



European Qualification Profile

2. Transport of wind turbines

1. Production

2. Transport

3. Installation

4. Commissioning

5. Plant operation

6. Maintenance and  
trouble-shooting onshore

7. Maintenance and  
trouble-shooting offshore



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**2** **General assignment:** The transport of wind turbine components to the erection site is a special branch of heavy goods transport. The major challenges arise due to the size of the components and the need to meet delivery targets and align these with erection and installation schedules and availability of equipment on site

**Description/Scope of the assignment:** In the main the assignment is a managerial task (2.1) demanding high levels of coordination and the capacity to develop safe and economic delivery procedures. The transport operation itself (2.2) places high demands on individual drivers requiring them to continuously be aware of potential hazards.

The profiles below focus on road transport. Transport to offshore sites is a similarly structured assignment with logistics assignments focussed on harbour facilities.

**Key sub-assignments:** The following key sub-assignments have been classified and specified in the job profiles below

**2.1** **Provide logistics management**

**2.2** **Conduct transport operation (driver activities)**

## Job profile

### Process stage 2 Transport of wind turbines

#### Work assignment

#### 2.2 Conduct transport operation

#### *Description*

The transport operation is conducted via a pre-defined route between the production site/depot and the erection site of the wind turbine and demands high driving skills and permanent attention to a wide range of factors influencing the operation.

#### *Scope*

The assignment is grouped into 3 sub-assignments:

1. Collection and loading at depot
2. En route
3. Delivery and unloading on site

## Requirements

	<i>Knowledge</i>	<i>Skills</i>	<i>Competences</i>	<i>EQF-level</i>	<i>NQF-Reference</i>
<b>2.2.1 Collection and loading at depot</b>	<ul style="list-style-type: none"> <li>- Know the appropriate protocol when reporting to depot.</li> <li>- Knowledge of safe loading off loading principles and the need to use the correct PPE, by country/site, and the correct equipment when fastening or loosening loads, i.e. working at height regulations etc.</li> </ul>	<ul style="list-style-type: none"> <li>- The ability to follow site rules and directives.</li> <li>- The ability to work as part of a team</li> </ul>	<ul style="list-style-type: none"> <li>- Interpersonal skills and the ability to communicate in the appropriate manner, and follow specific instructions.</li> <li>- The relevant health and safety qualifications appropriate to the job</li> </ul>		



<p><b>2.2.2 En route</b></p>	<ul style="list-style-type: none"> <li>- Knowledge of safe and secure legal transportation of specific WT components, by country</li> <li>- Know the delivery conditions per country and prevailing site conditions prior to final delivery</li> <li>- Knowledge of specific WT weights and dimensions being transported</li> <li>- A thorough knowledge of Health and Safety and the ability to identify unsafe working conditions in both specific terms and when prevailing weather conditions may become problematic take appropriate action</li> </ul>	<ul style="list-style-type: none"> <li>- A safe working knowledge of the countries highway codes.</li> <li>- A working knowledge of the appropriate signage to be displayed during transportation.</li> <li>- Be aware of the designated route and any hazards that may arise, considering daily updates of road works etc that may delay transportation or become problematic on consecutive runs due to the adverse loads of the WT components.</li> <li>- The ability to recognise any problems with the load being carried and how to safely remedy the problem without injury to self or</li> </ul>	<ul style="list-style-type: none"> <li>- Interpersonal skills and the ability to communicate in the appropriate manner, and follow specific instructions.</li> <li>- A safe working knowledge of the countries highway codes</li> <li>- The ability to assess safe transporting conditions, in particular the state of temporary access roads in connection with the actual loads being carried and the need for adequately spaced/sized hard standings for off loading.</li> <li>- The relevant health and safety qualifications appropriate to the job</li> </ul>		
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		<p>damage to component</p> <ul style="list-style-type: none"> <li>- The ability to understand the risks of working in adverse weather conditions.</li> <li>- The ability to work as part of a team.</li> </ul>			
<p><b>2.2.3 Delivery and unloading on site</b></p>	<ul style="list-style-type: none"> <li>- Know the appropriate protocol when reporting to site</li> <li>- Knowledge of safe loading off loading principles and the need to use the correct PPE, by country/site, and the correct equipment when fastening or loosening loads, i.e. working at height regulations etc.</li> </ul>	<ul style="list-style-type: none"> <li>- The ability to follow site rules and directives</li> <li>- The ability to understand the risks of working in adverse weather conditions.</li> <li>- To understand his/her limitations and to take appropriate planned rest breaks on route.</li> <li>- The ability to work as part of a team.</li> </ul>	<ul style="list-style-type: none"> <li>- Interpersonal skills and the ability to communicate in the appropriate manner, and follow specific instructions.</li> <li>- The ability to liaise with site personnel, crane drivers and banksmen. To safely off load WT components</li> <li>- The relevant health and safety qualifications appropriate to the job</li> </ul>		