



## CURRICULAM VITAE

**Sushil D Jambhulkar**  
B.E Instrumentation  
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7758981358

### Profile Summary

A professional with 14 year experience in Instrumentation & Electrical maintenance and Utility management. **(DCS, PLC, SCADA Operated system)** with solid technical background, looking for a challenging position that will utilize my interest to the full extent, allowing me to grow into position of Broader responsibilities.

### Education

**B.E Instrumentation**  
from Govt. college of Engineering Chandrapur – Nagpur University in 2007

### Achievement

Successfully completed the Internal Auditor training of **ISO 9001:2015** Quality Management System by Dr. Sunil Thaman – IRCA approved lead trainer

### Present Employer

- ❖ Presently working as **HOD Instrumentation** With M/S Bhansali Engineering Polymer limited (BEPL) Satnour MP. BEPL is one of the leading **Petrochemical** Industry involve in manufacturing **(ABS)** High Rubber Graft **(HRG)** & **SAN** graft through Emulsion Polymerisation from 03/08/2020.

### Previous Experience

- ❖ Working as **Asst. Manager** Instrumentation in 6 MW (**Yokogawa centum VP**) DCS operating Captive Power Plant with M/s Raymond Uco Denim Ltd. Yavatmal. 16 /09/10 to 02/08/2020.
- ❖ Working as **Sr. Instrumentation engg.** In 20\*2 MW (**Yokogawa centum CS 3000, CS1000**) DCS operating captive power plant with M/S Hira Power and Steel Ltd Raipur from 01/04/2009 to 15/09/2010.
- ❖ 3) Working as **Instrumentation engg.** In 15 mw & 3 mw (**DELL& EMERSON MAKE**) DCS Operating captive power plant with M/s Murli Industries Ltd. Wadoda, Nagpur From 10/09/2007 to 30/03/09.

### Job Responsibilities

- ❖ Instrumentation & control of 15000MT ABS HRG & SAN manufacturing processes involves Monomer storage, Chemical mixing, Polymerisation, Agglomeration, Grafting, Master Batching, Flocculation, Filtration, Drying and Powder packing. Utilities like Boiler, N2 plant, Chilling plant, Colling tower, Air compressor, Air dryer, Quality control, R & D etc.
- ❖ Managing Preventive, Predictive and shutdown maintenance of plant and Utility, leading a team of 10 technicians and 3 engineers.
- ❖ Provide technical advice during troubleshooting and corrective action of instrument & Electrical breakdown or failures to find the root cause and best solution in order to restore the functionality back to normal.
- ❖ Identify study, propose, and implement area for improvement (project) in the field of instrumentation engineering to enhance operation and improve total equipment reliability.
- ❖ Familiar with Mass flowmeter, Electromagnetic Flowmeter, Vertex flow meter, LEL Gas detection system, Smoke detection system, Weighing Bridge and weighing scale.
- ❖ Possess extensive knowledge of Instrumentation & electrical regulations :  
  
Logic making, Graphics development & troubleshooting of **DCS** (Yokogawa centum VP, CS3000, CS1000, ABB AC800, EMERSON-DELTA V), **PLC** (Allen Bradley micro Logix 1000,1200,1400), **SCADA (Compact HMI 800, RS View32 SCADA, RS logic 500 software)** with control valve , on/off valve, FT, LT, TT, RTD,T/C & automation of plant.

Substation (33 KV/415 V), Switchgears, Transformer, circuit breaker , CT, PT, Relay panel, DG(1250 & 500KVA),Energy monitoring system, MCC, EMCC, PCC, AVR, Auto power factor correction panel, Earth pit, Power distribution system , motor, VFD, Actuators.

- ❖ **SAP** operating system for Monitor spare parts and inventory for critical Instrumentation & electrical to ensure availability when required in order to minimize production interruption.
- ❖ Supervise and groom Junior Instrument Engineer to develop his technical knowledge, skills and competencies in order to produce potential talent for future business needs.

**Total Experience**  
**14 Year**

**Field of Interest**

Erection and Commissioning of PLC, SCADA, and DCS operated fully automatic process (Power, Petrochemical, Rubber, Plastic, Pharma, chemical, explosive Cement,) industries.

**Programming language**

Ladder logic, SFC, FBD

MS Office, MS Excel

**Personal Details**

Name: - Sushil Dhanraj Jambhulkar  
Date of Birth: - 20th Oct. 1983  
Nationality: - Indian  
Sex: - Male  
Married

**Address**

At + Post -Adyal,  
Tah- Pauni,  
Dist- Bhandara  
441903  
Maharashtra State

- ❖ Instrumentation and control of 36 TPH, 65 Kg/cm<sup>2</sup>, CVL make AFBC boiler, Triveni make ext., bleed cum conditioning turbine. VA hydro makes Alternator.
- ❖ Having knowledge of **Woodward 505E** Digital governor for extraction turbine, Bentley Nevada makes vibration monitoring system,
- ❖ Planning Preventive, Predictive and Shutdown maintenance schedules, planning and Procurement of Spares, Purchase requisition, Maintaining Calibration records & certificates.

**Project Undertaken**

- ❖ Up gradation of DCS from YOKOGAWA CS1000 to CENTUM VP.
- ❖ Up gradation of VMS from Bentley Nevada 3300 to 3500.
- ❖ Up gradation of PLC operated system to SCADA
- ❖ PLC operated Reverse Osmosis plant, 600 m<sup>3</sup>/day capacity.
- ❖ Installation & Commissioning of Chilling plant.
- ❖ Installation & commission of new PLC I/O panel & retrofitting of existing PLC I/O panel for full protection.

**Core Competencies**

- ❖ Project Management & Execution.
- ❖ Instrumentation control & Electrical maintenance.
- ❖ Strategic planning & Budgeting.
- ❖ Process Enhancement, Energy Management & cost saving.
- ❖ Statutory requirement licensing of Walkie talkie, stamping of weighing system.
- ❖ Root cause failure analysis MTBF, JSA, T20, 5C, 5S, TTM, HAZOP & SAFETY AUDIT.
- ❖ Risk assessment & Mitigation
- ❖ Vendor Development.
- ❖ Testing and material inspection.
- ❖ Subordinate skill development
- ❖ Safety

**Salary**

- ❖ Present Salary: - 10 Lacks per annum
- ❖ Expected Salary: Negotiable.
- ❖ Notice Periods: 3 Month.

**Declaration**

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

**Date:**

**Place:**

**Signature**