

TRAINING

ADVANCED RESCUE TRAINING ART



CONAPRO since 2021 has been APPROVED by **SGS** for the delivery of the GWO ART Advanced Resue Training, for the Wind Sector established by the GWO (Global Wind Organization) and accepted by the Wind Sector as the Unique Standard that regulates the need Basic Training for Rescue tasks.

This Training Standard can be developed in several modules focused on Nacelle-Basement Rescue, and Hub-Spinner-Inside Blade Rescue.

Once the ART modules have been completed, attendees will be able to perform Advanced Wind Turbine rescue tasks.

The GWO ART course gives the option to take it in different modules:

- NACELLE, TOWER & BASEMENT RESCUE MODULE.
- SINGLE RESCUE: NACELLE, TOWER & BASEMENT RESCUE MODULE.
- HUB, SPINNER AND INSIDE BLADE RESCUE MODULE.
- SINGLE RESCUE: HUB, SPINNER AND INSIDE BLADE RESCUE MODULE.
- COMBINED ART MODULE

MÓDULOS:

1.NACELLE, TOWER & BASEMENT RESCUE MODULE (ART-N) 14h.

OBJETIVE:

The aim of this module is to enable the course participants to perform rescue operations, in a WTG hub, spinner and inside the blade by using industry standard rescue equipment, methods and techniques, exceeding those of GWO Working at Height

TRAINING CONTENTS:

- 1) Emergency Response Plan
- 2) Measures to prevent injury during training
- 3) Head Support During Rescue
- 4) Packaging the injured person
- 5) Lowering/Raising Rescue System
- 6) Evacuation from the Nacelle to the Base of the Tower
- 7) Rescue from Enclosed Space
- 8) Rescue from Crawl Space
- 9) Rescue Up

ADVANCED RESCUE TRAINING **ART**

2.SINGLE RESCUER: NACELLE, TOWER & BASEMENT RESCUE MODULE (SART-N) 4,5h.

OBJETIVE:

The aim of this module is to enable the course participants to perform single rescuer advanced rescue operations, in a WTG nacelle, tower and basement by using industry standard rescue equipment, methods and techniques, exceeding those of GWO Working at height.

TRAINING CONTENTS:

- 1) Individual rescue strategy
- 2) Measures to prevent injury during training /
- 3) Evacuation from the Nacelle to the Base of the Tower
- 4) Rescue from Crawl Space
- 5) Rescue Up

3.HUB, SPINNER AND INSIDE BLADE RESCUE MODULE (ART-H) 7h.

OBJETIVE:

The aim of this module is to enable the course participants to perform rescue operations, in a WTG hub, spinner and inside the blade by using industry standard rescue equipment, methods and techniques, exceeding those of GWO Working at Height.

TRAINING CONTENTS:

- 1) Emergency Response Plan
- 2) Measures to prevent injury during training
- 3) Head Support During Rescue
- 4) Packaging the injured person
- 5) Lowering/Raising Rescue System
- 6) Hub Rescue Exercise 1 & 2 (From Blade)
- 7) Hub Rescue Exercise 3 & 4 (From pinner)
- 8) Outside Evacuation of injured person

4.SINGLE RESCUER: HUB, SPIN- NER AND INSIDE BLADE RESCUE (SART-H) 4,5h .

OBJETIVE:

The aim of this module is to enable the course partici-

pants to perform single rescuer advanced rescue operations, in a WTG hub, spinner and inside the blade by using industry standard rescue equipment, methods and techniques, exceeding those of GWO Working at height.

TRAINING CONTENTS:

- 1) Estrategia de rescate individual
- 2) Measures to prevent injury during training
- 3) Hub Rescue Exercise 1 & 2 (From Blade)
- 4) Hub Rescue Exercise 3 & 4 (From Spinner)

5.COMBINED ART MODULE 20,5h.

OBJETIVE:

The aim of this module is to enable the course participant to perform injured person rescue operations in all stages: in a WTG hub, spinner and inside the blade, a WTG nacelle, tower and basement, by using industry standard rescue equipment, methods and techniques, exceeding those of GWO work at height.

TRAINING CONTENTS:

- 1) Emergency Response Plan
- 2) Measures to prevent injury during training
- 3) Head Support During Rescue
- 4) Packaging the injured person
- 5) Lowering/Raising Rescue System
- 6) Evacuation from the Nacelle to the Base of the Tower .
- 7) Rescue from Enclosed Space
- 8) Rescue from Crawl Space
- 9) Rescue Up
- 10) Hub Rescue Exercise 1 & 2 (From Blade)
- 11) Hub Rescue Exercise 3 & 4 (From Spinner)
- 12) Outside Evacuation of injured person



ART

ADVANCED RESCUE TRAINING

Center:

VENTUM
ACADEMY

Site:

Pol. Ind. Noain Esquiroz C/G Nave N°41
CP: 31191 Cedeja de Galar (Navarra).

To:

Specialist working in the wind industry or related areas
needing to obtain your certificate GWO ART.

Duration:

According to Module

Certification:

Awarded the Advanced Wind Turbine Rescue tasks

Program:

According to Module

**Facilities and
equipments:**

Covered space with two energized wind turbines where
the rescue will be carried out in the wind turbine area
indicated by the Module.

Validity:

ART-H & ART-N Modules and COMBINED ART MODULE:
24 Months
SART-H & SART-N: Does not expire.

**Modes of
delivery:**

CALL CLOSED COURSE:
Dates set by CONAPRO.

FREE COURSE:
Availability of dates to be determined with CONAPRO SL.
Training courses adapted to the need of Company/Students.

Quotation:

The rate of this course depends on the method and
impartment and the number of students attending.

**Contact
details:**

Contact details for further information are:
conaprosl@conaprosl.com
Telf: 948131878

