

**ANJUM AHEMAD KHAN**

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**QUALIFIED PROFESSIONAL**

**Operations & Maintenance ~ Production Operations ~ Design Engineering ~Erection & Commissioning**

Dedicated analyst, proficient in running successful method-oriented operations & taking initiatives for business excellence through process improvement

Seeking challenging assignments in **Operations & Maintenance / Production Operations / Design Engineering** with an organization of repute**.**

**PROFILE SUMMARY**

* **A dynamic professional** with over 9 years of experience in Electrical and Automation industry in:

Operations & Maintenance Production Operations Design Engineering

Erection & Commissioning Process Enhancement Inspection

Client Relationship Management Project Management Cost Control

* **Gained significant knowledge** of P.L.C’S (Allen Bradley500, Allen Bradley5000, Siemens & G.E. Fanuc, Unitronix ), SCADA Connectivity (In touch, RS view), Distributed Control System (Siemens D.C.S)
* **Skilled in handling** erection & commissioning activities involving in-process inspection and coordination with internal / external departments
* **Proficient in managing** complete production operations involving resource planning, materials planning & coordination with internal departments such as Purchase, Quality and Stores.
* **Expertise in implementing** maintenance schedules and carrying out periodic checks to ensure performance of various equipment and maintaining requisite documents for the same
* **A result – oriented** individual with excellent planning, leadership & motivation skills
* **Project management**, Planning, Scheduling, Cost control, Erection & Commissioning for diversified projects related to the field of power industry, steel industry, pharma industry etc.
* **Detailed Engineering:** Preparation of Instrument location layout, cable schedules, Interconnection diagrams, Instrument loop diagram, Functional logic diagram, I.O. List, System architecture diagram, Bulk material MTO**.** Preparation of Request for Quotation (RFQ), Technical Bid Analysis (TBA), Technical Query (TQ), Material Requisition (MR), Vendor Drawings Review (VDR)

**ORGANIZATIONAL EXPERIENCE**

**TATA Consulting Engineers (Through ANI)**

Mar’2020 – Jan'2021. Sr.Electrical Engineer (PMC)

**Landsky Engineers Pvt.Ltd. Hyderabad**

Feb’2018 – Feb’2020 Sr.Project Engineer (Application and Service)

**Kistler-Morse Automation Limited, Hyderabad**

Jul’2011 – Mar’2012 Service Engineer (Erection & Commissioning)

Mar’2012 – Apr’2013 Design Engineer (Weight & Level Measuring System)

Apr’2013 – July’2016 Assistant Manager (Engineering Services)

July’2016 ˗̶ Feb’2018 Sr.Assistant Manager

**Key Result Areas:**

**Operations & Maintenance**

* Planning and effectuating the predictive & preventive maintenance schedules for various equipment to increase machine up time & equipment reliability
* Identifying the areas of obstruction / breakdown & taking steps to rectify the same through application of troubleshooting tools
* Interacting with customers for their requirement of AMC and satisfying their need of equipment performance.

**Erection & Commissioning**

* Preparing checklist for pre-erection and commissioning activities to minimize project completion time on site and utilizing effective man hours.
* Anchoring erection activities for ensuring completion of work within time & cost parameters and utilizing resources to maximize output; conducting tests to ensure operational effectiveness of utilities &equipment.
* Conducting erection & commissioning of machines & equipment and ensuring completion of project in minimum turnaround time effective resource utilization to maximize the output

**Production Operations**

* Formulating & executing the production and manpower schedules / plans for smooth execution of projects within time & cost parameters
* Coordinating with various departments including material department for ensuring accomplishment of daily & monthly production targets; ensuring cost reduction by implementing new techniques and working on productivity improvement

**TATA CONSULTING ENGINEERS (02.03.2020 to 30.01.2021):**

* Execution of Project through proper Vendor Management.
* Timely execution of projects with proper planning involving study of Engineering Drawings like Lighting Layout, Power Layout, Earthing Layout, Cable schedule,Lightening protection layout etc.
* Raising CMFI, RFI through proper channel as per the project needs.
* Performing IQ, OQ, PQ as and when required as per Organization Standards.
* Coordinating work related to Electrical Substations, Transformers, Tray work, Cable Laying and Cable Terminations along with associated circuitry by different Contractors.
* Erecting, Testing & commissioning Distribution Panels like PCC, PMCC, MCC, PDB, MLDB, and APFC.
* Erecting, Testing & commissioning Power & Distribution Transformers (2MVA to 20MVA).
* Technical Supervision of Cable lying, glanding and Termination.
* Supervision of works related to **Cleanroom** like Lighting, Power Socket Installation, Industrial Socket Installation (3 Phase and 1 Phase), and Electrification of process equipment (3 Phase and 1 Phase).
* Installation and Fabrication work for Cable trays.
* Supervision of various testing activities like Meggar test, Thermal Scanning, Insulation testing, BDV value of Transformer oil etc.
* Verifying BOQ’s as per released Drawings and monitoring physical installation at site.
* Supervision of Electrification work for Chillers, Heat pumps, Compressors, LT and HT panels and monitoring their working.
* Billing works like certification/approval of COP, reconciliation statement, FSOA etc.

**PROJECTS:**

**BIOCON LIMITED B5 (Bangalore)**

**LANDSKY ENGINEERS PVT.LTD. (15.02.2018 to 27.02.2020):**

* Execution of VFD, MCC, PCC, LT panel projects including making of proposal, preparing drawing, preparing schematics, testing and commissioning for Steel, Power and Pharmacy sectors.
* Installation ad commissioning of EOT Cranes and Underslung Cranes (Single Girder Single speed, Single Girder dual speed, single girder dual speed dual Hoist) etc.
* Installation and commissioning of Hoists (HITACHI, SIGMA, CARL STAHL, TAVOL etc.), Material Handling Equipments.
* Commissioning, Troubleshooting and AMC of Oil free Screw Air Compressors (HITACHI), Regenerative Desiccant type heated Air Dryers (MIKROPOR, TRIDENT, GSA).
* I & C of Industrial equipment’s including Temperature controllers, flow meters, pressure sensors, level transmitters, Ph-Meters, Conductivity Meters. Laser sensors, Dew point sensor, Data logger, safety instruments etc.
* Working Knowledge of Servo drives and motors (Parker).
* Preparation of Panel schematics, Control logics, instrument lay outs, wirings etc using AUTOCAD.
* Detail engineering of system architecture, characteristic, features, various IO modules, communication module, power supply module etc.
* Preparing BOM for instruments, equipment’s, retro fitting projects, turnkey projects and making offers for customers accordingly.
* Design, development, review & approval of drawings and document.
* Case study, comparison and selection of various types of instruments specific to individual application.

**PROJECTS HANDLED:**

* **.**Aurobindo Pharma Limited Unit-6(Hyderabad) Aurobindo Pharma Limited Unit-15 (Visakhapatnam)
* Aurobindo Pharma Limited Unit-7(Hyderabad) Hetero Pharma Limited Unit-7
* Pernod-Ricard India Pvt.Ltd.(Hyderabad) Suzuki Motors India Pvt.Ltd.(Gujarat)
* Coca-Cola India Beverages Pvt.Ltd.(West Bengal) and many more.

**KISTLER MORSE AUTOMATION LIMITED (07.07.2011 to 08.02.2018):**

* Power calculation in circuit logic designs.
* Preparing cable schedules and circuit design.
* Design, development, review & approval of drawings and document.
* Case study, comparison and selection of various type of Level transmitter ( Ultrasonic, Rader, Guided Rader, Capacitance)
* Detail engineering of system architecture, characteristic, features, various IO modules, communication module, power supply module,
* Preparing BOM for specific equipment’s and coordinating with sales department making offers for customers.
* Good working knowledge of proximity switches, limit switches, strain gauges, micro cells, encoders, integrators, circuit breakers, Ultra Sonics, relays.
* Good working knowledge of medium capacity induction motors, transformers.
* Working with the key QMS (Quality Management System) as project coordination and participation for site execution for **project management**& erection-commissioning activities.
* Knowledge of discrete process switches like level switches (float type, tuning fork type, paddle wheel type, capacitance type, conductance type, ultrasonic level switches), temperature switches, flow switches.
* Knowledge of fibre optic communication system, discrete control elements, relay control systems.
* Knowledge of International standards such as ISA, IEC and ISO etc.
* Operating and programming knowledge of PLCs, HMIs and their interlinking.
* Knowledge of configuration and troubleshooting of industrial communication system like Modbus RTU (RS-485, RS-422).
* Holds the distinction of preparing:
* Control Logic on relay operation for control panels of weighing systems
* Circuit Logic Diagrams and supervising its operations in control panels
* Successfully carried out allotment of work for inward, in-process and final inspection to Testing Engineer.

**PROJECTS HANDLED**

* SAIL (RSP,Odisha)- WF & BWS SAIL(West Bengal)-BWS
* NTPC(West Bengal) –CBLMS DVC (Jharkhand)-CBLMS
* IMFA (Odisha)- WF & HWS Welspun Steel (Gujarat)-WF
* Dinabandhu Steel(Orissa)-WF KTPS(Karnataka)-CBLMS
* Heavy Industries Enterprises (Myanmar)-BWS DVC(west Bengal)-CBLMS
* Hindalco Industries Limited(Uttar Pradesh)-WF,BWS NCL(Madhya Pradesh) -BWS
* Doosan Power Systems India Limited(Karnataka)-CBLMS NTPC(Maharashtra) -BWS
* **REFFERENCE**:
* **CBLMS**-Coal Bunker Level Monitoring System **BWS**-Belt-Weigh Scale
* **HWS**-Hopper Weighing System **WF**-Weigh-Feeders

**EDUCATION**

* **B.Tech. in Electrical engineering** from Institute of Technical Education & Research (Under B.P.U.T University) with 64.8 % in 2007-08
* **Intermediate in Science** from Govt.Junior College (Under CHSE Board) with 70% marks in 2002.

**TRAININGS**

* Undergone training on Industrial Automation System from **PROLIFIC** institute, Hyderabad and holds the Post Graduate Diploma Certification for Industrial Automation System.

**ACADEMIC PROJECTS**

* Infra-red Tracking Robot
* Operations of Mini Plant through Automated Programming Logic

**IT SKILLS**

* Windows Operating System: Win98 &Win XP
* Developing Software: Basics in AutoCAD Electrical
* Application Software: MS Office&MS-Project
* P.L.C’S (Allen Bradley500, Allen Bradley5000, Siemens & G.E. Fanuc)
* SCADA Connectivity (In touch, RS view), Distributed Control System (Siemens D.C.S)
* Field Instrumentation & Panel Designing, H.M.I (Siemens S7-400), Drives (ABB, Siemens,L@T,Allen Bradley)

**EXTRACURRICULAR ACTIVITIES**

* Participated in school level essay and debate competition and won medals and certifications.
* Actively participated in school sports and cultural activities and won medals.
* Got Runner-up medal in inter-school football championship.
* Actively participated in inter school painting competition and won medal.
* Participated in Inter college Modelling competition and got Runner-up trophy.

**PERSONAL DETAILS**

**Date of Birth**: 7thJuly1985

**Languages Known**: Oriya, Hindi &English

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**(**TELENGANA STATE)