

RUPESH R AGRAHARI

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Sunder Baug Kamani

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Instrumentation Engineer

Career Objective

- To grow in my career by gaining a professional position with greater responsibility and challenge which will maximize natural strength as a problem solver and where my formal education and technical expertise will have direct influence on company growth and customer satisfaction.

Summary

- More than **TWO years** of professional experience in Oil & Gas, Refinery, Chemical and Petrochemical Projects.
- Professional training from **RCF Plant** for Process Instrumentation & Control.
- Programming knowledge of PLC in Electro Hydraulic & Electro Pneumatic.
- In-depth knowledge of data sheets, instrument drawings, I/O wiring diagrams, P&IDs, calculation and specifications.
- Hands on Experience in Measuring, Controlling & Calibration of Field Instruments including Transmitters & Switches (Level, Temperature, Pressure & Flow) using HART Communicator & different types of control valves, PID Tuning.

EXPERIENCE

■ Vasu Chemicals, India

Working as Technical Project Executive

➤ Projects:

Title : LPG Mundra – BOP Project
Client : Adani LPG Mundra Terminal , Gujarat India
Role : Instrumentation Engineer
Duration : Jan 2017 to Present

Roles & Responsibilities:

- Develop instrumentation installation drawings, datasheets & specifications, in full compliance with recognized industry standards, safety standards & client specifications. Preparation of calculation sheet for installation of different instruments.

- Development/Determining the correct installation for instrument. Responsible for design and development of instrumentation system for industrial facilities.
- Testing and commissioning of machines with respect to C&I Elements.
- Working collaboratively with design engineers, operations engineers, purchase & other internal staffs.
- Monitor projects & workloads to meet deadlines & schedules. Interface effectively with contractors & other groups to meet project requirements & deadlines.
- Set priorities & execute work with minimum direct supervision.

■ **DAS Offshore Engineering Pvt Ltd, India.**

Working as Instrumentation Engineer.

➤ **Project:**

Title : Daman Development Project
 Client : ONGC , India
 Role : Instrumentation Engineer
 Duration : 3rd July 2015 To DEC 2016

➤ **Project:**

Title : C26 Cluster Pipeline Project
 Client : ONGC India
 Role : Instrumentation Engineer
 Duration : 2nd NOV 2015 To DEC 2016

Responsibilities:

- Documented engineering project, specifications & procedures for instrumentation projects.
- Preparation of Detail Field Engineering Doc. I/O List, JB Schedules, Cable tray Layouts.
- Successfully completed the modification of wellhead platform.
- Supervision on Technicians for Calibration & Testing of instruments like Instrument switches Transmitters, Control Valves, Shut down Valves, Pig Indicator, Pressure safety valve, Pressure & Temperature gauges etc.
- Installation of K.O.D (Knockout Drum) and related instrumentation
- Perform the modification of HIPPS (High Integrity Pressure Protection System) as well as SDP (shut down panel).
- Broad experience in handling different types of field Instruments, Measuring devices, and different types of Control Valves, Motor Operated Valves, and Actuators).
- Simulation, Calibration & trouble shooting of all Field Instruments including: Transmitters (Level, Temperature, Pressure & Flow) using Hart Communicator.
- Inspection and witness of Instruments and control system and to ensure that equipment, materials are inspected on arrival at site and prior to final closure as appropriate.

- Modification and installation of **HPU** (Hydraulic Power Unit) and Solar Panels.
- Exposed to the support fabrication work of angles and channels required for the project and familiar with all types of tools and tackles of instrument fitters, electricians, welders and helpers.
- Participated site acceptance test, commissioning and start-up activities.

Academic Projects & Paper Presentation

- Automatic Fruit Grading And Sorting Machine.[2014-15]
- OP-amp based Listing Bug.[2013]
- India is a Global Manufacturing HUB what should various Stakeholders do? with **EMERSON INDIA** in CII TECH Connect Event.[2014]

Educational Qualification

- **B.E in INSTRUMENTATIONENGINEERING** **2015**
Vivekanand Education Society Institute of Tech, Mumbai University Agg.66.30%

Industrial Professional Training

Industrial Engineering Training in Process Instrumentation at:

- **RCF (Rashtriya Chemical Fertilizer), Mumbai.**
 - Study of Rapid Wall & BMH Plant Process Instrumentation & Control
- **ATI, Government of India, Mumbai.**
Monitoring, Controlling & Calibration of Field Instruments
 - Process Instrumentation & Control**Programming in PLC Electro Hydraulic & Electro Pneumatics**
 - Siemens (S7-1200)&Allen Bradley (RS-Logix 500)**AUTOCAD (2014-15)**
 - 2D & 3D

Extracurricular Activities

- Event head for event called INSTRUMENTAL &EGG Drop
- First price in Cricket

Soft Skills

- Operating System: Windows XP, 7 & 8
- Design Tools: Microsoft Word, Excel & PowerPoint, Auto-Cad

Strengths

- Enthusiastic, Well organized and able to get along well with the people
- Ability to understand, Grasp, Develop and work on new projects

- Effective team player and adaptable with zeal to learn new things

Personal Details

Profile : 10 May 1994, Male, Single
Nationality : Indian
Languages : English, Hindi & Marathi
PASSPORT NO : Z3410238

Declaration

I hereby declare that the above-mentioned details are true to the best of my knowledge. If appointed, I assure you my sincere service and my best efforts to your esteemed Organization.

Place: Mumbai

Date:

RUPESH R AGRAHARI