**ANKIT SAXENA**

**Mobile:** +971-555712693, +971-505943909

**E-Mail:** saxenafrequent@gmail.com

**PROFILE SUMMARY**

Dedicated and highly skilled Instrumentation and Control Engineer with 12+ years of diversified experience in Power Automation, Process Control, Oil and Gas industry. Able to work effectively independently or as a team member, to ensure work commenced with integrity, hard work and in a safely manner as per organization guidelines.

**WORK EXPERIENCE**

**INSTRUMENTATION AND CONTROL ENGINEER II 06/2015 – PRESENT**

**EMIRATES GLOBAL ALUMINIUM(EGA) DUBAI-UAE**

* Carry out routine and preventive maintenance work, repair and testing of equipment in line with Standard Operating Procedures (SOP’s) and standards to fulfil the requirements of the work request or work order.
* Investigate, trouble shoot, repair calibrate and test various types of process control instruments and relay logic, to keep the instrumentation systems as designed.
* Having Knowledge of all HSE related practices and procedures. Follow and ensure all safety HSE guidelines before performing any PM or job.
* Perform applicable field and/or system modifications of control elements and/or control loops as per the plant section, change requests and assist to update all related plant section drawings to reflect the actual changes thus enhancing the plant operation in line with the management of change of procedure.
* Providing training to National Trainees as per Specifications and Maintenance Planning Regulations Program.
* Saved plant and machinery various times while Plant is under breakdown and saving cost of production to the company management.
* Performance management of the plant equipment done to save and achieve analytical budget cost variances.
* Contribute to the identification of areas and opportunities for continuous improvement in the operating procedures, scheduling modification through innovation of functional processes, machinery or equipment improving data quality and cost control.
* Compliance with relevant HSE policies, procedures & controls to provide best quality following best practices and maintaining International standards to ensure sustainability of the organization as per approved and assigned Industry standards.
* Compliance with all Documentation as per legislation and legal policies.
* Monitoring safety interlocks and undertaking measures to provide smooth reliable operations.
* Calibration and testing of all field instruments, with complete calibration document controlling.
* Provide input for preparation of Departmental budget and managed scope technical requirements and technical bids to vendors.
* Manage small capital projects, being a Team Leader, including scope definition, engineering design, cost estimation, software configuration, preparation of bid packages, preparing the MOC, supervision of contractors, managing shutdown/ Start-up phase and training operators.
* Carry out internal PM audits to ensure proper job plan implementation.
* Aware of potential environmental, health, safety and security impacts in area of responsibility and the consequences if an upset occurs.
* Participated in design reviews, process hazard analysis Hazard Identification and Risk Assessment (HIRA).
* Improve efficiency and reliability of instruments while saving cost of new equipment by reusing and repairing the old ones.
* Participated in preparing Permit to Work Receiving Authority with the help of CMMS - SAP / Maximo interface before commencing any job.
* Technical competencies and knowledge over various DCS and PLC platforms which includes troubleshooting, Logic modification and forcing of the following:
* GE Mark VIe Control System
* GE Mark V Control System
* Allen Bradley MicroLogix RS500
* Siemens Simatic S7-300
* ABB Egatrol
* Alstom ALSPA PLC820

**ASSISTANT MANAGER- C & I 04/2011 – 06/2015**

**MAITHAN ISPAT LTD. ODISHA - INDIA**

* Effectively, high quality planning, coordinating and executing annual shutdown and maintenance activities of AFBC Boilers, HRSG Boilers, Steam turbines and its auxiliaries.
* Design, engineering, installation and commissioning of Combustion analysers like CO, O2, Smoke density and Continuous emission monitoring system (CEMS).
* Working in compliance with MIS and PMS best practices for better performance and quality of deliverable.
* Maintained the inventory of spares/tools/test equipment. Performed the estimation and budget the requirement for the year and arrange for procurement in order to ensure their availability during shutdown and emergencies.
* Lead and participate in risk assessments, root cause analysis, monitor work practices and methods, conduct tool box talks, conduct safety and housekeeping inspections in-order to ensure safety centred maintenance.
* Provide field engineering support to technicians and technical support to operations. And also prepare progress reports for performance management.
* Plan and organize for shutdown jobs, prepare overhaul schedules and overhaul reports.
* Assist and co-ordinate with EHS Manager/Supervisor on all EHS activities including implementation of policies/procedures, inspections and audits.
* Improved plant process improvements which helped the plant achieved increase efficiency and save revenue in millions by extending the plant equipment reliability.
* Participated in variance plant shutdowns and achieved time saving as per proposed time to provide the plant, while working with various vendors.
* Assign preventive and corrective maintenance jobs to maintenance technicians as per the company policies.
* Competent over DCS platform comprising Siemens SPPAT-1000, delivering Logic handling, Troubleshooting and Modification as per Mechanical Design and Electrical Specification working jointly with the specific requirement.
* Having knowledge over instruments like Bently Nevada- Vibration Monitoring System, Overspeed Monitoring System for Turbine Safety.

**ASSISTANT ENGINEER – C & I 09/2008 – 03/2011**

**GODAWARI POWER AND ISPAT LTD. (HIRA GROUP) RAIPUR – INDIA**

* Ensure in-house and external engineering work meet design intent and are cost effective with focus on safety, reliability, maintainability and constructability.
* Update and maintain records, generate reports related to maintenance work.
* Competency and knowledge over various DCS and PLC platforms:
* Yokogawa Centum CS1000
* ABB 800 Freelance
* Siemens S7 200
* Allen Bradley MicroLogix RS200
* Skilled in tuning various process control P & ID’s to control various complex process control automation.
* Familiarization over Embedded Control systems and Programming of Microprocessors (8085/8086) and Microcontrollers (8051/8061).

**CORE COMPETENCIES**

* **Instrumentation and Control in Power Plant-Thermal, Oil & Gas Industry**
* **Operations Management**
* **Process Engineering**
* **Predictive, Preventive & Breakdown Maintenance**
* **Defect Management & Troubleshooting**
* **Process Enhancement / Team Management**
* **Project Management delivering Commissioning and Erection**

**ACADEMIC DETAILS**

**Bachelor’s Degree-Electronics and Instrumentation (71.68%) 07/2004 – 07/2008**

**Uttar Pradesh Technical University (UPTU) Allahabad- India**

**ICSE – Higher Secondary (68.40%) 07/2002 – 07/2003**

**ST. Joseph’s College Allahabad – India**

**ICSE – High School (80.17%) 07/2000 – 07/2001**

**ST. Joseph’s College Allahabad – India**

**PERSONAL DETAILS**

**Date of Birth: 12th October 1984**

**Marital Status Married**

**Present Address: Flat No:103, Odeh Tower Bldg., Al Nud, Al Qasimia,Sharjah(UAE)**

**Languages Proficient: English and Hindi**