**Curriculum Vitae**

**Shridhar.S.Neginhal**

**GSM :** 9686407690 **Mail:** [shridharneginhal@gmail.com](mailto:shridharneginhal@gmail.com)

**Objective:** Seeking to work anywhere in India in an esteemed organization where I can utilize my knowledge and skills with potential for career advancement and continuously upgrade myself with latest technologies.

**Academics**

* BE in stream of ECE with FCD marks from VTU. Belgaum -July 2011.
* PG diploma in industrial automation & system design NIELIT Kerala. Mar 2015.
* MBA in project management through distance from MANIPAL University 2017.

**Certifications, seminar& internship:**

* Participated in certification program, which held in MANGLORE on date 4 Jun 2012 to 14th Jun 2012 subject “PLC and SCADA” joint association with SCHEINDER ELECTRIC and GE.
* Intern at silicon-edge technologies Pvt ltd as Remote admin trainee Jul 2011 to Sept 2011.
* Represented seminar on topic “safety at working heights “from SSIL team organized by Kolhapur engineering association (KEA) MAHARASHTRA.
* **YOKOAGAWA centum VPFE 5 days Bangalore.**

**Technical skills: A) INSTRUMENTATION:**

**DCS :** Yokogawa CENTUM VP, ABB 800xXA.

**PLC :** Allen Bradley L 43, Siemens S7-300, S7-200, ABB PM581, Schneider PLC, Delta.

**SCADA:** Win-cc, FTME (AB), Dpsoft,I-FIX-5.0(GE), Pro-ficy , Vijeo designer, HKS Scada.

**Tools:** RSlogix5000, Rslogix500, Co-Desys, Centum VP.

**Comm. Protocol:** PROFIBUS, MODBUS, INTERNET/IP, RS232, RS485.

**Languages:** C, SEBOL (YOKOGAWA DCS), LD, ST, FBD (PLC), FBD&SFC (DCS).

**Field instruments:** Pressure transmitter, Pressure switch, level switch, level transmitter Differential pressure transmitter, flow meter(Magnetic , mass ,vortex flow meter),control valve, on-off valves, Dosing-pump, PH meter, Re-DOX meter, DO meter, Multipoint analysers , gas analyzers ,conductivity meter, limit switches, Reed switches Proximity sensor, load cells.

**B) ELECTRICAL:**

**MCC:** I-MCC, conventional MCC. **Switch gears:** Siemens, L&T.

**Drives:** Danfoss 302, 300, 360, ABB 550,850, Power flex400 (AB), Delta, Yasakawa , Siemens.

**Smart Relays:** E1plus (AB), Simocode Pro-V, Pro-C, Pro-S (Siemens), UMC\_100 (ABB).

**CAD:** Autodesk 2012(ELE).

**C) SAP :** MM module.

**Professional experience:**

**1. GUJARAT AMBUJA EXPORTS LTD BIO-CHEMICAL PLANT -JALAGAON, Maharashtra.**

**Project 1:** 1000TPD STARCH,LG and ETP. JOB code: 17MB01Date: AUG-2017 to till date.

Role: Senior Instrumentation Engineer (Project + O&M). Reporting to: GM

Total I/O: 7200 **Team Size: 11**.

Description: This project is mainly developed for continuous processing of Maize starch bio chemical 1000 TPD capacity and its By-products.

**Project 2:** **SORBITOL, DMH AND DAH. JOB-code: 18MC29 Team Size: 12.**

Total I/O: 5600

Description:Batch process of Pharmacy grade chemicals like sorbitol, DMH, DAH.

**Project 3:** **HYDROGEN PLANT -ALLY-HITECH-CHINA Team Size: 4.** Total I/O 200

Description: Erection and commissioning of 500nm3/h hydrogen generation plant.

**Roles and Responsibilities:**

* I/O list preparations according to P&ID, Instrument JB schedule, MCC-JB schedule preparation. Instrument hardware, cable schedule preparation. Creating the cad drawings as per hooks up of instrument.
* Hook up, closed loop drawing, Interlock drawing preparations. Closed loop write up preparations.
* Involved in SDM, Pre FAT, FAT and Post FAT events and maintaining of all its documents.
* Panel checking and modification GA and IA drawing correction. Console & system finalization. Panel checking as per the drawings. Managing all instrument contractors’ data, R-A bill documents.
* Interlock writes up, Logic and software development according to the German consultants input. Logic and sequence development according to the process using SEBOL, FBD language in DCS at site.
* Project involves multi-project license that share data between the CPP and Process plant. Upgrading work station systems from windows 7 to windows10, antivirus installation, R6.03 TO R6.06.
* PM activities spare management, shutdown activities. Make reservations on SAP system like PR (purchase requisition), reservations on site etc. Material procurement, vendor selection, vendor registration, PR, PO in SAP.
* Preparation, revision and implementation of SOP’s, ISO, internal audit documents. In house safety training, PPE, HAZOP, FSSC 2200 training.
* Process involved – continuous process, dryers, centrifuge batch processing, Evaporation, ion exchange, utility plant. Process involved –batch processing ,Autoclave , Evaporation , ion exchange ,hydrogen plant, oil boiler, compressors, ethanol storage ,nickel storage tank, enzyme ,acid storage tanks, crystallizers. MA Centrifuges, China, ANUP, Centrifuges, ALFA-LAVAL centrifuges, KOMLIN-SANDERSON machines.

Environment: Yokogawa DCS version R6.06, Siemens s7-300, step 7, WINCC SCADA. Yokogawa DCS version R6.03, Siemens micro-win, Pro-Centec com bricks. Optical fibre communication network. PROFIBUS, MODBUS, Erection and commissioning of field instruments Siemens s7-300, step 7, Win-cc SCADA 512 tags.

**PRESENTLY working on oil filter automation pre-bidding, DMH,DAH plant erection and commissioning.**

**2. ZULPIKAR ELECTRICAL & INSTRUMENTS SERVICES LTD. UTTAR PRADESH.**

Date: **MAR 2017 to JULY 2017.** Role: contract site engineer. Team Size: 15.

Reporting to: Owner. Total I/O: 1700

**Project 1:** DHAMPUR SUGARS LTD-ASMOLI-UTTAR PRADESH.

Total I/O: 1400.

Description: Erection and commissioning of SPENT WASH boiler-22tph.

**Project 2:** DHAMPUR SUGARS LTD-DHAMPUR-UTTAR PRADESH.

Total I/O:1400.

Description: Erection and commissioning of SPENT WASH boiler-35tph.

Roles and Responsibilities:

* Erection and commissioning of five-Cail KCP boiler 35 TPH,22 TPH 67 kg/cm2 pressure spent wash boiler.
* Installation pneumatic Control valves/Position/IP converters, Level TX, Flow TX, and pressure switch, transmitters, indicators, gauges, MOV’s.
* RA bill generation, attendance management.

**Environment: Yokogawa DCS.**

**3. Sahyadri Aux Chem and Industries Pvt Ltd. -Sangli ,Maharashtra.**

Date: **MAR 2016 to FEB 2017.** Role: Instrument Engineer. Team Size: 18.

Reporting to: Director-Technical. Total I/O: 1700

Description: This is running plant of continuous processing Maize starch bio chemical 300 TPD.

Roles and Responsibilities:

* Operation & Maintenance of starch, derivative and **3 mw power plant, Gas engine 1.2 mw** ,**3 boilers capacity of each 35,21and 15 ton.**
* Calibration, Installation, maintenance & tuning of pneumatic Control valves/Position/IP converters, Level switches, pressure switch, transmitters, indicators, gauges.
* Operation and maintenances of 33KV, Substation’s, and its Transformers. Taking daily reports planning shutdowns according to process requirements and diverting the load.
* Erection and commissioning of 4 TPH starch dryer, 2 TPH Fibre dryer plant with plc automation and Haver i-Baue German PLC packing machine..
* Old Myndae machines with Siemens PLC are successfully replaced with new PLCs, developed SCADA and logic independently.
* ETP-Scrubber automation with PLC-SCADA automation tools. Designed and Developed SCADA centralized automation for HUSK DRYER plant, and existing Gluten, Germ, Fibre dryer plant.

**Environment:** Siemens s7-200 smart ST10, CPU-224CN, 226CN, ABB PM572 PLC and DPsoft, Vijeo designer Wincc Explorer, Indusoft, Codesys software.

**4. Gujarath Ambuja Exports Ltd. Bio-Chemical division. -Haveri Karnataka.**

**Project 1:**750 TPD corn wet milling project. JOB code: BCCY.Team Size: 15.

Date: **JULY 2012 to MAR 2016** Role: Trainee Instrumentation Engineer. Total I/O: 4500

Description: Continuous processing Maize starch bio chemical 750 TPD and its By-products.

**Project 2: DMH.** JOB code: 15MB03. Team Size: 5.

Role: Instrumentation Engineer. Total I/O: 1200

Description: Establishment of new project DMH product.

**Project 3:Sorbitol plant - Sitarganj, Uttarakhand.**

Role: Instrumentation Engineer. JOB code: BCFO.Team Size: 18.

Total I/O: 1200.

Description: Establishment of new project Sorbitol product.

**Major Jobs handled:**

* Erection and commissioning of the complete 750tpd starch, Derivative, Evaporator, ETP.
* Logic and sequence development according to the process using SEBOL, FBD language in DCS. Pro-FI bus programming and integration all motors with DCS.
* Project involves inter data sharing between YOKOGAWA DCS main PROJECT and ALLEN BRADLEY Sister project through mod bus communication. Programming ALLEN BRADLEY PLC application logic development.
* Worked as shift engineer, maintain plant activities, run plant smoothly & independently.
* Calibration, Installation, maintenance & tuning of pneumatic Control valves/Positioners/IP converters, Level switches, pressure switch, transmitters, indicators, gauges.
* AI, AO, DI, DO, MOTOR-PROFIBUS Data mapping. No load/Full load Trials, starter like star delta, DOL, soft starter, MPD/Relay/Timer Settings. Checking functions of all Interlocks, Control Loop (PID, Cascade) testing, Relay Logic with hard wiring.

**Environment:** CP451 Yokogawa DCS FBD, SFC programming language, Windows XP, Yokogawagraphics Editor, Siemens Pro-V & pro-C overload relays. Pro-fi bus, V-net IP protocol, RS-logix 5000(Ladder logic, Function block), Allen Bradley PLC, Factory talk SCADA ME, Windows XP, Allen Bradley drives, E1 plus smart motor relays with Ethernet module, power flex drives .erection and commissioning of field instruments

**Personal details:**

Date of Birth: 02-03-1990.

Sex: Male.

Languages: **Kannada, Marathi, Telugu, Tamil, Hindi & English.**

Marital Status: Single

Permanent Address: s/o Shrikant Neginhal,

#1284 5/c,

Renuka nagar,

Belgaum, KA 590016.

Passport No: P3129200

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

PLACE: Belgaum **(Shridhar Neginhal)**