

## **Seeking an innovative Composite Engineer to help expand field service offerings and improve manufacturing processes.**

### **JOB DESCRIPTION:**

Composite Engineering ○ Engineering Documentation

Create Level II (Process Flow) and Level III (Work Instruction) documents

Work with Quality Department to combine quality plan with Level III documents

CAD models and Drawings (Solidworks)

Design & Analysis ■ Assist with engineering calculations for blades, tooling, fixturing, etc Understand blade loads and apply to blade designs

Blade Service ○ Represent high technology standards of company in the field

Understand the requirements of the customer (internal/external)

Create an inspection plan to look at suspect blades as well as a random sampling of blades

Produce inspection reports and provide relevant data to the customer ■ Condition of the blades inspected

Extrapolate to estimate the condition of all the blades in the park

Work with customer to develop a service plan going forward

Onsite Engineering Support for Service group ○ Root cause analysis of a blade failure

Process flow documents for blade repairs

Engineering Reports

Turbine enhancements-Develop products that enhance the turbine's performance and reliability ○ Pitch angle mis-alignment and solution

Vibration Analysis and solution

Advance non-destructive evaluation (NDE) capabilities ○ Thermal Imaging

Infrared Imaging

Ultra-sound

Real-time X-ray analysis

• Perform miscellaneous duties, tasks & projects as needed

### **REQUIREMENTS:**

• **WIND ENERGY EXPERIENCE REQUIRED.**

• BS or BE in a related engineering discipline. MS a plus.

• 3-5 years composite experience

• 2-3 years wind energy experience

• Travel up to 60%

• Willingness to work at heights and in tight spaces (Not acrophobic or claustrophobic)

• Flexible work hours/days

### **BENEFITS:**

• 100% PAID Medical, Dental, Chiropractic & Long-Term Disability for the employee and 50% coverage for dependents after 60+ days

• Vision & Cafeteria Plans available after 60+ days

- 10 Vacation Days Annually
- 6 Paid Holidays Annually
- 401k Retirement Program with employer contributions after 6 months
- Educational Assistance Programs
- Employee Assistance Programs
- Professional working environment with a growing organization and staff!

**CONTACT INFO:**

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