



Inspection, repair and maintenance of wind turbine rotor blades

The alternative energy, including the wind power, gains an increasing importance in the world and demonstrates a rapid development. With each passing year it increases the demand for qualified professionals in wind turbine rotor blade servicing and maintenance. Considering this tendency, the training center IQTC offers a wind turbine rotor blade inspection, repair and maintenance training course.

The aim of the course

To prepare fully trained and qualified specialists in wind turbine rotor blade inspection, repair and maintenance. To acquire the methods of inspection and repair of constructions made of composite materials on the basis of the polymer matrix.

Course content

- ▶ Manufacturing technology of the wind turbine rotor blades
- ▶ Maintenance and classification of the used materials
- ▶ The technologies and materials used in performing the repair work
- ▶ The necessary safety measures, while organizing the work
- ▶ Working at height
- ▶ The use of the individual safety equipment, the operation of the safety devices, the cooperation and the actions to take in response to emergency situations
- ▶ Electrical safety for non-electrotechnical personnel (EuP)
- ▶ Practical classes
- ▶ Exam



Target audience

This course is meant for everyone who intends to work in the industry of the alternative energy supply, particularly - the wind power supply, and for everyone who intends to specialize in the maintenance and service of the wind rotor blades.

Prerequisite skills and knowledge

To apply for this course participants must have a completed basic education (preferably vocational education in such specialties as mechanics, joinery, boat mastery, painting or varnishing) or an experience in the fields of work with composite materials made of fiberglass. The next stage of selection – an interview, during which skills of installation works, understanding of technical details, suitability to work in high altitude and experience in the handling of the electrotechnical equipment will be estimated. Knowledge of English or German language is mandatory.

Issued documents

After successfully completing the study courses and passing all the necessary exams, a trainee receives a certificate issued by TÜV Rheinland Akademie.





Course duration



174 academic hours

Price for the course

3242,80 €

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