




VINODKUMAR HIREMATH

Assistant Manager – Projects, Ohmium Operations Ltd.

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Summary: Experienced Assistant Manager – Green Hydrogen Projects, with 8.8 years in renewable energy, currently leading green hydrogen projects in Spain. Proven track record in project management, commissioning, and leadership. Quick learner, individual contributor, motivated, and dedicated to driving innovative solutions and achieving significant milestones.



Work Experience

Company: OHMIUM OPERATIONS PRIVATE LIMITED **Period:** 01/08/2022 to till Date

Department: Field Services and Product Support

Role: Assistant Manager/ Staff Engineer – Green Hydrogen Projects.

Roles and Responsibility:

- Leading green hydrogen installation and commissioning projects ranging from 300 kW to several megawatts.
- Involved in the build and assembly of PEM electrolyzers in collaboration with the stack team.
- Assembled modular and scalable electrolyser systems, including RO water cabinets, glycol cabinets, power cabinets, and hydrogen cabinets.
- Participated in customer meetings and discussions with third-party suppliers.
- Oversaw and successfully passed UL and CE testing for PEM electrolyzers with testing team.
- Manage a team through clear goals and objectives
- Develop and implement strategies to maximize electrolyzer performance through strategic and consistent maintenance activities
- Optimize workflows to efficiently manage service level agreements and Refine electrolyzer I&C processes to ensure timely availability of hydrogen
- Implement and refine training programs to establish and maintain field personnel proficiencies
- Work with SCM and operations team to setup warehouse facilities and 3PL stores in multiple locations.
- Create and implement best work practices and train the team to adhere safety work culture
- Implemented logistics and reverse logistics to ensure efficient spare parts flow and established a refurbishment setup at the factory.
- Prepare reports covering tasks, risks, opportunities, and milestones.
- Led Red Zone meetings and coordinated with multiple departments to expedite the completion of pending tasks and address parts shortages efficiently.
- Identified issues or challenges in the product and converted them into Engineering Change Notices (ECNs) to resolve them for both current and future products.
- Developed onboarding materials, work instructions, safety Manuals, operational guides and troubleshooting guides for Ohmium products.
- Collaborated with SCM and finance to secure field service tools and heavy equipment.
- Contributed to customer relationship building by participating in meetings with sales and partners.

Notable Milestones at Ohmium:

- Led the successful commissioning of Ohmium's first PEM Electrolyser system at a customer site.
- Worked closely with Global Service director, Customer directors for a year to gain valuable leadership experiences.
- Built field service processes & team training from scratch, co-leading Microsoft Dynamics adoption with Operations Manager.
- Led Ohmium's team to achieve Europe's first Hydrogen Bubble production.
- Led the successful implementation of ECN, ECR, and FUN processes in Spain, fostering collaboration for optimal efficiency.

Company: Vestas Wind Technology Pvt LTD

Period: 13/05/2019 to 21/07/2022

Department: Field Services

Role: Field Service Engineer – Customer Services

Roles and Responsibility:

- Handled the overall tasks of wind farm Operation / Service / Maintenance / Troubleshoot / Installation / Dismantling / Commissioning / Decommissioning / Repair & Replacement in various kind of wind turbines as per the Work procedures, Occupational Health, Safety, Quality standards to perform the Service Operation and Maintenance in timely, efficiently and safe manner.
- Actively participate in key project meetings when required, including Kick Off Meeting (KOM), customer coordination meeting, Pre-Inspection Meeting and Design Review Meetings.
- Organizes and Participates in Technical and progress reviews of projects. Familiar with organization procedures and international standards and codes.
- Experiencing in depth understanding in troubleshooting the WTG systems like Electrical, Mechanical, Hydraulics, Electronics System, Control systems, system architectures and Grid structures.
- Regularly Focus on the WTG Downtime, availability, MTBI, MTBF, Capacity factor, Lost production factor, yield factor, power factor, and ensure e safety equipment are functioning properly and provide the solutions for the issues.
- Frequently monitor the Wind Turbine alarms, warnings, Turbine monitoring alerts, Safety alerts, HSE alerts, Continuous Improvement Management – CIM cases, Turbine software changes, technical parameter changes, if any and solve those issues.
- Performing the Predictive Analysis, Root Cause Analysis, why analysis, Failure mode effects analysis, Corrective and preventive action for accurate determination of failure mode and solve the existing technical issues by the help of turbine history and its SCADA Data to do proactive activities.
- Proficiency in Vestas Technical documentation, Vestas Online Kit, Vestas Global advisor, Vestas Info sheet, Vestas Turbine Monitoring systems, Vestas VPMI, etc.
- Conducting regular tracking and meetings with the team by Tools box talk, Task briefings, and HSE alerts or messages as per the 5S, and maintaining the Lean management for overall tasks.
- Improvisation in performance and reliability, maintenance/operations of a wide spectrum of equipment and components of energy assets. Creation of Missing Work Instructions, Job safety analysis, as per the Health, Safety and the Quality management standards.

Special task Lead India: -

- CIM 4271, V110 & V120 blade Upgrade Lead Pan India-2020 to 2022.
- V110, V120 HV transformer replacement Specialist without crane technology-2020.
- V110, V120 HV transformer room fire Protection blanket installation Specialist, -2021.
- Part of the team Demonstrated in Non routine de-erection activity of 2MW turbine-2021.
- V110, V100 ZF Gearbox replacement activity in 2022.

Company: Kalpa Elektrikal Private Limited

Period: 17/03/2018 to 06/05/2019

Department: Production and Quality

Role: Electrical Engineer

Roles and Responsibility:

- Oversee transformer testing, CT, and PT production, ensuring strict adherence to quality standards and regulations.
- Coordinate manpower allocation and work schedules, updating and managing work orders for seamless operations.
- Utilize extensive experience in transformer testing to conduct comprehensive assessments, ensuring compliance and product reliability.
- Engage in technical discussions with designers to contribute expertise in core selection and optimize copper winding turns for improved performance.
- Maintain detailed documentation and generate comprehensive reports to track progress and facilitate informed decision-making for future projects.

Company: Suzlon Energy Limited

Period: 01/10/2015 to 16/01/2018

Department: Customer Services

Role: Operation and Maintenance Engineer

Roles and Responsibility:

- Continuous monitoring of key parameters for like LPF, MTBI, Yield Monitoring the performance of WTG.
- Committed to fulfil the various KPI's related to site activities like Safety, HSE reporting, Calibration of Tools & PPE's etc. by inspecting them on regular basis.
- Proactively identifying areas of obstruction/breakdowns and take steps to rectify the equipment's through application of trouble shooting tools.
- Evaluating and preparing Customer reports, Site Monthly and Weekly reports on regular basis.
- Knowledge about overall Electrical, Electronic, Mechanical, Hydraulic system components which governs the operation and control of WTG like Controller, Meteorological equipment, Switch gears, Relays, contactors etc.
- Replacement of major Components (Generator, Blade bearing, Yaw gears and Transformers)



Education Details

1. Degree: Bachelors in electrical and Electronics Engineering
University: Lincoln University of Malaysia

Period: 15/09/2022 to 10/09/2024
Location: Darul Ehsan, Malaysia



Certifications

- H2/O2 Safety for Electrolyser – WHA International Inc.
- NFPA 70E Standard for Electrical Safety in the Workplace Training program
- CPR/AED/First Aid Training Organized by St. John Ambulance
- Hydrogen and Fuel cell Engines Technology by U.S. Department of Energy (DOE)
- Confined space Training.
- GWO – Work at height, Hub rescue, Nacelle Rescue.
- IN_ALL-D-V110 Installation D level @Chennai.
- IN_ALL-D-V110 Installation C level @Chennai.
- Basic WTD Service “D” level technical training @Chennai.
- Operation of Service lift Power climber and 5S.
- Electrical safety for Ordinary Electrical Persons.
- Lockout Level 3 & Level 2.
- Defensive Driving Awareness.



Languages

- English (Professional)
- Kannada (Native)
- Hindi (Professional)
- Tamil (Professional)
- Telugu (Professional)
- Spanish (Basic)



Declaration

I Hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Yours Sincerely
Vinodkumar H