CURRICULUM VITAE

**RINKU KUMAR**

S/O Umesh Das, Village:-Nauranga, P.O:- Parbatta, Dist:-Khagaria, Bihar-851216

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**OBJECTIVE:**

* To play a proactive role, make a purposeful contribution, and produce a positive outcome t hrough creation, constructive & imaginative thrust, commitment to perform quality work in the time line, dedication to help company grow and increase self -knowledge base

**PROFESSIONAL WORK EXPERIENCE:**

# MARCH 2020 PRESENT RENOM WIND ENERGY SERVICES LLP

Engineer- Operation and Maintenance Dept.

* Responsible for routine Maintenance activity, preventive and predictive breakdown maintenance, planning and scheduling effective maintenance schedule for enhancing system reliability.
* Responsible to maintain all the records of maintenance, error log and breakdown reports.
* Analysis of power curve and PLF.
* Maintain DGR, MA, GA and all the data records.
* Lead and support site efforts to meet or exceed EHS (Environment Health and Safety), Quality, and Production and cost performance goals.
* Develop and implement processes for addressing machine/equipment reliability deficiencies through root cause analysis, data capture and alignment with appropriate technical resources to implement reliability solutions.
* Review of errors, SCADA reports, in case of abnormality and initiate necessary actions.
* Carry out routine Inspection of the WTGs by walk through audits Support site management in implementing proposed TCIs, Quality/safety alerts.

# FEB 2017- FEB 2020 INOX WIND INFRASTRUCTURE LTD.

Engineer- Operation and Commissioning Dept.

# RESPONSIBILITIES:-

* Commissioning, Ongoing maintenance and operation of all wind turbine generators (WTGs) on a wind farm.
* To signaling the job of trouble shooting of critical errors & safe work of 2.0 MW capacity WTGs with the help of electrical drawings
* Commissioning & Testing of WTG’s & its Components according to protocol. .
* Attending Troubleshoots of various Electrical equipment’s and Instruments of Wind turbine. And Software and Parameter installation and modification.
* Maintaining records and Documentations for Audits.
* Trouble shooting of Different types AC/DC motors and drives and controller.
* Monitoring the progress, control quality & cost and undertaking the quantity survey.
* Managing operation and maintenance works through team planning and also looking after general admistrative activities.
* Reporting of daily works execution to my superior and having weekly review for some conclusion if needed in our current project.
* Develop and implement process of addressing machine/equipment reliability definencies through route cause analysis data capture and alignment with appropriate technical resources to implement reliability solution.
* Effectively lead and develop maintenance team members including setting objective and control skill development.
* Responsible for preparation of critical spare list and plan for inventoryinventory.
* Evaluate the performance reliability of existing equipment identify machine life cycle targets implement cost
* Responsible for routine maintenance activity preventive and predictive breakdown maintenance schedule planning and schedule effective maintenance schedule for enhancing system reliability Operation and maintenance of Wind Power Plant for maximizing productivity while adhering to WTG quality and safety slandered.
* Execution of Preventiv e Maintenance at respective sites as per stipulated schedule,Timely Failure, productivity as well as reactive power analysis.
* Timely confirmation of service orders, material issue & reordering etc in Asset Stack.
* To conduct technical meeting with the team members to enhance the technical capability.
* To conduct perpetual inventory & ensure availability of stocks as per spare provision plan both for Breakdown & Preventive Maintenance.
* To perform all the operations and maintenance activities as per the schedule, ensure there are no loss of Man hours.
* Customer Interface and timely resolution of their query.
* Administrative as well as Management work at respective work place

# JULY 2011- JAN 2017 SUZLON ENERGY LTD.

Jr.Engineer-operation and Maintenance

# RESPONSIBILITIES:-

* Attend Preventive and Breakdown Maintenance in WTG.
* Performing scheduled service and troubleshooting tasks on wind turbine generators & Taking necessary action to prevent or limit failure to optimize turbine efficiency, reliability.
* Operation & Maintenance of Power Panel, Capacitor Panel , Battery Bank and UPS of WTG.
* Maintenance of 3-phase induction Generator, Pitch & Yaw Drives and Gear box.
* SCADA and SC Commander monitoring.
* Minimizing of MTTR and Maximization of MTBF.
* Carrying out Root Cause Analysis of Breakdown and Equipment Failure and initiate corrective actions.
* Maintain, monitoring & Records of WTG. & take Corrective action if found abnormality.
* Repairing of failed parts & equipment with Support from Central Team and Materials department.
* Maintenance & breakdown of HT equipment like ACB, VCB, 2300 KVA transformer,and HT lines i.e. 690V/33kV HT lines & switch yard.
* Working with the sensor such as proximity sensors,PT100, PTC,NTC,Vibration sensor.

**OPERATION & MAINTENANCE:**

* Planning & implementing maintenance schedules for improving overall reliability and safety.
* Conducting failure investigation analysis to identify gaps & take corrective measures so as to reduce equipment downtime & maximize plant availability.
* Preparing the activity list for planned / breakdown maintenance activities and deciding frequency, schedule & resource.
* Monitoring and optimizing processes, troubleshooting problems in coordination with other departments and improving efficiency
* Executing Temperature Sensors, Speed sensors, and Microprocessor based control Cards & general programming like data download/upload, Wind Turbine commissioning.
* In-depth knowledge of data sheets, I/O wiring diagrams, calculation and specifications.
* Responsible for handling the wind transducer like wind wane and Anemometer, PT100, Thermocouple, pressure Transmitter, Vibration sensor, Encoder Resolver etc.
* Conducting tests to determine whether equipment, software, or procedures are operating as expected.
* Testing equipment operation, component testing sequence, and specification sheet interpretations.
* Observing calibration maintenance sheets to verify maintenance of test equipment and notifies designated Personnel of unscheduled verification of equipment.
* Cable Supports work, Cable tray and cable laying, dressing, Gladding, Lugging, Ferruling, Terminations. Installation, repairing, and maintenance of electrical and electronic related equipments through the coordination of maintenance teams.
* Trouble shooting of all Electrical, Electronics, PLC's, Real time SCADA, Control Panels and Electromechnical.

**EDUCATIONAL QUALIFICATIONS:**

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| --- | --- | --- | --- | --- |
| **EXAMINATION** | **INSTITUTE** | **BOARD/ UNIVERSITY** | **YEAR** | **Percentage**  **%** |
| Diploma in Electrical and Electronics Engineering | Centre For Computer And Communication Technology,Sikkim | State Board of Technical Education | 2008 | 59.57% |
| SSC | T.Raza High School | C.B.S.E | 2005 | 54.00% |

COMPUTER EXPOSURE

Successfully Completed Advanced Diploma in Computer Applications.

**PERSONAL DETAILS:**

Fathers Name : Umesh Das Mothers Name : Usha Devi Date of birth : 28 Febuary 1990

Hobbies : Playing Cricket, Listening music, Table tennis, Carrom

Languages Known : English, Hindi,

Marital Status : Married

Nationality : Indian

**PERSONALITY:** Confident, Innovative, Energetic, Hardworking, with right Attitude

**DECLARATION:**

I do hereby declare that, all the information furnished above is true to the best of my knowledge.

Date: ( Rinku Kumar )