

CURRICULUM VITAE

Dodraj Ratnakar

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Address:-

C/O – 703,Building No.37,Meter Room No-2 SRA Project , B/H BPCL
2/5,2/7A,2/7B Of Village Mahul ,Chembur ,Mumbai, 400074.

INSTRUMENT ENGINEER ; B.Tech. In (ELECTRONICS AND INSTRUMENTATION)

Pass out - 2014. 6 years of experience in the field of Maintenance, Installation , commissioning and Project works in Refinery , Petrochemical , oil & Gas Industries, Chemical Plant & Transmission line.

Objective :

To be part of an organization where growth prospectus is very high & individual is recognized by his work. I am looking ahead to work in an environment & strive for the excellence in an atmosphere where teamwork & sincerity is valued most.

Work experience:

- ✓ Worked as an Instrument Technician with Ober Construction Enterprises (P.) LTD From 10th May 2014 to 28th December 2016 date.

Ober Construction Enterprises Pvt. Ltd. is West Bengal Under the contract of I.O.C. L Refinery, Haldia, West Bengal, India.

- ✓ Worked as an Instrumentation Engineer with Nasha Automation From 1st Jan 2017 to 10th Jan 2018.

Nasha Automation is Makarpura , Vadodara Gujrat , under the project of Shiva Pharmachem Ltd. EC Canal road , Karkhadi , Gujarat & Deccan Chemical India Private Limited, Kesavaram East Godavari, India And All Different site in all Over India.

- ✓ Worked as an Instrumentation Engineer With Miraj Instrumentation services From 16th January 2018 to 14th march 2019.

Miraj Instrumentation services is Thane(W) Maharashtra Under the Work Site of Rashtriya Chemicals and Fertilizers Limited , Chembur , Mumbai

- ✓ Worked as an site engineer with team Lease services limited from 18/03/19 to 15/06/2020.

Team Lease service limited is under the contract of Siemens Ltd, Kalwa, Mumbai working site of NEA Syuchatar, Kathmandu , Nepal project.

- ✓ Worked as an Instrumentation engineer with Aarvi Encon Limited 21/08/2020 to Till Now.

Aarvi Encon Limited is under the contract of BPCL, Maul Goan, Chembur , Mumbai .

Job Profile:

My responsibilities are:-

- Maintenance (Pneumatic controllers, Smart Transmitter, Switches, gauges, pneumatic transmitter & Valve).
- Good skill in pneumatic lining.
- Hand on experience in instrumentation, panel wiring & field termination.
- Preparation of Specification, instrument selection and sizing.
- Surveying of field instruments and control rooms.
- Site experience on instrument installation / testing / commissioning.
- DCS/PLC Software/Hardware design and engineering.
- Development of Control logic using Siemens, Delta V & AB (Allen Bradley).
- Installation of field Instruments F&G Detectors and Panels.
- Field instruments (Pressure, flow, temperature) Preventive, breakdown, shutdown, condition based maintenance and troubleshooting work.
- Execute maintenance work through online Permit to work system. Spare material procurement work, shutdown or PM Job Planning, project work execution through SAP system. Manpower i.e (capacity) planning work through SAP, toolbox/Safety talk given to the juniors/colleague
- Job execution with world class HSE standards, Conducting toolbox talk to concern persons for job execution,
- Identify Instrumentation Reliability problems; take proactive action to resolve reliability issues. Improve reliability through Applying new technology or new technique in to the system.
- Identify areas of obstruction / breakdowns and take steps to rectify the equipments through application of trouble shooting tools; analyze root cause in breakdown / safety incidents, take appropriate action; safely execute task within schedule, continuously improve performance
- Conversant with API,ISO,ASME,AGA,NFPA standard code for Instrumentation
- Revamping Project, Engineering and Vendor different drawing & Documents review work.
- Project execution and manpower Planning work.
- Flowserve, fisher make positioner commissioning, configuration with OEM vendor.
- Pressure/flow/level Field Instrumentation I & C work, CCR and Field ESD switch performance and cause & effect checking work.
- Flowserve valve and its accessories like limit switch, SOV I&C, performance checking work.
- Preparation of as built markup drawing in Process engineering flow scheme/loop drawing/JB connection drawing.
- Dealing with different Contractor for Instruments project execution.
- Conversant with standard codes for Instrumentation.

- Procurement work of field instruments, Preparation & Review of instrument datasheet, TBE ,vendor documents.
- Calibration of Pressure transmitter, Temperature transmitter, Defferential transmitter, RTD Transmitter & Label Transmitter.
- Inspection of installation, pre-commissioning & commissioning.
- Experience in maintenance and calibration of pneumatic and electronic temperature, pressure, flow and level Transmitters such as Endress + Hauser ,Yokogawa Blue Star, Rosemount, Foxboro , Honeywell etc.
- Maintenance of control valves of different make and models, related equipment's such as E/P converters, positioners, pressure switches, pressure gauges and air filter regulators
- Erection and maintenance of temperature elements such as RTD, thermocouples, temperature switches and temperature gauges. Erection, commissioning, Maintenance of Instruments for temperature measurements like thermocouple, resistive temperature detector (RTD), TI and TS, Pressure measurements like PT, PI, DPT, DPS, FT, PS, Level measurements like Ultrasonic, Radar, Radio frequency, Conductivity.
- Preparation & Technical review of Engineering Drawings such as P&ID, FEED Documents , Instrument Index, Instrument loop Diagram & Instrument Segment Diagram, instrument datasheets ,Instrument Cable Tray Layout, Cable schedule, Wiring Diagrams, Level Setting Diagrams, Cause & Effects , DCS/PLC I/O list and Interconnection schedule (ICS). Erection, commissioning, Maintenance of Instruments for temperature measurements like thermocouple, resistive temperature detector (RTD), Pressure measurements like PT, PI, DPT, DPS, FT, PS, Level measurements like Ultrasonic, Radar, Conductivity.
- Acquainted with P&ID, Hookup drawings, electrical drawings.
- Calibration of panel mounted instruments like recorders, receiver indicators and flow integrator.
- Hands on experience Siemens 11KV SCADA & IMM (Information Model Management) Software .
- Commissioning of proliant server (EMS , COM, AO, UCI, RO & OTS)and worked with LINUX command.

Educational Qualification:

| Sr. No. | Examination | University | Year of Passing | % & CGPA Obtained | Class Obtained |
|----------------|--|-------------------|------------------------|------------------------------|-----------------------|
| 1 | B.Tech (Applied Electronics & Instrumentation) | BPUT | 2014 | 6.68 CGPA | First Class |
| 2 | 12 TH | BSEB | 2009 | 66.66% | First class |
| 3 | 10 TH | BSEB | 2007 | 60.40% | First class |

Personal Profile:

Date of Birth : 24th Oct 1992.
Gender : Male.
Nationality : Indian.
Marital status : Unmarried.
Languages : Hindi & English.
Community : Hindu .

Passport Details:

Passport No. : Z2637624
Validity : 22/07/14 to 21/07/2024

DECLARATION:

I hereby declare that all the details furnished with this are true to the best of my conscious.

DATE:
PLACE:

(Dodraj Ratnakar)