



GWO BTT Installation Mechanical & Electrical Combined

Book at maersktraining.com

AVAILABLE LOCATIONS

Natal, Newcastle

AVAILABLE LANGUAGES

Danish, English, Portuguese, Spanish

DURATION

2 days

The GWO BTT Installation Mechanical & Electrical Combined module prepares you for safe and effective work on wind turbine installations. You can take this course fully face-to-face or as a blended programme, starting theory online before practical sessions at the training centre. You'll need to complete the e-learning within 28 days before your practical training and upload valid ID and your WINDA number for identification.

Essential Information

Prerequisites

Before attending the BTT Installation module, you must have completed both the BTT Mechanical and BTT Bolt Tightening modules.

Who is it for?

This training suits those new to hydraulic, mechanical, electrical, or installation systems, and those unfamiliar with energy-powered bolt tightening. It also helps upskill candidates with some knowledge but no wind turbine-specific experience. New technicians entering wind turbine installation Candidates seeking to upskill in installation practices Personnel involved in mechanical assembly and completion

Assessment

You'll be assessed through direct observation and oral questions during practical tasks to check your understanding. There's also a written phase test covering the learning objectives to confirm your knowledge.

Certification

After successfully completing the course, you'll receive a GWO BTT Installation Mechanical & Electrical Combined certificate. This qualification is valid indefinitely and recognised worldwide within the wind energy sector. It's issued under the Global Wind Organisation standards.

Course content

- **Introduction to Installation**

Overview of module scope, safety, and emergency procedures.

- **General Onsite Procedures**

Standard practices for working in various installation environments.

- **Handling and Storing**

Techniques for managing materials and components safely.

- **Lifting Operations**

Training in safe and efficient lifting techniques and equipment usage.

- **Main Component Preparation and Assembly**

Step-by-step guidance on pre-assembly, assembly, and mechanical completion.

- **Principles of Hydraulic and Electrical Completion**

Understanding and applying key principles for operational readiness.

Key Learning Objectives

01 L01 – Explain the module scope, safety requirements, and emergency procedures.

03 L03 – Apply safe techniques for handling and storing materials and components.

05 L05 – Identify and apply principles of hydraulic and electrical completion.

02 L02 – Demonstrate standard onsite procedures for various installation environments.

04 L04 – Perform main component preparation, assembly, and mechanical completion.