**Amitava Biswas**

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***Assistant Manager/ Deputy Manager***

*Scaling new heights of success with hard work & dedication and leaving a mark of excellence on every step; aiming for assignments in****Electrical and Instrumentation Operations/UtilityOperations andMaintenance*** *with an organization of high repute in industry*

**Profile Snapshot**

**An astute professional with over 13years of experience in Electrical and Instrumentation, Maintenance Operations, Troubleshooting, Documentation& Team Management**

* Proficiency in managing operations and maintenance of various equipment for reducing downtime and enhancing operational effectiveness of equipment and energy conservation activities.
* Skilled in managing the process measurement, control instrumentation and services to monitor the operations
* Effectively conceptualized and completed various operations pertaining to maintenance repair and modification/Up gradation systems and up-keeping of various utilities.
* Utility operation and maintenance of following equipment,

Gas Boiler (dulphy burner) and coal fired Boiler 10Ton, Thermopack 20lack KCAL, Compressor 600CFM, and Chillier up to 800TR.

* Troubleshooting and Calibration of field instruments DPT type transmitter, pressure transmitter, flow meter, temperature transmitter etc with Hart Communicator.
* **SCADA Monitoring System:** Deployment of online monitoring system for monitoring the energy consumption of the plant, Automatic report generation, energy report all at one place.

**Core Competencies**

**Maintenance Operations:**

**Skills**

**Electrical and Instrumentation**

**Maintenance Operations**

**Erection &Commissioning**

**Cost Control**

**Quality Control**

**Documentation**

**Vendor Coordination**

**Troubleshooting**

**Team Management**

* Planning and effecting predictive & preventive maintenance schedules for various equipment to increase machine uptime & equipment reliability
* Identifying areas of bottlenecks / breakdowns and taking steps to rectify through application of troubleshooting tools like root cause analysis

**Erection & Commissioning:**

* Anchoring on-site erection &commissioning activities for ensuring completion of project within the time & cost parameters and effective resource utilization to maximize the output
* Carrying out overhauling work of equipment’s, modifications, and major repairs to improve equipment efficiency by faultfinding

**Employment Details**

**Since Nov’10 to June’16: Raymond Ltd., Vapi as Executive Instrumentation Engineer and July’16 to present time as an Assistant Manager Instrumentation Engineering.**

*(Handling a team of 15 people)*

**Dec’09 to Oct’10: Vinar System Pvt. Ltd., Kolkata as Electrical Engineer**

**Aug’08 toDec’09: Raymond Ltd., Vapi as Shift Officer (Instrumentation Department)**

**Aug’07 to Jul’08: Macleods Pharmaceuticals Ltd.as Instrumentation Officer**

**July’06 to March’07: Bell Ceramica Ltd. as G.E.T Electrical Department**

**Key Result Areas:**

* Regularly check the breakdown of Benninger and Suzuki make warping machine, Picanol Gamma, Gammax,Optimax and Airjet make Toyota 710 Looms and Supervega make Auto-Drawig machines.
* Regularly analysis of downtime in, Rubbing Frame, Ring frame RM451, Auto conner Oerlicon 338 and Mackconer 7-7 , Ply-winding D-P1D SSM, TFO.
* Regularly analysis of breakdowns in finishing machines like Cimi, Stenter machine Motex make and Monforts make, Zonco, Jigar, Lafer Sharing, TMT Decatising, Super finish, Formulla, etc.
* Rendering troubleshooting support for all types of problem in dyeing machines and RF dryer and yearly total maintenance work of Monga Strayfield RF dryer.
* Hands-on experience in handling the erection & commissioning of Color Service Make Automation System for “Automatic Color Dispensing system” to the respective Dying Machine as per Auto Call Off.
* Spearheading the following responsibilities:
* Minimizing the spare & repair cost by developing local vendors, import substitute & optimum spares inventory
* Handling the calibration of Temp Controller, Level Controller, PH Controller, Weighing Scale, Pressure Gauge and Flow Meters
* Ensuring spares balance and inventory control for all instruments’ spare parts
* Involved in planning of up gradation for instruments to achieve production quality and minimize the cost
* Reporting to Maintenance Manager regarding PM and CM Reports
* **In-house Repairing:** Repairing of various PCB’s, Controllers, Motherboards, PLCs and inverters used in Textile Machineries.
* **Boot loading of Programs:** Interfacing with hardware design and software debugging by using Wellon Software for booting various programs of control system & displays of machines.
* Maintaining proper record of ISO & OHSAS documentation as per rules & regulations for 14001 and 18001

**Noteworthy Accomplishments:**

* Proficiently worked:
* With PLCs like Allen Bradley Micrologix 1200, 1756 Control Logix, 1769 Compact Logix
* On RTD, Thermocouples, Load Sensors, Level Detectors, Flow meters, Temperature Controllers and Capacitive & Inductive Proximity Switches
* Effectively managed the operations of troubleshooting of Allen Bradley Micrologix 1200 and 1400
* Demonstrated excellence in handling the operations of carrying out regular check of all the process parameters in all types of processing machines for ensuring:
* The condition of field instruments
* Regularly communication with production person for improving the efficiency of production & reducingthe breakdown time
* Significantly manage the installation and programming and handover of the same to production department while ensuring maintenance of spares for minimizing breakdown time
* Actively ensured regular communication with vender to maintain spare parts

**Knowledge Preview**

* Possess sound understanding of:
* PLC likes Allan Bradley, Siemens S7, PCD, Omron, and Mitsubishi
* Picanol make Loom type Gammax, Optimax. Jacquard make Grosse
* Software and Hardware Modification done in conventional Grosse System for reducing breakdown time for critical spares
* Software and Hardware Modification done in conventional industrial PC system to desktop system for critical spares
* AC drives commissioning & troubleshooting like Allen Bradley Power Flex, Siemens Micro Master, Denfoss, and ABB.

**Projects Undertaken**

* Effectively carried out the following projects:
* Chemical Dispensing Project in Dyeing Department
* Minimizing Steam Consumption by Hot Water Recovery in Piece Dyeing Machines
* Millmaster Easy software installation for Loepfe online monitoring of autoconer 338.

**IT Skills**

Language: C

Software: SAP, Eplan Electric P8 Software and RSLogix500, RXLogix5000, SCADA Factory talk, CCW for drives backup.

Applications: MS Office and Internet Applications

**Academic Qualifications**

* **B.E. (Electronics & Instrumentation)**from G.I.E.T., Gunupur, Berhampur University in 2006
* 12th from A.V. School, Shyambazar, W.B.C.H.S.E in 2002
* 10th from Taki Govt. School, W.B.B.S.E in 2000

**Personal Details**

Date of Birth: 10th April, 1984

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Language Known: English, Hindi and Bengali