

OBJECTIVES

The aim of this BTT Hydraulic Module 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.

This BTT Training prepares participants for further company specific training by providing them with the necessary training to perform basic hydraulic, mechanical, electrical, bolt tightening and installation tasks.

TARGET AUDIENCE

The Basic Technical Training modules are targeted at candidates who have no previous experience of hydraulic, mechanical, electrical or installation systems, or working with energy powered bolt tightening, but may also be used to upskill candidates who have some knowledge but not of its application in wind turbines.

ADMISSION REQUIREMENTS

- Minimum age of 18 years;
- Valid certificate of medical fitness;
- Valid BST Certificate and WINDA ID.
- Furthermore, personnel in the wind service industry must be able to read and write to a sufficient standard to be able to carry out instructions and complete the required documentation.
- It is an advantage if participants are able to read, speak and write English.

COURSE

- 1 Day
- Theoretical examination: 30 minutes
- Language: English

CONTENT

- Introduction to the training;
- Hydraulic Introduction;
- Hydraulic Safety;
- Pumps;
- Actuators;
- Valves;
- Accumulators;
- Sensors;
- Pipes, hoses and connections;
- Oil and filters;
- Hydraulic diagrams;
- Pressure measuring tools.

BTT HYDRAULIC MODULE

Doc : SA/BTT_H /003

Date: 22/05/2024

Rev: -

Page: 2 of 2

Practical Exercises:

- Pump exercise;
- Oil Transfer;
- Collecting an oil sample;
- Check oil sample;
- Identifying measuring points;
- Pressure measuring.

VALIDITY CERTIFICATE

The Basic Technical Training is an enduring qualification, so a validity period does not apply to this training.

PRACTICAL INFO

Maximum number of participants: Theory: 12 Practical: 8

We supply the following PPE:

- Harnesses
- Helmets
- Connectors (carabiners)
- Lanyards
- Ropes
- Accessories