

Siemens Gamesa - SG Training Web

SE-P-49430

SGRE 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

Theory / Practice

60% / 40%

Notes

This course is a non-GWO certified equivalent of the GWO Basic Technical Training, Mechanical module. No certificate in WINDA will be issued.

Validity

No Expiry

Export control

AL-Number: N/A

ECCN: N/A