



**Job Title:** Wind Turbine Blade Engineer

**Job Type:** Permanent

**Start date:** Asap

**Location:** Edinburgh

**Salary:** According to experience

#### **Job Description**

ACT Blade Ltd develops and commercialises the ACT Blade technology, a game-changing lightweight wind turbine blade. At this stage, the company is developing its first product based on its patented technology.

ACT Blade is looking for a Wind Turbine Blade Engineer, with proven experience in design and manufacturing wind turbines blades all the way from concept design to production through detailed design, prototyping, testing and certification; delivering large composite technology development projects from R&D to production. It would be preferred if the candidate will have experience in light-weight flexible structures and fluid-structural interaction problems, blade certification process, manufacturing optimisation and cost-cut.

The candidate must have good attitude to carry out challenging tasks and be flexible with good communication skills and entrepreneurial mentality.

#### **Key responsibilities**

- As part of the ACT Blade R&D team, the Wind Turbine Blade Engineer will be responsible for:
  - Manage the ACT Blade product development through the various phases
  - Look to increase efficiency of product and manufacturing process
  - Define and maintain design and testing requirements documentation
  - Communicate effectively with colleagues, suppliers and partners
  - Ensure project phases are delivered to standards to cost and budget
- Ability to make decisions and solve problems (problem solving and decision making ability)
- Propose innovative solutions

#### **Basic Requirements**

- Bachelor's degree (BA/BS) from a 5-years university or MSc equivalent in Mechanical/ Aerospace/ Material Engineering.
- A minimum of five years as wind turbine blade engineer with proven experience in design and manufacturing wind turbines blades all the way from concept design to production through detailed design, prototyping, testing and certification
- Some experience with the analysis of composite materials and Composite Structures
- Must be fluent in English and able to write reports
- Ability to integrate in a dynamically evolving team

#### **Preferred requirements**

- Composite structure design for light and flexible structures
- Aero-structure interaction

To apply, please send an introduction letter and your cv to Dr Sabrina Malpede [s.malpede@actblade.com](mailto:s.malpede@actblade.com).