

Bibin Thomas

Operation and Maintenance Technician

Clifton Heights, PA - Email me on Indeed: [indeed.com/r/Bibin-Thomas/25fc650433ada228](https://www.indeed.com/r/Bibin-Thomas/25fc650433ada228)

WORK EXPERIENCE

Operation and Maintenance Technician

EG&G MIDDLE EAST - ضايرلا - July 2012 to January 2016

RESPONSIBILITIES AT WORK

- Daily do the Mechanical, electrical, electronic maintenance and control system installation of security systems such as x-ray cargo inspection and X-ray Baggage scanner systems.
- Operation and Maintenance of Linatron X-Ray Accelerator System for Varian Medical System (Linatron M & MI Series)
- Troubleshoot all the electrical control systems.
- Inspection all equipments condition and make the PMI procedure.
- Operation and Maintenance of Smith Heimann Baggage Scanner.
- Make preventive maintenance on all computer software and hardware system.
- Installation and Preventive Maintenance of CCTV and Fire electronic alarm system.
- Operation and Maintenance of Cummins Power Generator.
- Maintenance of Air Condition Unit

Assistant Engineer Trainee-In DFM Team

SFO TECHNOLOGIES Pvt.Ltd - October 2010 to July 2012

RESPONSIBILITIES AT WORK

In DFM Analysis Team.

- BOM Analysis is done by using the BOM Manager tool.
- Valor part Library creation by using VLM Manager Tool.
- Bare Board analysis.(Signal layer check, Solder mask and Silk Screen Checks by Valor Tool)
- Assembly Analysis.(Different Analysis done by Valor Tool- Component Fiducial, Drill check, Thermal, Solder paste and SMD pad analysis)
- DFT (Design for testing) Analysis for In Circuit Test(ICT)

In Engineering QA Team

- Product File Verification for every proto build.
- Update the Consumable process combination for Iron Chromatography test on each project.
- Prepare Objective Data to improve the proto yield based on shipment details.
- Product File Verification for every proto build.
- Responsibility on First article Approvals and Engineering clarifications and Test Debugging of the Proto boards.
- Provide technical support to SMT (Surface Mount Technology) and Through-hole assembly lines for production of PCBAs (Printed Circuit Board Assemblies).
- Preparation of New Product Introduction (NPI), Process-flow and Control plan Guidance for Proto boards.
- Introduce New products with accurate Process flow definitions in each sections from SMD to Final Inspection.
- Preparation of QIP - Quality Inspection Plan report for PCB's.
- Preparation of QPM Records - Quality Planning Meeting Records.

Instrument Technician

BPCL COCHIN REFINARY - Kochi, Kerala - April 2010 to October 2010

RESPONSIBILITIES AT WORK

- Installation & calibration of the control valves
- Installation of Pressure and Temperature Transmitters
- Handle the tubing and piping process for control the Pressure Transmitter
- Establish the connections to control the signals from different gauges
- Expose on Cable Glanding, cable termination and tube fittings

ADDITIONAL INFORMATION

TECHNICAL QUALIFICATION

Diploma in Process Control Instrumentation

Institution: SIIT Thalayolaparambu, Kerala, India

Certificate: Certified in Instrument Attendant Chemical Plant under sector
CHEMICAL assessed by KITCO LTD.

TECHNICAL SKILLS

- Familiar with basic electronic components and knowledge in electrical symbols.
- Skilled in installation, operation, repair and maintenance of electronic, mechanical, instrumentation systems and equipments.
- Ability to identify, replace and explain the proper usage of electronic equipments and systems.
- Familiar with basic operating systems like windows XP, windows7, and also with application software like MS office word, excel, power point.

COMPUTER KNOWLEDGE

1. Windows XP, Windows 7, Vista, 98 & 2003
2. Computer hardware.
3. MS packages (MS office).
4. Graphic code preview Software.