

**R.AMARNATH**

B.E. Electronics and Instrumentation Engineering.

**Mail id:** - [amarnath25.r@gmail.com](mailto:amarnath25.r@gmail.com)

**Mobile no:** - +91 8790892645.

**Career Objective:**

Electronics & Instrumentation Engineer with 6+ years experience. Good Interpersonal and Communication abilities and posses a wide range of Technical skill.

**Educational Qualifications:**

- ◆ Completed B.E Electronics & Instrumentation from Maharaja Engineering College with aggregate of **75 % ( First Class )** in the year of 2014.
- ◆ HSC from Government Boys Hr.Sec.School with **81%** in the year of 2010.
- ◆ HSC from Government Boys Hr.Sec.School with **94%** in the year of 2008.

**Summary of Skills:-**

Trouble Shooting, Root Cause Analysis, and SOP's.  
Preventive Maintenance and Schedule preparation.  
Commissioning and Calibration.  
Project Experience, I/O List Preparation, and Hook up diagram.  
Loop Checking from Field to DCS Marshalling Cabinet.  
PLC Programming, DCS.  
HAZOP, HIRA, ISO documentation.  
SAP, Capex, Budget Preparation.

**Working Experience:**

1.)

**Organization:** Epsilon Carbon Pvt Ltd. (JSW Group), Bellary.

**Duration** : From September 2020 to till date.

**Designation:** Assistant Engineer-Instrumentation.

**Current CTC:** 5.2 Lakhs / annum.

**Job Description:**

- ◆ Supervising, Erection and Commissioning of Instruments like TT's, PT's (Yokogawa, Rosemount, Honeywell, Siemens make), Control Valve (Emerson make), Knife Gate Valves (Bray Controls make), ON-OFF Ball valves (Cesare Bonetti make), Butterfly Damper valves, Zero Speed Switches, Load Cell etc.

- ◆ Dismantling and assembling experience in Solenoid valves made by Asco, Festo.
- ◆ Installation and testing of Instruments and its accessories including installing and testing of panels as per the project documents i.e. Loop diagram, Hook up, Cable schedule, Logic diagram, Installation layout, Cold and Hot loop checking.
- ◆ Installation and hook up of instruments with existing systems.
- ◆ Continuity and loop checking of instruments after installation.
- ◆ Basic knowledge in Yokogawa Centum VP DCS system.
- ◆ Supervising cable lying, Tray routing, Glanding and Termination assistance to the instrument contractor for commissioning activities.
- ◆ Review P&ID, Instrument Index, Instrument/Equipment Datasheets, GA Diagrams, Cable Schedule, JB Schedule, JB Layout drawings, Instrument hookup and installation activity, Instrument location plan layout, cable routing etc.
- ◆ Area owner of Kilburn make Rotary Dryer of Capacity 160TPH.
- ◆ Analyzers - Sox, Nox Analyzers (DT-50, SPM and CEMS) SICK make.
- ◆ Prepared documentation and presentation in HIRA, Aspects and Impacts, QA.
- ◆ Knowledge and done ISO 9001 clause, 14001 clause, 45001 clause documentation. (SOP preparation, Root cause analysis.

2.)

**Organization:** THG Publishing Pvt Ltd. (Kasturi and Sons Ltd).

**Duration:** From November 2015 to Sep 5, 2020.

**Designation:** Assistant Engineer cum Press inCharge.

**Current CTC:** 4.5 Lakhs / annum.

#### **Job Description:**

- ◆ Looking after entire plant Maintenance.
- ◆ Knowledge in PLC's like Mitsubishi FX2N and FX3U series, Q series CPU's.
- ◆ Experience in Servicing DC Motors of rating from 0.5KW to 130KW.
- ◆ Hands on experience in Servicing Atlas Copco GA11 Screw Compressor (11KW) and also ELGI 7.5KW Rotary Compressor.
- ◆ Knowledge in troubleshooting / In House servicing of PCB's, DC Drive Cards, TRIAC Cards.
- ◆ Knowledge in Operating and regular checking of Diesel Generator of capacity 380KVA.
- ◆ Knowledge in SAP.
- ◆ Cost reduction and Inventory Maintenance & Control.
- ◆ Work Planning, PM, Daily Maintenance, Breakdown report and Documentation Preparing.
- ◆ Experience in Control wiring DOL Starter, Star Delta Starter.
- ◆ Knowledge in Interfacing Mitsubishi PLC I/O Modules.
- ◆ Spare Balance investigation and Inventory Control for all Instrument Spare Parts.
- ◆ Preparing and Maintaining PM Schedule and providing Technical support to the team.

#### Roles and Responsibilities as a PRESS IN-CHARGE:

- ◆ Looked after Press Maintenance and Operations.
- ◆ Knowledge in single width Manugraph make Hi line 45 offset printing press of Maximum Machine sped 45000IPH.
- ◆ Conducting weekly meeting regarding Printing Qualities and process improvements.
- ◆ Maintaining and preparing shift schedule for the staffs.
- ◆ Maintaining good relationship with vendors and AMC persons.
- ◆ Knowledge in 5S Standards, Six sigma, Kaizen tools.
- ◆ Knowledge in preparing AOP, Budget Proposals, Inventory maintenance.
- ◆ Having awareness in Industrial Statutory Compliance like PCB's, Inspector for Factories etc.
- ◆ Conducting safety mock drill 3 months once and walk through audit.

#### 3.)

**Organization:** Operational Energy Group India Pvt Ltd.

**Duration:** 2014 - 2015.

**Designation:** Instrumentation Technician.

**Current CTC:** 1.2 Lakhs/annum.

#### Job Description:

- ◆ Detailed Maintenance, Commissioning and Development Co Ordination of Instruments and Control Systems in both reputed **Printing Industry and Power Plant of capacity 30MW.**
- ◆ Worked on **BABCOCK and WILMAX** make Boiler of capacity 150TPH Travelling grate boiler, with operating pressure 105bar and Temperature 525 deg.celcius.
- ◆ Hands on experience in Field Instruments like TT, PT, LT, Control Valves, Knife Gate valves, Analyzers, Solenoid Valves, Proximity Sensors LVDT, Potentiometer etc.
- ◆ Installation and Commission of Instruments and Systems.
- ◆ Inspection of items supplied by the customer.(thirdparty)
- ◆ Looking after Field Instruments like PT, LT, TT, FT (E&H) etc.
- ◆ Knowledge in RTD (3 wire, 4 wire), Thermocouple (K type, J Type).
- ◆ Knowledge in Control Valve calibration.
- ◆ Knowledge in Loop checking from Field to DCS panel.
- ◆ Installation of cable ducts/trays ,junction boxes and distribution boxes, control panels, marshalling cabinet racks, DCS panel console and related auxiliaryworks
- ◆ Understanding of P&I drawings, Instrument data sheet.
- ◆ Operation and Troubleshooting of Ash Handling system. (Worked along with Third party during erection).
- ◆ Boiler instruments Interlocks checking as per documents and drawing.

#### Software Skills:

- ◆ Mitsubishi FX-2N, FX-3U, Allen Bradley, Delta PLC Ladder Logic Programming and interfacing of I/O Modules like DI, DO, AI, and AO.
- ◆ Knowledge in basics of PYHTON Programming.
- ◆ Knowledge in Electronics Designing software like Proteus, Pro CAD.
- ◆ Knowledge in C Program basics ,Aurdino Programming
- ◆ Knowledge in MS Word, Power Point, Excel.

**Strengths:**

- ◆ Dedication, Enthusiastic.
- ◆ Maintaining good relation with colleagues and my Superiors.
- ◆ Easily adapt with new environment.
- ◆ Interest to know new stuffs.
- ◆ Time Management.
- ◆ Problem solving.

**Personal Information:**

Name: R.Amarnath  
Date of Birth: 25.11.1992.  
Sex: Male.  
Marital Status: Single.  
Address: 4/758, Meena Nagar,  
Sankar Nagar,  
Udumalpet- 642126.  
Tiruppur District.  
Linguistic ability: Tamil, English, Telugu, Kannada, Hindi.

**Passport Details:**

Passport Number: MO765741.  
Date of Issue: 06/08/2014.  
Date of Expiry: 05/05/2024.  
Place of issue: Coimbatore.

**Acknowledgment:**

I hereby declare that the above mentioned particulars are true and correct to best of my Knowledge.

Thanking you

Yours Sincerely  
(R.Amarnath)