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## Career Objective

**Seeking a challenging career with growth potential apt to my Qualification and which would enhance my knowledge in the area of Electronics & Instrumentation Engineering.**

## Work Experience

### **INSTRUMENTATION ENGINEER**

- Working as a **Instrumentation engineer under a subcontract of ABB in IOCL Terminal (Goa)** from December 2019 to January 2021.
- Experienced in Dormant and dispatch of fuel tanks in IOCL Terminal, and control action of deferent bays.
- Experienced in terminal automation system and different tank modes.
- Experienced in bay number 1 to9.
- Experienced in controlling and operations of IOCL Terminal site.
- Experienced in ABB DCS, Safety PLC, SCADA operations of IOCL control room.
- Experienced in 1-18 tank operations in IOCL terminal.
- Experienced in different types of oil flow meters and its troubleshooting.
- Experienced in different types of field instruments.
- Experienced in different types of oils (ATF, HFSP,SK,FO) filling and pumping.
- Experienced in DBBV and ROSOV valves.
- Experienced in different shutdown buttons and plant shutdown operations.
- Experienced in different types of pressure,level,temperature,flow sensors.
- Experienced in safety plc AC800M and air eliminator.
- Experienced in measurement, controlling troubleshooting of different types of flow meters and its loop checking.
- Experienced in tanker lorries filling with passing in and out of the terminal.

## **INSTRUMENTATION ENGINEER TRAINEE**

- Worked as a **Graduate Engineering trainee** for **Fluid Control and Research Institute (FCRI)** from Dec-2018 to Dec-2019.
- Experienced in flow meters calibration and configuration (Electro-magnetic flow meters, Mass flow meters, Ultrasonic flow meters, PD meters, Turbine flow meters, Vortex flow meter, Coriolis flow meter, Rota meter, Flow Nozzle) of Micro-motion, E+H, ABB, Rose mount, Khrone, Siemens, Yokogawa, GE, etc. with reference to ISO4185.
- Experienced in CV test of different types of valves like Globe valve, Butterfly valve, check valve, Pressure release valve with reference to ISA 75.02.01.
- Preparation of uncertainty calculations, calibration and testing reports
- Responsible for the routine maintenance and troubleshooting of field instruments in oil flow and water flow laboratories.
- Experienced in the maintenance of instruments using HART 475 and prolink software.
- Associated with **NABL** Assessment of oil flow and waterflow laboratories.
- Handled in-plant training students, foreign faculties and customers of LPSC, ONGC, IOCL, BPCL ETC.
- Experienced in different types of flowmeters in all MNC companies in India.
- Experienced in use and maintenance of instruments such as RTD, level indicators, differential pressure transmitters etc.

## **INSTRUMENTATION SUPERVISOR**

- Worked as a **Instrumentation Supervisor** under sub contract of **Emerson Process Management in BHARAT PETROLEUM CORPORATION LIMITED Kochi refinery IREP** Project from June 2017-December-2018.
- Key role is to perform commissioning, troubleshooting, calibration and loop checking of field instruments (Rosemount, Abb, Yokogawa, Honeywell etc.)
- Experienced in Endress+hauser and Emerson flow meters commissioning project.
- Experienced in different types of transmitters and sensors.
- Experienced in networking, wiring, troubleshooting and loop checking of different instruments and control systems.

## Academic Qualifications

- B.tech in Applied Electronics and Instrumentation Engineering.  
Royal college of engineering and technology, Akkikavu , Thrissur, Kerala-  
2014- 2017  
**CGPA: 7.43**
- Diploma in Instrument Technology  
Govt. Polytechnic Collage, Palakkad, Kerala – 2011-2014  
**CGPA: 8.1**
- Plus Two(Computer Science, Board of Higher Secondary Examination)  
T.H.S.S Ayaloor, 2009-2011  
**PERCENTAGE SECURED: 73%**
- S S L C (Board of Secondary Examination)  
B.S.S Gurukulam, Alathur-2009  
**PERCENTAGE SECURED: 91 %**

## Career Skills

- Troubleshooting of Emerson wireless instruments installed in petroleum or other industries.
- Testing of various types of valves.
- Calibration of various flow meters.
- Troubleshoot issues with various EMERSON flow meters such as Mass, Magnetic and vortex flow meters.
- Eager to learn, innovative, creative and ambitious.
- Good organizational and interpersonal skills with leadership qualities.
- Capable of working effectively under pressure and managing stress while producing work environment.
- Good communication skills.
- Job oriented & highly technical personality.
- Handling of control room and site operations
- Project handling
- Servicing and metering
- Loop checking and wiring
- Customer handling

## Computer and Software Literacy

- Emerson's Prolink III.
- Maintenance of custody transfer flow metering skills
- Fully conversant with MS Office, MS Excel ,MS Power point
- Basic awareness about Lab-View and PLC, DCS systems.
- Excellent Typing skills in English.
- HART 475
- Safety PLC AC800M
- SCADA
- Terminal Automation
- Troubleshooting of all flow meters
- Networking
- Pump operations
- Shutdown operation

## Language Proficiency

1. English – Reading, Writing &Speaking
2. Hindi – Reading, Writing & Speaking(Average)
3. Tamil-Speaking
4. Malayalam – Native Language

## Personal Profile

NAME	:	VASYAKRISHNAN M
AGE	:	26 YEARS
GENDER	:	MALE
D.O.B	:	01.06.1994
PASSPORT No/Expiry	:	L2362716/19-06-2023
PAN No	:	BWNPV8621C
MARITAL STATUS	:	SINGLE
PERSONALITY	:	Well Groomed and Attractive Personality
NATIONALITY	:	INDIAN
FATHER'SNAME	:	MOHANAN M
OCCUPATION	:	FARMER
MOTHER'SNAME	:	JAYALAKSHMI G

## References

### 1. P K Suresh

Fluid Control and Research Institute (FCRI)- Palakkad

Deputy Director at FCRI Palakkad

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### 2.NARAYANAN P

Emersion Process Management Pvt.Ltd.

Service Engineer at Emersion Process Management

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## DECLARATION

I hereby declare that all the information stated above are correct and are done best of my knowledge.

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Vasya Krishnan M

Date