Siemens Gamesa - SG Training Web

SE-P-50430

GWO BTT Hydraulic

Purpose

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

Who should attend?

The course is intended for candidates who have no previous experience of hydraulic systems but may also be used to up skill candidates who have some knowledge of these areas in other spheres not specifically wind turbines.

Objectives

1. Explain the basics of hydraulics
2. Explain risks and hazards associated with hydraulic work
3. Explain the function of different types of pumps and demonstrate how to check start/stop pressure of a pump
4. Explain the function of different types of actuators
5. Explain the function of different types of valves
6. Explain the function of accumulators and demonstrate how to check and pre-charge
7. Explain the function of different types of sensors
8. Identify the components which transfer oil
9. Describe oil handling procedures
10. Identify and find different components on a hydraulic diagram
11. Demonstrate how to measure the hydraulic pressure accurately

Contents

Theory / Practice
60% / 40%

Notes

WINDA is Global Wind Organization's new online training records database.
As Training Providers are required to upload a training record to your WINDA profile, you must register with a Delegate profile in WINDA.
Go to https://winda.globalwindsafety.org/ and click register - and get more information.
You must provide your WINDA ID to the Training Provider so they can upload your training records.

Validity
No Expiry

Export control

AL-Number: N
ECCN: EAR99