



## **NITIN THAYYIL SADIKKALI**

### **Instrumentation Engineer**

📍 Al-Jubail, Kingdom of Saudi Arabia

☎ +966-500095815

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#### **Career Objectives**

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To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills. Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

#### **Career Summary**

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➤ **Oct 2020- Nov 2021**

**Instrumentation Engineer**  
**Hamchang Saudi Contracting Co. Ltd.**

##### **Key responsibilities:**

- Meets with clients' technical staff to discuss technical information and features.
- Prepares sketches and performs calculations for a detailed segment of a project.
- Conducts field trips to existing plants to gather operating data and equipment information.
- Prepares equipment specifications, inquiry and purchase requisitions for approval.
- Communicates equipment design to client and other design disciplines.
- Reviews and approves design drawings for assigned segment of a project.
- Participates in reviews of Process Flow Diagrams and Piping and Instrument Diagrams.
- Participates in the preparation of equipment lists, instrument index and process specifications for instruments.

➤ **June 2019- Aug 2020**

**Instrumentation Engineer**  
**Bo Won Lee Contracting Est. (CWC Project in Al Hassa)**

##### **Key responsibilities:**

- Site survey for cable tray routing, instrument location & impulse tubing routes and layout.
- Leads a group of technicians in installation and layout of cable trays, raceways, conduits, instrument stanchion and supports.
- Leads a group of technicians in the installation of field instruments and gauges/indicators.
- Supervises for the works of wiring and termination of Yokogawa Level Transmitters, Electromagnetic Flowmeters, Pneumatic Valves, Actuators, and Motor Operated Valves.
- Leads a group of technicians in loop-checking and continuity testing of instruments from field to Yokogawa Programmable Logic Controllers (PLC).
- Supervises for the works of bench calibration of instruments and re-ranging of smart transmitters by Hart 475 Communicator.

➤ **June 2016- March 2019**

**Instrumentation Engineer**  
**Plant Solutions Construction Co Ltd, Al-Jubail Saudi Arabia**

- 1. Tasnee Petrochemical manufacturing company, Al-Jubail Saudi Arabia**
- 2. Saudi Aramco Mobile Refinery Company Ltd Yanbu, Saudi Arabia**

### **Key responsibilities:**

- Conduct Activities and Inspection in accordance to Project Quality Assurance Manual and Quality Control Inspection Plan.
- Troubleshooting of instruments during the checkout and commission processes.
- Evaluated drawings and data.
- Able to Read System Architecture, Piping and Instrumentation Diagrams (P&ID), Loop diagrams etc.
- Experience knowledge about Permit to work systems (PWS) and several kinds of permits like Cold work permit, Hot work Permit, Limited Space Entry permits.
- Archived instruments calibration specification sheets to Electronic PDF files (paperless project).
- Applied mathematical aptitude to ensure an accurate radius Measurement for tube bending.
- Configured, Calibrated and troubleshoot smart instruments With Hart 475 communicator.
- Read and interpreted PLC code and Ladder logic drawings.
- Operational knowledge in a Fire and Gas Systems like HC
- Having good knowledge of plant safety rules & regulations.
- Work in close proximity to hazardous chemicals, high and low Temperature liquids, high pressure liquids and gasses, steam, and moving machinery/equipment.

➤ **July 2014 – April 2016**

**SCADA Engineer**  
**Bhaskar Resources PVT LTD GUJARATH, INDIA**  
**1. Reliance Gas Pipeline (RGPL) Gujarat, INDIA**

### **Key responsibilities:**

- Develop and support remote trouble shooting practices and maintenance activities.
- SCADA Users support.
- Emphasize functionality, reliability, and availability of supported systems.
- Provide appropriate and timely technical advice on matters relating to SCADA and control systems.
- Knowledge in work scheduling, progress reporting.
- Provide problem solving, continuous improvement and standardization efforts for SCADA-related work processes.
- Develop and maintain specifications, procedures and standards for SCADA and measurement gathering systems. Perform SCADA Data Entry Applications and SCADA Point to Point Testing.

### **Education & Qualifications**

- Applied Electronics and Instrumentation (Bachelor's Degree) From KMCT College Of Engineering Kerala, India
- Instrumentation Technology (Diploma in Engineering) From Government Polytechnic College Kerala, India

### **Technical Skills**

- SCADA
- Calibration
- PLC
- AutoCAD 2D Drafting
- DCS
- MS OFFICE

## Interests

- Instrumentation Engineer
- SCADA Engineer
- Planner
- Electrical Engineer
- Construction Field

## PERSONAL STRENGTHS

- Ability to perform under high pressure and against targets/deadlines.
- A practical and systematic approach.
- Ability to motivate and inspire confidence in the team.
- Hardworking and dedicated to the company's objectives
- Communication skill.
- Interpersonal skill.
- Teamwork.
- Problem assessment.
- Time management.
- Adaptability.
- Decision-making.
- Multi-tasking.

## Personal Information

• Date of birth	-	03-11-1992
• Languages known	-	English, Malayalam, Tamil, Hindi, Arabic
• Marital Status	-	Married
• Nationality	-	Indian
• Passport	-	N1189636
• Iqama	-	2501533661
• Visa	-	Valid Transferable Visa
• License	-	Valid Saudi Driving License

## References

References can be provided on request.

## Declaration

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

NITIN THAYYIL SADIKKALI