Siemens Gamesa - SG Training Web

SE-P-50410

GWO BTT Mechanical

Purpose

The overall purpose of the course is to give the participants the knowledge and skills to carry out basic mechanical tasks (supervised by an experienced technician), using safe working procedures and the correct PPE. ,PPE,).

Who should attend?

The Basic Technical Training modules are targeted at candidates who have no previous experience of hydraulic, mechanical or electrical systems but may also be used to up skill candidates who have some knowledge but not of their application in wind turbines

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Objectives

1. Explain the main components, mechanical systems and the basic operation of wind turbines
2. Explain risks and hazards associated when working with mechanical systems
3. Understand the principles of bolted and welded connections and their inspection
4. Demonstrate practical skills to use manual tightening and measuring tools.
5. Demonstrate the correct use of hydraulic torque and tensioning tools
6. Explain the principles of a gearbox
7. Explain the function of the brake systems and demonstrate how to inspect them
8. Explain the function of the yaw system and explain how to inspect it
9. Explain the function of the cooling system and demonstrate how to inspect it
10. Explain the function of the lubrication system and demonstrate how to inspect it

Theory / Practice /
60% / 40%

Notes

WINDA is Global Wind Organization's new online training records database.
WINDA.
As Training Providers are required to upload a training record to your WINDA profile, you must register with a Delegate profile in WINDA.
WINDA,WINDA.
Go to https://winda.globalwindsafety.org and click register - and get more information.
https://winda.globalwindsafety.org,,.
You must provide your WINDA ID to the Training Provider so they can upload your training records.
WINDA ID,.
Validity
No Expiry

Export control

AL-Number: N
ECCN: EAR99