

TRAINING



CONAPRO since 2019 has been APPROVED by **SGS** for the delivery of the GWO BTT technical training Standard, (Basic Thechnical Training Standard) 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 technical tasks.

This training standard is composed of 3 modules Hydraulic, Electrical and Mechanical.

This BTT Training shall enable Delegates to be able to perform basic hydraulic, mechanical and electrical tasks under the supervision of an experienced technician.

This course will not make the Delegate a trained person who is allowed to perform mechanical work without supervision.



BTT MECHANICAL MODULE



CERTIFIED TRAINING PROVIDER / 2020

OBJETIVES

At the end of the training the student will be able to:

- Identify the main components of mechanical systems and basic operation of wind turbines
- Understand the risks and dangers associated with mechanics
- Understand the principles of bolted and welded joints and their inspections
- Acquire the skills to use the tools for measuring manual tightening.
- Acquire practice for the correct use of hydraulic tightening tools (torque and tension)
- Know the principles of the multiplier
- Know and understand the operation of brakes and their inspection.
- Know and understand the operation of the guidance system and its inspection
- Know and understand the operation of the refrigeration system and its inspection
- Know and understand the operation of the lubrication system and its inspection

COURSE PROGRAM

- Mechanical Introduction.
- Safety in the mechanics.
- Principles of screwed and welded connectios.
- Measuring and tightening tools
- Hedraulic Tighteninig (Torque & Tension)
- Brakings System
- Orientation System
- Refrigeration System
- Lubrication System
- Summary and Theoretical Exam
- Evaluation

BTT MECHANICAL MODULE

Center: CONAPRO

Located: Pol. Ind. Ampliación Morea Sur Nave D3
31.191 (Berain) Navarra.

To: Specialist working in the wind industry or related areas
needing to obtain your certificate GWO BTT MECHANICAL.

Duration: 14h.

Certification: Grants competition for use of safe and effective the
mecanic works in a wind turbine efficiently and without
risk of injury, according to the Standard GWO

Program: Theory: 10 h
Practice: 4 h

**Facilities
& equipments:** Covered space for practice
Training room with capacity for 20 students

Validity: Does not expire.

**Delivery
modalities:** **CALL CLOSED COURSE:**
Dates set by CONAPRO.
Minimum number of students required: 4
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
impartation and the number of students attending

Contact Us: Contact details for further information are:
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