

2020 COURSE INFORMATION FOR GWO ADVANCED RESCUE TRAINING



GWO recommends that decisions concerning the ratio of AR trained personnel is based on the employer's risk assessment and work specific characteristics. The basic elements to consider when determining the ratio of AR trained personnel are:

- The activities being undertaken (risk & complexity),
- Organizational limitations to ensure that the required AR trained personnel are available. Such as variations in the team's composition and size.
- The reasonably expected support of professional emergency responders, including availability of personnel trained for heights and their reasonable expected response time. The guiding principle when determining the required amount of trained staff, is that the emergency response time of a trained Emergency responder should be as small as is reasonable possible. In other words, if training additional employees in advanced rescue provides a significant reduction in response time, then GWO advises to train those additional employees.

To implement GWO ART, the employer will need to have the following:

- An integrated emergency response plan
- Sufficiently trained personnel
- Dedicated advanced rescue equipment

GWO Advanced Rescue Training supports the employer by mitigating numerous of common wind turbine emergency rescue related hazards, included but not limited to:

- Injured person getting stuck due to structure interference
- Use of improper anchor point for injured person transportation
- Ropes, slings and similar breaking due to sharp edges
- Improper rescue method and technique
- Physical shock, mental stress, exhaustion, fatigue due time-consuming rescue
- Challenging weather conditions for rescue: wind speed, extreme temperatures and alike
- Due to limited space difficulties to put harness and other rescue equipment onto an injured person and prepare the injured person for safe transportation
- Collision of injured person and vessel when delivering the injured person down to the vessel, due to vessel moving up and down
- Burns from contact HV-cables or hyperthermia during rescue operation
- Improper PPE of rescuer and/or placing improper PPE onto injured person
- Improper means of communication during rescue operation
- Improper positioning of turbine parts
- Movable parts of the wind turbine not locked properly etc.

Pre-requisites:

Co-requisites:

Pre-entry Requirements:

Description:

Wind turbines are increasingly placed in remote areas far away from established medical facilities – both offshore and onshore. The time from placing the emergency/distress call until the professional emergency responders arrive at the location is also increasing. Working in remote areas requires the wind turbine personnel teams to have a high level of self-reliance in emergency situations especially when it can be questioned if professional help can be expected in the nacelle of modern wind turbines, due to increasing heights and their limited skills to climb the turbine and perform the rescue from the turbine.

Content:

Units of Competency

GWO-ART-HUB GWO Adv Rescue Training - Hub Rescue

GWO-ART-NACELLE GWO Adv Rescue Training - Nacelle, Tower and Basement Rescue

GWO-ART-NTBR GWO Adv Rescue Training - Single Rescuer Nacelle, Tower & Basement

GWO-ART-HSIBR GWO Adv Rescue Training - Single Rescuer Hub, Spinner & Inside Blade Rescue

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December 2020

Date	Course	Start time	Finish time	Location
Wed 09	GWO Advanced Rescue Training	8:30AM	More than 1 day	Wingfield