



P.SUDESHRAJ

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INSTRUMENTATION ENGINEER

Seeking challenging assignments with an organization of repute across the industry

SUMMARY OF SKILLS

- Competent and diligent professional with an **experience of over 5 years in Project Management, shut down work, maintenance and Commissioning.**
- Proficiency in **work Planning, Scheduling, Erection** and execution of Projects without incidences of time/ cost overruns.
- Thrive in a deadline intensive environment, multi-task, perform under pressure and meet deadlines. Ability to use sound judgment & decision-making skills and effectively perform in a self-directed environment.

Core Competencies

- Troubleshooting • Planning & Scheduling • Site Management • Technical Support • Safety Management

SKILL SET

Completed SPICE certification in **YOKOGAWA**, Bangalore

- **SPICE** which consist of PLC, DCS, SCADA and Field instruments.

DCS (Distributed Control System)

- Centum CS- 3000

PLC (Programmable Logic Controller)

- Prosafe- RS

SCADA

- STARDOM and FAST/TOOLS.

Field Instruments

- Pressure, Temperature, Flow, Level, Calibration and Simulation with HART communicator.

PROFESSIONAL EXPERIENCE

ENGINEERS INDIA LIMITED (ANI)

- **Project Name:** Ramagundam Fertilizers and Chemicals Limited.
- **Duration:** 10.08.2020 to 20.02.2021
- **Position:** Instrumentation Engineer

- Activity: Project Management and Construction
- Installation, calibration and loop checking of the field instruments.
- Installed Special type of Instruments like Magnetic Flow Meters, Mass Flow Meters, Ultrasonic Flow Meter, Level Instruments like Radar, Capacitance and Nucleonic type Instruments.
- Installation of Analyzers and Gas Chromatography.
- Review of control philosophy, P&I diagrams, cause & effect diagrams, instruments list and flow Chart.
- Collaborating with team members and senior management to maintain a continuous stream of information regarding the project status and progress.
- Technical Support for Instrumentation Project Client team and Construction team.

SENSITIVE ENTERPRISES (TECHNIP FMC)

- **Project Name: Revamp of FCC-NHT, CCR and NHT Plant in HPCL Vizag.**
- **Duration:** 07.09.2019 to 15.07.2020.
- **Position:** Instrumentation Engineer
- Activity: Commissioning of the Process Variable Instruments.
- Installation, calibration and loop checking of the field instruments.
- Designing, Implementing and Commissioning of new control loops as per site requirements.
- Review of control philosophy, P&I diagrams, cause & effect diagrams, instruments list and flow Chart.
- Technical Support for Instrumentation Project Client team and EPC team.
- Coordination with various equipment vendors for MODBUS Communication with DCS.

HYPERIONIT (CPCL).

- **Project Name: Maintenance of DHDT, ISOM & New HGU Plants.**
- **Duration:** 07.07.2018 to 30.05.2019
- **Position :** Instrumentation Supervisor.
- Activity: Erection of Impulse Line as per maintenance Engineer Instructions
- Periodically maintaining instruments and JB's
- Calibrating and Zero checking the transmitters and Control valve.
- Preparing master data for PM check.
- Responsible of receiving the materials and installation in field.

ABAHSAIN CONSOLIDATED CO. LTD.

- **Project Name: Construction of 115KV/13.8KV GIS Substation Abqaiq#3 & Construction of Co-Gen Plant in Saudi Aramco**
- **Duration:** 10.01.2016 to 5.04.2018 (2 Year and 3 months)
- **Position:** Technician (Instrument & communication)
- **Activity:** Project Execution
- Installation, calibration and loop checking of the field instruments.
- Complete instrument Installation & commissioning of new cogeneration unit.
- Designing, Implementing and Commissioning of new control loops as per site requirements.
- Review of control philosophy, P&I diagrams, cause & effect diagrams, instruments list and flow Chart.
- Adept in handling of Projects & Maintenance
- Preparing master data sheet for PM schedule.
- Technical Support for the instrumentation team.
- Experienced in the field instruments and control systems procurement activities
- Responsible for Material requisition and installation of Cable tray, Conduit, Junction box, Cable Pulling and Testing of Cables.
- Collaborating with team members and senior management to maintain a continuous stream of information regarding the project status and progress
- Done Pre installation and Post installation test (OTDR) for single mode and multimode FOC Cable and optical fiber ground wire (OPGW).

- Done Power meter test for OPGW and NMFOC.
- Responsible for installation of wall mounted patch panels.
- Installation of SAS console, GPS antenna for communication.
- Responsible for installation of patch cords from LCC panel to WMPP, 13.8KV switchgear to WMPP and WMPP to SAS panels.
- Installation of two way and four way joint box (OPGW - OPGW, OPGW – NMFOC) as per IFC drawings.
- End to End test from ABQAIQ#3 to ABQAIQ BSP.

CHENNAI PETROLEUM CORPORATION LIMITED (CPCL, Chennai).

- **Maintenance & Shut down Work.**
- **Duration:** September 2014 to October 2015.
- **Position:** Technician (Instrument)
- **Activity:** Calibrating and Zero checking the transmitters and Control valve.
- Checking the indicating sensors in control valve, preventive maintenance for JB.
- Pulling and terminating the cables.
- Responsible of receiving the materials and installation in field.

EDUCATIONAL CREDENTIALS

B.E. (Electronics & Instrumentation Engineering), 2013

Adhiyamaan College of Engineering, Hosur.

Diploma (Instrumentation and Control Engineering), 2010

The Salem Polytechnic College, Salem.

Matriculation, 2007

Gokulanatha Hindu Mahajana Higher Secondary School, Salem.

Computer Proficiency

MS Office, MS DOS, Windows 9X, 2000, XP and Internet Applications

Extra Curricular Accolades: Distinction of being an active Volunteer of NSS.

Date of Birth: 23 DEC 1991

Hobbies: Listening to Music and Playing Cricket

Passport Number: L8517720

Languages Known: English, Hindi and Tamil

DECLARATION:

I hereby declare that all the information mentioned above is true to my knowledge and I bear the responsibility for the above mentioned particulars.

Place: INDIA

Date :

Yours Truly

(P. SUDESH RAJ)