**APPLY FOR POST OF ELETRICAL AND INSTRUMENTATION SUPERVISOR**

**AJAYRAJ**

Dubai

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**OBJECTIVE**

To work as a successful professional in a challenging and dynamic environment and to keep adding value to the organization that I represent and serve, while concurrently upgrading my skills and knowledge in the field of **ELECTRICAL AND INSTRUMENTATIONE FIELD** with hands on experience of 7yrs in Oil and Gas & power plant INSTALATION,MAINTENANCE and Commissioning with highly qualified exposure

**PROFILE**

Bachelor degree in Electrical& Electronics Engineering from periyar Maniammai University, Thanjavur Tamil Nadu,India [2009-2012] CGPA -7.67

Diploma in Electronics& Communication Engineering from MIET polytechnic college, Trichy, Tamil Nadu, India[2007-2009] CGPA - 67

**Proficient in**

* Preparation of Instrument Index
* Preparation of Instrument Loop Diagram
* Preparation of Datasheet & Documents
* Preparation of Cable schedule, IO List & JB List
* Preparation of Hook up Diagram
* Coordination with other discipline.
* Proficient in Analyzers & Instruments Calibration, Maintenance & trouble shooting
* Knowledge in Foundation Fieldbus

**Knowledge of**

* Major Process Instruments and their use
* Refinery Overall knowledge in Process & Safety Aspects
* Piping Components and their Use
* PFD, P&ID

**Familiar with**

* Instrument’s calibration and commissioning
* Preparation of Instrument Index, Loop Diagram & Documents
* MS Office, Adobe acrobat Professional, MS Project
* Undergone training for PLC, DCS & SCADA system

**EXPERIENCE**

**Employer : Kuwait-based Company**

**Duration : AUGEST 2015 To DECEMBER 2019**

**Project : OPERATION AND MAINTENANCE**

**Designation : SENIOR INSTRUMENTATION**

 **TECHNICIAN**

 **Responsibilities:**

* Raise relevant work permits in a timely manner
* Execute preventive and corrective jobs for restoring instrument equipment to normal operating conditions .
* Troubleshoot instrument equipment’s (flow, temp, level, pressure,etc..)
* Communicate and co-ordination with engineers as well as coworkers and other disciplines(maintenance-stationary, rotating, electrical) about job nature receive repair needs and develop work priorities.
* Maintain records for maintenance and repair of state required process monitoring
* Meet with engineers, vendors and contractors to discuss and equipment needs
* Monitor project installations and provide inputs as needed for quality assurance and satisfactory completion of project
* Maintain inventory of spares for the year by using Oracle software, and initiate procurement in order to ensure their availability during overhauls and emergency maintenance and thereby ensuring the quality and timely completion of work. To follow up spares availability and advise the Engineer for proper follow up from his side so that plant availability is always ensured. To inspect materials / spares newly purchased at stores.
* Recommend new installations or modifications to improve plant control performance or replacement of defective or obsolete instrumentations for control equipment systems and subsystems. Supervise and monitor the progress of all types of routine, breakdown and planned maintenance activities, so as to minimize down

time for the equipment for increased plant productivity.

**Employer : CPCL THROUGH PENTAGON INDUSRIAL SERVICE CHENNAI.**

**Duration : AUGEST 2014 To JULY 2015**

**Project : PROJECT AND MAINTENANCE**

**Designation : TRAINEING ENGINEER**

 **Responsibilities:**

* Calibration of Electronic and SMART transmitters of different makes [Rosemount, Honeywell, Foxboro, Yokogawa, ABB, etc...] for the measurement of Pressure, Flow, Temperature, Level, Interface Level.
* Calibration and servicing of ON-OFF valves, Solenoid operated valves and overhauling of Control valves of Different types and different makes [Fisher, Masanolian etc...].Technical evaluation of Electrical and instrumentation installation of project.
* Liaising with project members identifying problem areas and deviations, record and clarify these with client.
* E&I installation or skid mounted units per client specifications.
 Organize project activities with maximum efficiency, meeting project milestones.
* Reviewed all sub vendor proposals and Purchase orders.
* Maintain monthly record and sub-vendor order progress-align with team members.
* Always ensure safe working of plant for self and others-100% Safety is targeted.
Lead a team of draughtmen to submit projects documentations.
* Supervise the activities like Skid electrical cabling, Instrument Installations,
Calibration of electrical equipment & instrumentation, testing of cables and plays key role in FAT with client.

**Employer : SPACE ELECTROMECHANICAL WORK LLC DUBAI.**

**Duration : AUGEST 2013 To JULY 2014**

**Project : MAINTENANCE AND SERVICE**

**Designation : E&I TECHNICIAN**

**Responsibilities:**

* Performs troubleshooting of industrial E&I equipment in HVAC, performs repairs, helps to determine root cause of failure, and works with engineering to develop reliability resolutions
* Works with maintenance and production to complete work both safely and efficiently
* Maintains accurate equipment repair/modification documentation, and updates equipment files
* Troubleshoots, and repairs electrical systems, and acts as a resource regarding plant electrical and NFPA70E regulation standards
* Maintains a variety of electrical equipment and process control devices including interlocks, control circuits, instrumentation, Delta V, Provox and PLC Control systems, 480Vac, 208Vac, 120Vac, and 24Vdc systems, motor starters, power distribution systems, transmitters, valves (ball, control, diaphragm, butterfly), process switches, actuators, VFD’s, relays, distribution panels, motors, lighting, motor starters, general wiring, sensors, etc., and all other tasks associated with the Electrical and Instrumentation craft
* Performs preventative maintenance (PM) tasks and follows all mandated procedures/regulations related to instrumentation, calibration, process control, related systems
* Ability to read and understand engineering drawings such as Piping and Instrumentation Diagrams or Engineering Flow Diagrams, single line drawings, schematics and the ability to read and understand Standard Operating Procedures
* Extensive prior maintenance experience demonstrating knowledge and ability
* Computer Skills (Microsoft Office; Outlook, Word, Excel)
* Demonstrate attention to details, organizational skills, initiative, and communication skills
* Experience in a manufacturing environment

 **Employer : CPCL,OPG THERMAL PLANT THROUGH FRANKLIN INSTRUMENT**

 **MAINTENANCE&ERECTION TECH PVT.LTD .**

**Duration : JUNE 2012 To MAY 2013**

**Project : CONSTRUCTION ,COMMISSIONING**

**Designation : INSTRUMENTATION ENGINEER**

**Responsibilities:**

* Actively participating in the loop check,Function check.
* Attending Critical Jobs.
* Familiar with troubleshooting of maintanance systems.
* Independently working in Corrective & Preventive Maintenance jobs for Systems & Field Instruments including meeting with operation requirements Day/Night shift activities and usual turnaround shutdown jobs.
* Handling the Biffi, rotork, limitorqe On-Off Valves
* Bench & Field calibration, Erection,Loop checking, Commissioning and maintenance activities of all types of Process Control Instruments .
* The Company was engaged with the construction, Commissioning and maintenance activities of the Refinery complex.
* Work exposure on air compressor, and Relay Panels and familiar with safe guarding Logic checking of equipment and Process.

## Nature of Experience:

* Performed Field & Bench Calibration, Field Maintenance and installation of Intelligent Smart Transmitters. Able to read and understand the P&ID’s, loop diagrams ,cause effects and schematic diagrams.
* Calibration, Field maintenance and installation of control valves with SMART positioners of Fisher DVC series.
* Various instrumentation jobs involved in the shutdown and start up.
* Preparing daily work reports and calibration reports.
* Performed Loop checking, Field maintenance, Function Checking and installation of Bently Neveda-3500/15 and 3000 vibration systems.
* Performed calibration, Stroke Check and maintenance of Solenoid operated On/Off Valves, Emergency Shutdown Valves (ESD’S) and Metso,Biffi, etc.
* Used various test and calibration instruments like Druck pressure and temperature Calibrators, Fluke Pressure and temperature Calibrators, Druck field Current Calibrators, HART Communicators of Emersion-375&475
* Have Permit To Work system, Lock Out and Tag Out system, Gas testing, Tool Box talk to the Co-workers etc.
* Calibration and servicing of Valtek Valves and its positioners.
* Top work Limit switches and Position transmitter’s calibration.

**PERSONAL INFORMATION**

DOB : 23.06.1989

Nationality : Indian

Marital Status. : married

Languages Known : English,Tamil,Hindi

**Declaration:** I hereby declare that the data furnished above are true to the best of my knowledge and belief.

 **Yours faithfully**

 **AJAYRAJ**