



European Qualification Profile

4. Commissioning of the wind turbine

1. Production

2. Transport

3. Installation

4. Commissioning

5. Plant operation

6. Maintenance and
trouble-shooting



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General assignment: Following erection of the turbine and the installation of all components the commissioning process is structured as a final quality control procedure and is focussed on putting the turbine into operation. The commissioning procedure is followed by a trial run of a duration determined by contract. After successful trials the turbine is handed over to the customer

Description/Scope of the assignment: The final functional check covers all hardware and software components and systems and all installed instruments. Comprehensive knowledge of all aspects of turbine design is required

Key sub-assignments: The key sub-assignments have been classified as follows:

- 4.1 **Carry out final checks (“electrical-mechanical walk-down”) in accordance with manufacturer’s specifications**
- 4.2 **Connect voltage to the turbine**
- 4.3 **Start-up the machine**
- 4.4 **Compile list of non-delivered, missing items**
- 4.5 **Carry out a test run**
- 4.6 **Hand over to customer/operator**
- 4.7 **Deliver product customer training as specified in the contract**