

## RESUME - INSTRUMENTATION ENGINEER (OPERATION & MAINTENANCE)

**Mathankumar.P**

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Salem - 636 103.

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### **OBJECTIVE :**

To work in a creative environment, which utilizes my technical knowledge and teamwork attributes.

### **QUALIFICATION :**

S.No	Course & Name of the Institution	Year of Completion	% of Marks
1	B.E., Electronics and Communication Engineering at Thiruvalluvar college of engg and tech, affiliated to Anna University, Chennai	2014	67
2	HSC at C.S.I hr.sec.shool, Salem	2010	70
3	SSLC at Mahendra matric. hr.sec.school, at Kallipatti, Nammakkal.	2008	70

### **PROFESSIONAL EXPERIENCE :**

1. Hatsun Agro Products Ltd, Karumapuram Village, Salem - 636 103.

Designation : Sr.Officer - Instrumentation

Duration : Mar 2016 to Present (03 years 07 months)

### **JOB RESPONSIBILITIES**

- Responsible for full plant Instrumentation Maintenance Activities and reporting to Manager Maintenance
- Preparation of schedule for Preventive maintenance and New project activities
- Perform Breakdown maintenance for on all PLC & SCADA based Process,Utility Equipments with a team of Technicians and responsible for find out the root cause, corrective action for the same, responsible for shift shop floor management & man power handling

- Calibration of all field and laboratory instruments within a time period and create periodical schedule for internal calibration
- To maintain highest level of safety during all stages of operations to avoid any type of accidents.
- Local vendor's development for various Machines & Instruments components
- Responsible for clear the day to day Instrumentation related issues
- Maintaining a availability of spares for achieving Un-interrupted production
- Reduce Down time, Maintenance Cost and Increase Equipment efficiency
- Creation of SAP Maintenance Notification, Work Order, & Stock inventory Maintaining Report generation and documentation related to ISO, EIA audits and Organizational needs

## **WORKING KNOWLEDGE**

- Preventive Maintenance, Breakdown Maintenance
- Knowledge in PLC - Siemens, AB, Honeywell and ABB.
- Root cause Analysis & Corrective Maintenance, Continual Improvements
- PLC, SCADA, HMI based Process Reactors, Utility, Filling and Packing Machinery maintenance
- VFD based motor, Pump and Conveyor systems & Electrical control systems Troubleshooting
- Maintenance of ISO9001, ISO22000, ISO14000 Related Instruments Documents
- HACCP, FSMS, Good Manufacturing Practice
- Management Information System (MIS), Management Reviews (MRM)
- Able to Read P&ID layout
- Knowledge in **SAP - Plant Maintenance**
- Good housekeeping, Safe work practice & Work permit systems
- Passed in ISO22000:2005 and act as a internal auditor in Hatsun Agro Product Ltd

## **EQUIPMENT HANDLE**

- PLC : Allen Bradley micrologix 1200, Compactlogix 3, Siemens SIMATIC S7-200, 300, Honey well
- SCADA : Rockwell Factory Talk View, DigiV, Process Knowledge System
- VFD : Siemens, ABB, AB, Donfoss, Delta, Emerson, AB- Powerflex 400 & 700, Altivar, Eurotherm, Parker,
- HMI : Allen Bradley, Siemens, Schneider Electric

- PRESSURE : Pressure Transmitters, Pr. Switches, Pr. Gauges
- FLOW : Flow Transmitters, Flow Switches, Flow Meters
- LEVEL : Level Transmitters, Level Switches, Float Sensors
- EMPerATURE : Temperature Transmitters, RTD, Thermocouples
- VALVES : Samson, Dembla,Pneucon, Thinktop ( ON-OFF) Control Valves, Pr. Regulating Safety valves,
- POSITIONER : Siemens, ABB, Samson
- FIELD COMMUNICATOR: Emerson 475
- WEIGHING SYSTEM : Mettler Toledo, Essae Terroka, Nova Sartorius
- Pressure,Temp,Flow,Level Control,Monitoring Instruments Troubleshooting &Calibration
- Laboratory Instruments-pH meters,Ovens,Temp.baths,Centrifuge and analyzers
- VFD,PLC based Pumps& Conveyors Systems
- Metal Detectors, Online Printers, Weighing Scales
- PACKING MACHINE : Powder packing machines with PLC, Solenoid Valves, Inductive, Proximity sensors, Temp. Controller

#### **PROJECT HANDLED**

- Erection and commissioning of 8 ton Coal boiler automation.
- Erection and commissioning of Tanker wash Automation.
- Erection&Commissioning of 20 kl milk pastuerizer & seperator.
- Erection&Commissioning of plant CIP.
- Erection and commissioning of SCADA for monitoring level transmitter, temperature and 20kl pastuerizer.
- Coordination of Packing machines installation.

#### **TECHNICAL SET :**

Operating Systems	Unix , Windows(9X Series, Me, 2000, Server2003)
Pacackages	Ms-Office, Star Office and Open Office Tools
Data Bases	MS - Access
DTP	Pagemaker, Corel Draw and Adobe Photoshop
Business Management Software	SAP

**PERSONAL DETAILS :**

Name : Mathankumar.P  
Fathers Name : Pandu.P  
Date of Birth : 24-06-1993  
Age : 27  
Marital Status : Married  
Nationality : Indian  
Language Known : Tamil, English

**Declaration**

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

**Date :**

**Mathankumar.P**

**REFERENCE:**

1. Mr.A.SENTHIL KUMAR  
Sr.Deputy Manager-Maintenance( Instrumentation )  
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