

GWO Basic Technical Training (BTT) Hydraulic Module

Duration	1 day
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Target group	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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Prerequisites	Delegates shall have created a personal Delegate profile in WINDA and provide their own WINDA ID prior to completing the BTT training. Valid GWO WINDA ID: https://winda.globalwindsafety.org/
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Objective	<p>Having successfully completed the BTT Hydraulic Module, participants will be able to:</p> <ol style="list-style-type: none">1) Explain the basics of hydraulics2) Explain risks and hazards associated with hydraulic work3) Describe the function of different types of pumps4) Perform check of start/stop pressure of a pump5) Describe the function of different types of actuators6) Explain the function of different types of valves7) Describe the function of accumulators8) Perform check and pre-charge of accumulators9) Describe the function of different types of sensors10) Recognise the components that transfer the oil11) Describe the handling of oil procedures12) Recognise and find different components on a hydraulic diagram13) Perform the accurate measurement of the hydraulic pressure
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Contents	BTT covers knowledge and skills to carry out basic mechanical, electrical and hydraulic tasks (supervised by an experienced technician), using safe working procedures and the correct PPE.
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Exam	
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