**MOHAMMED**

***Email****:* *mohammed.367370@2freemail.com*

***VISA STATUS****: TOURIST LONG STAY 90 DAYS (TRANSFERABLE)*

**Instrument And Control Engineer**

**Lead Instrumentation Engineer/ Maintenance Engineer/SCADA/ PLC Programmer/ QA QC E&I**

A skilled **Instrumentation and Control Engineering** with over 4+ years in O&M, Substations, Manufacturing plants, Refineries and power plant projects. Responsible for the over-all implementation of Quality control related Instrumentation and electrical works accordance with project specifications and Engineering Standards. Experience in Inspection, testing, calibration, commissioning and maintenance of various field instruments like PT, FT, LT,TT and Level, Pressure switches etc. Extensive knowledge of instrument cable laying, terminations, inspection, control valves, switch gear panel, junction box installation and communication system. Carryout FAT, SAT, troubleshooting, preparation of procedures and related documentation. Experience in P&IDs, logic diagrams, DCS, PLC and field instruments. Responsible for ensuring Quality of work and Monitoring progress of work. Possess excellent command over verbal and written communication.

 **EDUCATION**

**M. Tech in Digital Communication Engineering (GRADE: First Class) 2012-2014**

**Vishveshwarya Technological University, India.**

**B.E in Instrumentation Engineering (GRADE: Distinction) 2008-2012**

**Vishveshwarya Technological University, India.**

**CERTIFICATIONS AND RECENT TRAINING:**

* Undergone with practical sessions on DCS, PLC & SCADA from **“Honeywell Automation India Ltd., Pune”.**Configuration of ML200R PLC (Honeywell).Configuration Stations, Servers, Controllers for Honeywell Experion C200 and C300.
* Undergone with practical sessions on Automation and Field Instrumentation from **“Rashtriya Chemicals and Fertilizers Limited, Mumbai”**.
* Undergoing with Lean Six Sigma Green Belt Certification. DMAIC Methodology

**WORK EXPERIANCE**

**Al Mansoor International Co. LLC, (Al Sulaimi Group) Oman.**

P. O. Box: 1405, Ruwi, P.C: 112, Sultanate of Oman.

**Position:** SCADA and Instrument Engineer May 2015-August 2016

**Client: PAEW** (Public Authority for Electricity and Water), Oman.

**Al Sulaimi Group** companies rank among the leading engineering and industrial solution companies in many sectors ranging from welding and cutting, fire and safety, security systems, automotive workshop equipment, industrial equipment and consumables, oil and gas, NDT inspection, metal fabrication yards to maintenance and repair workshops. Al sulaimi Group shares strong partnerships with international companies to provide diverse industrial services in the Sultanate of Oman.

**Responsibilities and duties:**

* Performing the commissioning activities for the various field instruments, FAT and SAT for the RTU Panels, megger test.
* Detection of actual breakdown for Optical Fibre and performing splicing activities.
* Carry out various Instrumentation section inspection on
	+ - Installation of Instruments (PT, FT, LT, TT and Level, Pressure switches etc.)
		- Cable Laying and continuity test for I&C Cables (Primary/ Secondary).
		- Loop checking of Instruments from field to control panel.
		- Daily schedule for Inspection, Mailing and reporting.
* Detecting the faults during communication failure with the Remote RTU panels.
* Interfacing and troubleshooting of SCADA(Wonderware, Vijeo Citect), PLC, HMI.
* Inspection (FAT and SAT) for switch gear panels also commissioning for the same.
* Involved in configuration, logic changes and graphics modification.
* Raise RFI (Request for Inspection) for the work done as per the ITP (Inspection Test Plan).
* Preparing the daily schedule for Inspection of I & C Section mailing to the consultant, Client, contractors and Subcontractors.
* Coordination in between Consultant, Constructions and Subcontractors for daily activities.
* Carry out official inspection with consultant and Sub Contractors on routine Basis.
* Assist to the design team for the projects related drawing and documents verification and submission to consultant/ client for approval.
* Ensure that work is carried out according to local regulations, specifications and International standards.
* Ensure that materials and drawings are approved as material specifications.
* Lead the sub-contractor to accelerate the work like tray routing, conduit routing and grounding, panel and JB erection, cable laying and routing, terminations and continuity.
* Coordinating with the vendor for commissioning activities and arranging minutes of meeting (MOM).
* Maintaining records for the accepted RFI (Request for Inspection), cancelled RFI & punch list, submitting the accepted RFI to scanning and filling.
* Preparation of Erection Completion Certificate (ECC) Packages/ documentation and turn over packages are timely prepared and submitted to the client.

**ACC Limited, Wadi Cement Works, Karnataka, India.**

**Position**: Instrumentation Maintenance Engineer (E & I) June 2011- Oct. 2014

**Responsibilities and duties:**

* Responsible for supervision of Control and Field Instrumentation system maintenance of plant, daily activities and managing the work accordingly.
* Review of P&ID, Instrument Specification sheet, Instrument Data Sheet, Instrument Installation Sheet, Wiring Diagram etc.
* Preparing reports for Corrective Maintenance, Ready to meet any breakdowns with the technical team.
* Participating in planning for PM, KPI.
* Detection of faults, reading P&ID, Electrical drawings, Supervising the mounting condition for every automation device, Review the control system and Instrumentation Scope of Work.
* Ensure availability and adequate manpower, materials, spares, tools and test equipment guided by standard procedure and specification.
* Review the cause and effect and functional drawing during the test and necessary changes as per project requirement.
* Preparation of Erection Completion Certificate (ECC) Packages/ documentation and turn over packages are timely prepared and submitted to the client.
* Installation and commissioning for VFD’s, Soft Starters and field instruments.
* Supervision for overall maintenance of ESD and DCS Systems.

**SKILL SETS AND EXPERTISE**

* Expertise in Modbus, Profibus, Industrial Ethernet.
* Expert in PLC's/ DCS/ VFD’s/ SCADA/ HMI/ PID-CONTROLLER/SENSORS FIELD-INSTRUMENTS.
	+ PLC : Delta V, ABB, Omron, Keyence, Siemens LOGO SOFT, s7 300, Allen Bradley, Honeywell (ML200R), Schneider etc.
	+ DCS : Honeywell C200/ C300.
	+ VFD’s : Schneider, Fuji Electric, ABB, Danfoss Etc.
* Proficient in various apparatus and technology which is been used in modern era.

**Computer software:** Microsoft Office, MATLAB, AUTOCAD, Excel, PowerPoint, and Word.

**Product/Project Management**: Microsoft Office –Project.Statistical Software: Minitab.

**REFERENCE:** Shall be furnished on request