

## GROUP IV ADVANCED MECHANICAL-HYDRAULIC TRAINING

### UTC GENERATOR BEARINGS (UP TOWER CORRECTIVES)



#### DESCRIPTION

At Ventum Academy we reinvent high-level training through a series of advanced courses to equip those professionals responsible for mechanical-hydraulic operations with the knowledge, skills and real experiences of high added value and great technical complexity.

\* 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 qualification or to accredit two years of experience in maintenance in the wind sector.

#### OBJECTIVES

Performing the replacement of the generator bearings on turbine, coupling and opposite coupling sides.

#### CONTENT

- Detailed description of the operation, reviewing work instruction and risk assessment.
- Preparation of the necessary PPE, tool and special tools required for the operation.
- Basic knowledge of the type of bearing, characteristics, handling and lubrication.
- Replacement of generator bearing coupling side and Opposite coupling side.

#### PREREQUISITES

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GWO BST FOR ALL FORMATIONS

Mechanical qualification + GWO BTT course or  
Mechanical qualification + 2 years of experience on  
maintenance on wind turbines

- Theoretical training hours: 0,5 days
- Practical training hours: 2,5 days
- Total duration hours: 3 days
- N° of participants: 4
- Price per participant: 3035€
- Price per participant with full capacity of course: 2276,25€