



Brad Fowler

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Kingston upon Hull

SUMMARY

Experienced Blade Repair Technician with a wealth of knowledge in wind turbine maintenance and repair, specialising in internal and external blade inspections, resin infusion processes, and fibreglass moulding techniques. Demonstrated leadership as a Team Lead Blade Repair Technician, overseeing complex projects and ensuring adherence to safety standards. Proven expertise in non-destructive testing, fault finding, and diagnostics. Committed to sustainable energy solutions with a strong focus on quality control and technical reporting. Career goals include advancing within the renewable energy sector to further contribute to innovative and sustainable energy solutions.

SKILLS

- Precise reporting technique
- Safety inspections
- Results-Driven focus
- Technical reporting
- Critical thinking in repairing
- Resin infusion process
- Quality Control
- Sustainable energy passion
- Control systems understanding
- Fibreglass moulding techniques
- Stress tolerance under pressure
- Risk Assessments
- Non-Destructive testing
- Fault finding and diagnostics
- Decision making capacity
- Crane operation
- Safety management
- Nacelle servicing
- Technical maintenance
- Structural analysis
- Prototype development

WORK EXPERIENCE

01/2024 - Current

Blade Repair Technician

GEV Wind Power | GLOBAL

- Internal inspection of G145 SGRE Turbine
- Internal Blade Inspection
- Bearing & Tourque Systems Testing
- Continuity Testing
- Web Sustainability
- External inspection Via LT UAS Drone
- Anti-icing

09/2023 - 12/2023

Blade Repair Technician

GEV Wind Power | UK/EU/USA, US

- USA North America Projects - Milligan Windfarm, onshore
- Executing Repairs on 2 man platforms, some inspection of blades also (SGRE G145)
- Performing of the rigging, initial set up of the repairs working together in team of 4
- LOTO demonstrated and now hoping to progress on to achieve TSWA

04/2023 - 08/2023

Lead Blade Technician

GEV Wind Power-Belgium | Belgium

- Offshore major projects- Web Wrinkle Repairs Blade Campaign
- 2/2 on/off Rotations, accessing assets by CTV

07/2022 - 10/2022

Team Lead Blade Repair Technician

JHD BROTHERS Ltd. (Subcontracted) Nordex | Kalajoki, Finland

- Lead Technician in Cat 4 & 5 Repairs on Delta 4000 Nacelles and N163 Blades within Scandinavia
- Working closely with principal contractors to facilitate the working conditions needed to provide the best possible solutions
- Conducting Inspections and Reports of the N163/5.X Blades upon arrival at the port of Kalajoki
- Responsible for carrying out the initial inspection and Reports on the Delta4000/Blades when also delivered to site for installation
- Daily Site briefing with Nordex Management, preparing & conducting Toolbox Talks to be signed by myself and the Technicians with overall explanation of scope of works
- Updates on weather conditions hourly & Covering HSE requirements
- Setting up 3 man Radio linked to the Main Site Compound

- Roof-mounted turbine servicing
- Leadership potential

CERTIFICATIONS AND LICENSES

- TSWA ZERO ENERGY DD, LOTO , Isolations
- Vestas Online Profile
- Nordex Approved GO Contractor
- Full SGRE Profile
- Full GWO BST
- HSE CITB CSCS / CCNSG
- RUK Medical & Chester step Test
- Arc Flash Safety Certificate
- GWO Enhanced First-Aid
- GWO Slinger/Banksman
- Full UK Driving License, 03/01/18
- Scissor Lift, 06/01/17 to 06/01/20
- LEEA Slinger/Banksman, 02/01/19, 02/01/22/ 17/10/2024
- British Passport, 01/01/19, 01/01/29
- LEEA crane operator, 40 TONNE Gantry 03/01/19, 03/01/22, 20/10/2024

- Completing DPR's, Daily Site Permits for working at heights, hot works etc
- Ensuring the following of RAMS, COSHH when working with resin
- Preparation of the Materials, tooling and equipment needed to complete the repairs
- Carrying out the scheduled works with the team following work instructions/Lamination Plans provided by the client
- Ensuring the highest standard of safety for the work specified with good observations
- Final sign off, IRF, Repairs following a detailed report to be submitted to Nordex Blade service support for review
- Recommendation Available upon Request by HSE Manager Nordic Region
- Valid Tax Number for Finland

01/2022 - 07/2022

Electrical Technician

I-MIST LTD | Kingston upon Hull, UK

- Day to day job is production control systems for Domestic & Residential fire sprinkler suppression
- Controlled by PLC which I have had extensive training on, the programming, design and implementation
- Working within a small team of 2, crafting of the control unit from back plate we would then begin to fully test & commission the Panels
- Following guidelines of the BS:7671 For Electrical Wiring/installation
- Testing and commissioning Experienced
- Conducting the initial QA/QC
- Systems activation and applied diagnostics, sensor water pressure levels, Retrofits, and Mechanical pressure/alignments
- Troubleshooting & Fault-Finding Experience

11/2018 - 12/2019

Wind Turbine Technician

MHI Vestas Offshore Wind | Newport, UK

- Working on the V164 9.0MW wind turbine blades, carrying out repairs and any defects which could affect the strength and sustainability of the blade
- HSE Rep for finishing segment -Tasks which are commonly found are;
- Fibreglass repairs found on the blade surfaces, cut and grinded out following wet layup using Ampreg Epoxy resins geometry restoration
- Epoxy Infusion repairs
- Cutting/grinding of Leading Edge & Trailing edge, laminations
- Fibreglass mat UD/BIAX repairs
- Gel coating, Ardodine bonders for air pockets and pinholes
- LPS,LEP,, reinstatement
- Root milling of fixing spears
- Aradine gluing where required
- Application of Sika-force
- Sanding of surface before/after any repair
- Continuity testing
- Lighting mesh repairs
- 10-20m full tip repairs, building up from carbon layers outwards
- Spot repair paint

01/2016 - 09/2018

Blade Repair Technician - Finishing Seg.

Kingston upon Hull, UK

- My career has focused on the manufacture and service of Wind Turbine Blades
- I have benefited from gaining experience and skills within many different settings, of the Lay-up, Assembly, Finishing, Inspection, and Repair of composite structures
- I am skilled with Resin Infusion and Wet Lay-up laminating techniques

- I am able to select, plan, implement and document repair methods successfully
- SGRE is subject to working on the production of the B75/81-meter wind turbine
- Defects or damages that potentially could affect the strength and sustainability of the B75/81
- Carrying out repairs in the finishing segment requires me to work in a very challenging environment which are both physically and technically demanding
- I am required to use high voltage power tools of which I have received efficient training on
- For example, orbital sanders & Grinders
- Another aspect of my role is to work with epoxy resin and isocyanate harder chemicals that are used to restore the geometry and cover fibreglass lamination repairs

05/2015 - 12/2015

Bricklayer/Plasterer

Brick Baron Ltd | Kingston upon Hull, UK

- Part on site work and college education, with brick baron ltd
- I was involved in large housing and commercial developments in Hull and the surrounding areas
- As part of my college education I enrolled onto a NVQ in bricklaying, joinery courses which was 3 days per week

EDUCATION

2024

CST SMSTS | Hull

Certificate of Higher Education: Project Management - RNWBL

2017

Hull College | Kingston upon Hull

Certificate of Higher Education: Composite SGRE Blade No Exp

12/2015

Hull College | Kingston upon Hull

GCSE

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