

## GROUP III MAINTENANCE TECHNICAL TRAINING MIDDLE GRADE

# ELECTRICAL AND ELECTRONICAL TROUBLE SHOOTING ALARMS



### DESCRIPTION

Those professionals who are responsible for performing preventive maintenance or acting on the detection of small-scale breakdowns, both mechanical, hydraulic and electrical / electronic, need specific knowledge and skills. This group of courses offers a training battery that will increase their response capacity and train them with the knowledge and practical experience for their intervention.

\* To access this training at Ventum Academy it is an essential requirement to complete the four BST modules according to the GWO standard.

\*\* For this training it will also be necessary to have basic technical training according to the BTT standard, mechanical / electrical qualification or to prove two years of experience in maintenance in the wind sector.

### OBJECTIVES

In this course, participants will be able to locate all kinds of electrical and electronic faults. Learning the operation logic of a wind turbine and by monitoring the electrical diagrams, being able to detect and replace the components that present breakdowns (previously caused).

### CONTENT

- Detailed operation of all wind turbine monitoring systems and their operating logic.
- Handling of electrical diagrams, identification of the components in the electrical cabinet (Ground, Top and Hub), as well as the activation elements and activated elements and / or sensors.
- Safe procedure for replacing damaged items.
- Failure analysis of the detected damaged elements and their possible mode of failure and / or repair.

### PRERREQUISITES

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GWO BST FOR ALL FORMATIONS

Electrical qualification or Full GWO BTT Course  
or 2 years of experience on maintenance on  
wind turbines

- Theoretical training hours: 1 day
- Practical training hours: 4 days
- Total duration hours: 5 days
- N° of participants: 4
- Price per participant: 4875€
- Special pricing for whole groups.

