

## **CURRICULUM VITAE**

### **PRESENT ADDRESS:**

**MILIND VIJAY GAVANDE**

**S/o VIJAY GAVANDE**

**NAVJIVAN PARK, BAVLA**

**DIST: AHMEDABAD**

**STATE: GUJARAT - 382220**

**CONTACT NO: + (91) 720381928**

**9010782757**

**milind.gawande3@gmail.com**

### **CARRIER OBJECTIVE**

To achieve the target of the most efficient and expert intellectual by hard work, dedication, innovative application of the knowledge and improve to the utmost possible extents by contributing to the organization from my part with the co-ordination and combined teamwork.

### **EDUCATIONAL QUALIFICATION**

<b>Education</b>	<b>University</b>	<b>Year of passing</b>
I.T.I in instrument mechanic	MUMBAI	2007
DIPLOMA IN Electronics & Telecommunication	KARNATAKA OPEN UNIVERSITY	2013

### **WORK EXPERIENCE**

- **Work Experience as an Assistant engineer – Maintenance & Projects in POLMON INSTRUMENTS PVT. LTD. Hyderabad from July 2008 to till date.**

### **COMPUTOR PROFICIANCY**

**Operating Systems:** Windows XP.

## PRESENT WORK PROFILE

**Name of the organization:** POLMON INSTRUMENTS PVT. LTD

**Duration:** 2008 JULY to Till to Date

**Location:** Hyderabad

**Designation:** Assistant engineer – Maintenance & Projects

## NATURE OF WORK

- ◆ Installation of Field instruments Like TT, APT, GPT, DPLT, Vortex Flow meter, Mass Flow meter, Magnetic Flow meter, Rota meter, Control valve & On-Off valve, Level Transmitter, Level switch, Pressure switch, RTD and Temperature Indicator.
- ◆ Location finalization of field Instruments, Junction Boxes, Air Headers and Control Panel
- ◆ Estimation of BOQ and I/O
- ◆ Preparing wiring diagram of Panel, JB Schedule and Cable Schedule.
- ◆ Termination, Cold & Hot loop Checking.
- ◆ Functional Design and Interlock Description.
- ◆ On site execution and troubleshooting.
- ◆ Validation Documents (RA, FRS, DQ, IQ & OQ) preparing and executing.
- ◆ Performance of qualifications (IQ and OQ).
- ◆ Coordinating the project related activities with client, vendor and Process Engineers.
- ◆ Participates in Loop Checking, Pre and Post-commissioning, shut down, break down and Start up activities. Performed calibrations, functional testing, cause effect, and verification of control applications.
- ◆ Project end to end responsibility
- ◆ Handling multiple projects by proper resource planning
- ◆ Understanding the project requirements, regular interaction with client
- ◆ Modbus Communication.

## PROJECT EXPERIANCE

Projects handled effectively in industries of our clients. Details as follows.

### **Project 1: Reactor Utility Automation and Reactor Process Automation**

**Location:** M/s. Zydus Cadila Unit-I & Unit-II (Gujarat-Ankleshwar & Dhabhasa), M/s. Alembic Panelav (Gujarat-Vadodara), M/s. Mylan Unit- II, III (Hyderabad), M/s. Mylan Unit- XI (Mumbai)

**Software:** Unity Pro XL, SCADA (Vijeo Citect 7.5, Wonder ware System platform 17.3), Historian

**Hardware:** Schneider PLC (PLCM340, M580), Analog and Digital I/O cards, CRA, NOM, XBE, NOC, NOE, Relay Board (24VDC & 230V) ISOS, Primary Server, Secondary Server and Clients

**Instruments:** On/Off Valve, Control Valve, APT, GPT, RTD, TT, Temperature Indicator, Radar LT, Level Switch, Flow Transmitter.

**Objective:** Reactor utility automation is used for operation of reactors. This utility automation will control the utilities like hot water, cool water, chilled water and chilled brine by using programmable logic controller (PLC) and Supervisory control and data acquisition system (SCADA) will try to maintain the heating and cooling time in particular set point.

- ◆ Preparing the equipment wise I/O List, Hook-up drawing, JB Schedule, Manpower Assessment, UPS power calculation
- ◆ Estimating the Erection material cable tray, cable, M.S. angle
- ◆ Closely coordinating with Automation team for smooth convergence of the project
- ◆ Erection activities like Tray routing, Cable laying, Instruments installation as per hook-up drawings, panel, JB and Air header installation.
- ◆ Termination activity like loop checking, ferruling, crimping and dressing
- ◆ Validation documents (PQP, RA, DDS, FRS, IQ, OQ, TRM, VSR) reviving and performing
- ◆ Commissioning the project up to client requirement.

### **Project 2: Solvent Recovery System**

**Location:** M/s. Zydus Cadila Unit-I (Gujarat-Ankleshwar), M/s. Zydus Cadila (Gujarat-Dhabhasa), M/s. Alembic Panelav (Gujarat-Vadodara), M/s. Mylan Unit-II, III (Hyderabad)

**Software:** Unity Pro XL, SCADA (Vijeo Citect 7.5), Historian.

**Hardware:** Schneider PLC (M340, M580), Analog and Digital I/O cards, CRA, NOM, XBE, Relay Board (24VDC & 230V), ISOS

**Instruments:** On/Off Valve, APT, RTD, TT, Temperature Indicator, Radar LT, Level Switch, Flow Transmitter.

**Objective:** A Solvent Recovery System is process system that takes effluent and extracts useful solvents and raw material back out of the process waste system. It will control the Reflux, Product, Feeding and Steam by using programmable logic controller (PLC) and Supervisory control and data acquisition system (SCADA) will try to maintain the heating and flow control time in particular set point.

- ◆ Preparing the equipment wise I/O List, Hook-up drawing, JB Schedule, Manpower Assessment, UPS power calculation, Instrument Air calculation
- ◆ Estimating the Erection material cable tray, cable, M.S. angle
- ◆ Closely coordinating with Automation team for smooth convergence of the project
- ◆ Erection activities like Tray routing, Cable laying, Instruments installation as per hook-up drawings, panel, JB and Air header installation.
- ◆ Termination activity like loop checking, ferruling, crimping and dressing
- ◆ Validation documents (PQP, RA, DDS, FRS, IQ, OQ, TRM, VSR) reviving and performing
- ◆ Commissioning the project up to client requirement.

### **Project 3: Solvent Dispensing System**

**Location:** M/s. Zydus Cadila-SEZ (Gujarat-Ahmedabad), M/s. Zydus Cadila Unit-I & Unit-II Gujarat-Ankleshwar), M/s. Zydus Cadila (Gujarat-Dhabhasa) M/s. Alembic Panelav (Gujarat-Vadodara), M/s. Mylan Unit-II, III (Hyderabad), M/s. Mylan FTO (Nashik)

**Software:** Unity Pro XL, SCADA (Vijeo Citect 7.2.), Historian, HMI (PI Studio, R-STHALL), ISOS

**Hardware:** Schneider PLC (M340, M580), Premium, Analog and Digital I/O cards, NOE, XBE, Relay Board (24VDC & 230V), Ethernet Switch, OFC Cable, Media converter

**Instruments:** On/Off Valve, Radar LT, Level Switch, pressure Switch, Flow Transmitter, DPLT, Capacitance LT, weighing Balance.

**Objective:** Solvent Dispensing System is transferring the solvent source to destination particular quantity. It will be dispensing solvent by using programmable logic controller (PLC) and Supervisory control and data acquisition system (SCADA) will try to Dispense the particular set point quantity.

- ◆ Preparing the equipment wise I/O List, Hook-up drawing, JB Schedule, Manpower Assessment, UPS power calculation, Instrument Air calculation
- ◆ Erection activities like Tray routing, Cable laying, Instruments installation as per hook-up drawings, panel, JB and Air header installation.
- ◆ Termination activity like loop checking, ferruling, crimping and dressing

- ◆ Validation documents (PQP, RA, DDS, FRS, IQ, OQ, TRM, VSR) preparing and performing
- ◆ Commissioning the project up to client requirement.
- ◆ Design the instruments as per process requirement
- ◆ OFC Cable Slicing.
- ◆ I/O Scanning one PLC to another PLC

#### **Project 4: Hydrogenation**

**Location:** M/s. ZyduS Cadila Unit-I & Unit-II Ankleshwar (Gujarat).

**Software:** Unity Pro XL, SCADA (Vijeo Citect 7.4, Wonder ware System platform 17.3), Historian

**Hardware:** Schneider PLC(M340), Analog and Digital I/O cards, XBE, Relay Board (24VDC & 230V), Server

**Instruments:** On/Off Valve, Control Valve, APT, GPT, RTD, TT, Temperature Indicator, Flow Transmitter, H2 Sensor, O2 Sensor.

**Objective:** Hydrogenation automation is used for operation of reactors. This utility automation will control the utilities like hot water, cool water, chilled water and chilled brine by using programmable logic controller (PLC) and Supervisory control and data acquisition system (SCADA) will try to maintain the heating and cooling time in particular set point and Hydrogen gas purging and inertization.

#### **Project 5: Online pH Recirculation**

**Location:** M/s. ZyduS Cadila Unit-I & Unit-II Ankleshwar (Gujarat), M/s. Mylan Unit-I (Hyderabad) M/s. Apicore Pharmaceuticals pvt. Ltd. (Gujarat-Vadodara), M/s. Medilux Laboratories Pvt. Ltd. (Madhya Pradesh-Pithampur), M/s. Alembic Panelav (Gujarat-Vadodara)

**Instruments:** pH Electrode, pH indicator, AOD Pump

**Objective:** Monitoring pH value try to maintain the given set point

#### **Project 6: Data Logging System & Environment Management System**

**Location:** M/s. Sun Pharma, Panoli (Gujarat), M/s. AET Lab (Hyderabad), M/s. Intas Pharmaceuticals-SEZ (Gujarat-Ahmedabad), M/s. Maker Laboratories Pvt. Ltd. (Gujarat-Ahmedabad)

**Instruments:** Temperature indicator, RTD, Clean Room Differential Pressure Indicator, RH & T Sensor and indicator

**Objective:** A Data Logging and Environment Management System involves to record the data one or more input (sensors) by using Modbus communication

### **SERVICE EXPERIENCE – INSTRUMENT**

- ◆ Instrument installation and Calibration of like RTD, Pressure Gauges, Vacuum Gauges, Pressure Switches, Temperature Indicator, Temperature Transmitter, Pressure Transmitter, Capacitance Level Transmitter, Flow Transmitter, Differential Pressure Transmitter, pH electrode and indicator, Weighing Balance, PID Controller, On/Off Control Valve, Proportional Control Valve.
- ◆ Expertise in troubleshooting and failure analysis with in-depth knowledge about the latest maintenance techniques.
- ◆ Analysis and study of P&ID Drawings, location lay out Drawings and Hook up Drawings.
- ◆ Instrument panel design and building in Microsoft Visio software.
- ◆ Preparing erection material estimation and cable schedule.
- ◆ Logics checking, Parameters Record sheets
- ◆ Main cable tray and branch cable routing, Main Cable and branch cable routing, Cable Testing.
- ◆ Knowledge on DOL, STAR & DELTA Starters.
- ◆ Knowledge on Power Diagram, Control Diagram of DOL, STAR & DELTA Connections.

## **PERSONAL DETAILS**

**Name:** Milind Vijay Gawande  
**Father Name:** Vijay Gawande  
**Date of Birth:** 05-08-1980.  
**Gender:** Male.  
**Marital Status:** Married.  
**Nationality:** Indian.  
**Languages Known:** English, Hindi, Marathi & Telugu.

### **PERMENT ADDRESS**

MILIND VIJAY GAWANDE,  
S/o VIJAY GAWANDE,  
Laboure colony Q.NO.29  
Chowdhury ward near hanuman  
Mandir, Hinganghat– 442301  
Dist.Wardha, State - Maharashtra

## **DECLARATION**

I hereby declare that the above information is true and correct to the best of my knowledge.