monitoring risks in a dynamic way.

Of the top ten risks identified; six already have a corresponding GWO training module as a mitigating tool. Many will be addressed by new projects such as the new GWO Control of Hazardous Energy Standard (coming Oct 1 2020).

The methodology employed to create the Top 25 Hazards & Risks is qualitative; collecting insight from GWO members.

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<tbody>
<tr>
<td>Currently being reviewed</td>
<td>Slinger Signaller</td>
<td>Not covered</td>
<td>BST Working at Heights</td>
<td>First Aid/Enhanced First Aid</td>
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<tr>
<th>6. Ergonomic</th>
<th>7. Dropped/Falling objects</th>
<th>8. Transfer by Vessel</th>
<th>9. Falling at the same level: Slip and trip</th>
<th>10. Falling on different level, &lt;2m</th>
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<tr>
<td>BST (Manual Handling, WaH)</td>
<td>BST Working at Heights</td>
<td>BST Sea Survival</td>
<td>BST (various modules)</td>
<td>BST Working at Heights</td>
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<tbody>
<tr>
<td>Fire Awareness</td>
<td>GWO Advanced Rescue</td>
<td>Not covered</td>
<td>Not covered</td>
<td>Enhanced First Aid</td>
</tr>
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These 20+ respondents represent the pinnacle of industry environment, health and safety knowledge, coming as they do from the world’s largest manufacturers and owners of wind turbines.

Their input has allowed us to rank the top risks and hazards in a universal way.

One of the industry's greatest challenges is to normalise the way it reports safety information from company to company, country to country or even site to site.

However, the process of creating the Top 25 Hazards & Risks by agreeing common terminology sets us on a good path towards creating a truly universal system of data-driven decision making.
ABOUT GWO
Global Wind Organisation is a non-profit body founded by leading wind turbine manufacturers and operators, to create a safer and more productive workforce.

GWO members strive for an injury free work environment in the wind turbine industry, setting common international standards for safety training and emergency procedures.

FIND OUT MORE
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