**CURRICULUM VITAE**

**K.P.PRAVEEN**

KANJIRAMVILA VEEDU,

NEDUMPAIKULAM.P.O.,

KUNDARA,

KOLLAM-691501,

KERALA.

India.

**E-mail:** praveen23786@yahoo.co.in **Contact no:** 91-9704189772 (India)

praveen23786@rediffmail.com 91-7025744936 (India)

**CAREER OBJECTIVE:**

To attain a challenging position in related field to work in an organization where I can enhance my skills and contribute to the growth of the organization.

**EDUCATIONAL QUALIFICATIONS:**

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| --- | --- | --- | --- |
| **Qualification** | **College/School** | **Year of Passing** | **Percentage of Marks** |
| B.Tech (EIE) | J.N.T.U  Hyderabad | 2008 | 64.32% |
| Intermediate | Board of Intermediate  Education | 2004 | 83% |
| S.S.C | Board of Secondary  Education | 2002 | 79.7% |

**TECHNICAL SKILLS:**

Operating Systems : WINDOWS- XP, 98,7,8.

Software Skills : PLC (S7-300, AC 500), SCADA (Win-CC & CITECT)

SPI (In tools),AutoCAD.

Languages : C - language

Others : Computer Hardware & Networking, Microsoft Office.

**TRAINING :**

Undergone training for **AutoCAD** in 2D and 3D and in **INSTRUMENTATION DESIGN ENGINEERING** which includes selection and sizing of process instruments, control valves & motorized valves,PDS,PMS,Instrument Hook ups and Layouts such as Instrument location, Junction box, Cable tray routing, Schedules such as Instrument, I/O and Cable.

Under gone training for **SMART PLANT INSTRUMENTATION(INTOOLS)** which includes Modules,Instrument,JB,MR and DCS wiring,MTO,Loop diagram, cable and JB schedule.

**WORKING EXPERIENCE**

* Having 10.0 Years of experience in Various Industrial Projects of Instrumentation field.
* Presently, working in **ELCON INSTRUMENTATION** as an Instrumentation Engineer from January 2019 to Till Date.

**i) EPC Contractor : ALPHA LAVAL**

**ii) Company : BIOCON LIMITED.**

**iii) Work Period : January 2019 to Till date.**

**iv) Job Title: Instrumentation Engineer.**

**v) Project: SFP Refurbuishment project at Benguluru , India.**

**v) RESPONSBILITIES**:

1. Involved in installation activities such as all process and analytical instruments for NDV,MPT and 3 KL,15KL,30KL Fermenters.
2. Monitored in the activities such as Instrument Signal Cable laying and PU tube laying.
3. Monitored in executing the installation of cable tray and SS Conduit with different sizes.
4. Execution of Pneumatic multi tube laying from Pneumatic panel to PPJB for the Fermenter with different capacities.
5. Execution of Cold loop check from DCS to all field process instruments for NDV,MPT and all the Fermenter.
6. Involved in the execution of installation of Pneumatic panel, TMX and FFJB.
7. Monitored in the activities such as glanding and termination of signal and power cables and termination of PU and Multi tubes.
8. Monitored the pneumatic tubing for all the actuators at NDV,MPT and Fermenter.
9. Executed the Installation Qualification for instruments Component list and Range check.
10. Executed the Operational Qualification for Actuated valve and Control valve stroke check, Control valve loop check and IO check for Field Switch and VFD feeder.
11. Executed in the commissioning and trouble shooting of all the process instruments.

**i) EPC Contractor : DODSAL AND COMPANY**

**ii) PMT : Saudi Armco.**

**iii) Company : Saudi Arabian Oil Company.**

**ii) Work Period : March 2016 to March 2018**

**iii) Job Title: Instrumentation Engineer.**

**iv) Project: 56" EWG-2 LOOP -2, 56" EWECG-1 & 30" KAEC pipeline project at Jeddah, K.S.A.**

**v) RESPONSBILITIES**:

1. Involved in Engineering activities such as reviewing and working of Process Hook up drawings, Block Diagrams of Sales Gas Metering Station and Black Powder Filtration System .
2. Evaluation and working of MTO and MR as per Saudi Aramco Standards.
3. Involved in the preparation of Data sheets and vendor drawings review and approval.
4. Making of Red line mark ups for Cable termination drawings, Instrument Hook up and typical Installation drawings as per site requirements.
5. Monitored in the activities such as Instrument Signal Cable laying, Control panel and Junction Box installation.
6. Monitored in executing the installation of RGS Conduit and PVC coated RGS Conduit with different sizes as per Saudi Aramco Standards.
7. Co-ordinated with Vendor Engineers in Simulation, Cold & Hot loop checks of individual instrument and valves for the Valve stations, Scrapper launcher and Receiver areas.
8. Involved in the Pre-Commissioning and Commissioning activities through OSPAS, of individual instruments and valves for the Valve stations, Scrapper launcher and Receiver areas.
9. Involved in SAT for the Black Powder Filtration System for the pressurization and De pressurization of nitrogen and pressurization of Sales gas.
10. Involved in establishing the communication link between 14nos. Valve Stations through a wide area Fibre Optic network.
11. Executed in the works of installation of Media Converter, FO and UTP Patch chords,SFP modules,Moxa(L2) and Wes Thermo(L3) Switches.
12. Involved in the installation of KVM Switch, Voice and FO patch panel, Jumbo and Moxa (L3), PDU ,Fuse Terminal Unit,MDF terminal block and MDF module at Yanbu Crude Oil Terminal.
13. Involved in the execution of laying, wiring and termination of 32channel-subscriber, AC and DC power cable at Yanbu Crude Oil Terminal.
14. Involved in the installation of SDH cards and Huwei A64 cards in PBAX system at YCOT.
15. Involved in the installation of SDH cards and UTP cable laying between Patch panel and SDH rack at PS-11(Madinah),PS-3(Riyadh),OSPAS and CDC(Dhahran).
16. Involved in the installation of LDS cabinet and its accessories at BGCS-3 (Riyadh).
17. Executed in the works of installation of Media Converter, FO and UTP Patch chords at PS-3, BGCS-3 and IPSA-5.

**i) Sub Contractor : DODSAL ENGINEERING & CONSTRUCTION PTE LTD.**

**ii) Contractor : Saipem**

**iii) Company : Al-Hosn Gas**

**ii) Work Period : June 2013 to Nov 2014**

**iii) Job Title: Instrumentation Engineer.**

**iv) Project: Shah Gas Development & Sulphur Recovery,AbuDhabi,U.A.E.**

**v) RESPONSBILITIES**:

1. Define the scope of work while contributing to the project as the Erection Engineer and the areas of timemanagement & manpower planning for the project execution.
2. Involved in Checking and execution of erection layout ,Process and Pneumatic Hook up drawings.
3. Involved in the execution of Cable tray routing decisions.
4. Involved in the laying of Under and above ground signal, control and power cables.
5. Involved in the erection of DCS control panels.
6. Involved in Glanding & Termination of Signal, control and power cables.
7. Involved in the process and pneumatic impulse line SS tubing of all process instruments and pneumatic valves.
8. Involved in simulation & cold checks of individual loops.
9. Involved in Calibration of instruments for Sulphur Recovery & Solvent Regeneration Units.
10. Responsible for Daily Progress Reports, defects and deviations in Solvent Regeneration Units and its corresponding DCS systems.
11. Involved in the Erection & Pre-Commissioning of various types of primary and secondary instruments like pressure, flow, level, temperature sensors, Control valves, Motorized Valves etc.
12. Involved in Erection & Pre-Commissioning of Telecommunication, Fire and Gas systems.
13. Responsible in rising of RFI for instruments such as pressure, flow, level, temperature sensors, Control valves, Motorized Valves etc.
14. Responsible in closing of all punch list items.

**i) Company : SIMHAPURI ENERGY LIMITED (2x150MW COAL BASED TPP)**

**ii) Work Period :December 2010 to June 2013**

**iii) Job Title: Control and Instrumentation Engineer.**

**iv) RESPONSBILITIES**:

1. Involved in compiling of number of Input/Outputs, Checking of erection drawings, erection of control panels & Cable routing decisions.
2. Involved in cable wiring & termination, cold checks of individual loops & simulation.
3. Involved in the Commissioning and testing of Turbine and DCS system.
4. Responsible for Daily Progress Reports, defects and deviations in Turbine and DCS systems.
5. Involved in the Erection & Commissioning of various types of primary and secondary instruments like pressure, flow, level, temperature sensors, Control valves, Motorized Valves etc.
6. Involved in the commissioning of TSI, ETS & DEH system.
7. Involved in the aspects of Testing & Calibration of various types of primary and secondary instruments like pressure, flow, level, temperature sensors, Control valves, Motorized Valves.
8. Define the scope of projects while contributing to the project as the Erection Engineer and the areas of timemanagement & manpower planning for the project execution.
9. Meeting consultant before drawing preparation to get proper inputs for drawing preparation. Getting Approval of drawings / documents from consultant, Providing Technical Clarifications & conducting project reviews as per agreed plan and schedule.
10. Efficiently Preparation of project planning, review of monthly invoicing plan, delivery schedule etc. for smooth execution of orders.

**i) Company : M/S RABCORP (System Integrator for M/s. ABB Ltd)**

**ii) Work Period :July 2008 to December 2010**

**iii) Job Title: Instrumentation Engineer**(Elect. & Instrumentation).

**iv) RESPONSBILITIES**: Commissioning of PLCS and Field Instrumentation. Testing & Calibration of Field Instruments such as Pressure Transmitters, Level Transmitters, Ultrasonic Level Transmitters, Differential Pressure Transmitters etc and Commissioning and servicing of Variable Frequency Drives.

Electrical panel design of the system (ABB drives, PLC & Instrumentation) and drawings.

**v) PROJECTS COMPLETED:**

1. INSTRUMENTATION: Worked as a Site Engineer in **SHIP BUILDING CENTRE** for the works in Electrical & Instrumentation at Naval Base, Vizag and at CHILLED WATER PLANT at **VIZAG STEEL PLANT**

* Knowledge in P & I diagrams and in Instrumentation erection sketches.
* Knowledge in the erection of impulse tubing for Differential Pressure Gauges (0-150mmwc), PressureIndicatingTransmitters, Differential Pressure Transmitters at Air / Inert gas service for Hepa / Pre Filter area.
* Involved in mounting of Static Head Type Level Transmitters, Ultrasonic Level Transmitters, Level Gauge Glasses, Temperature Gauges, Temperature Transmitter and Temperature element along with Thermo well (0-50deg c).
* Testing and Calibration of Field Instruments such as Transmitters, Gauges, Flow meters etc.
* Involved in the erection of Orifice Plate Assembly in the pipe line of 200NB and 250NB.
* Involved in the erection and Commissioning of Flow Transmitters and Pressure Transmitters in the inlet and outlet pipelines of three Chillers at **VIZAG STEEL PLANT**

1. PLC SYSTEMS had commissioned in **SHIP BUILDING CENTRE & VIZAG STEEL PLANT (**applications: steel transfer car, charging car, and slag cut-off device) in SMS, COCCP ZONES with assigning of more than 200 Digital & Analog I/Os.
2. SCADA System: **CITECT Scada** had commissioned in **SHIP BUILDING CENTRE.** Creating the mimics, Tag list, alarms and complete simulation was carried out in SCADA
3. 2 AC Variable Frequency Drives had commissioned (PARAMETRIZATION, PANEL CONTROL DESIGN) in **PEARL BOTTLING PLANT** with range upto 210 KW.5 AC Variable Frequency Drives had commissioned in **STEEL PLANT** for the areas of **RMHP, SINTER PLANT** in which the application of reclimers, which consists of 3 forward speeds, 1 rev speed (2w inch speed) in this cross travel with range of 30 kW for material conveyed by bucket wheels and long travel is for material connected to conveyor belts and moving of total system.

**CERTIFICATIONS:**

* Had appreciated with best Instrument Engineer award for the project **56" EWG-2 LOOP -2, 56" EWECG-1 & 30" KAEC pipeline at Jeddah, K.S.A.** by **Saudi Aramco.**

**STRENGTHS:**

1. Highly organized and dedicated, with a positive attitude.
2. Ability to work in-group as well as independently under minimal supervision.
3. Self Confidence.
4. Good Communication skills.

**PASSPORT DETAILS:**

Passport NO: L1623285

Date of Issue: 21/05/2013 Date of Expiry: 20/05/2023

Place of Issue: VISAKHAPATNAM, AP

**PERSONAL DETAILS:**

# Name : K.P.PRAVEEN

**Father’s Name :** L.PAPPACHEN

**Date of Birth :** 23 - 3 - 1987

**Marital Status :** Married

**Languages Known :** English**,** Hindi, Malayalam and Telugu.

**Nationality :** Indian

**Declaration**:

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

**Place:** Kollam

**Date:** **K.P.PRAVEEN**