



# M.SHIV PRASAD SHASTRY

Engineer – Instrumentation & Control Automation

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## PROFILE

Result oriented Instrumentation & Control Engineer with 12+ years overall working experience in field instrumentation & control automation. To be part of multi-disciplinary engineering team to supervise project in Electrical, Instrumentation & Control Automation.

## SKILLS & EXPERTISE

- Project estimation based on the Bill of quantity, work Scope & client Specifications & standards.
- Preparing the Weekly & monthly reports based on site progress for managements review.
- Work closely with end users, Consultants & other agencies.
- Review of technical submittals, Panel drawings, other Project associated drawings.
- Monitoring the execution of project complying with client specifications & standards & worksite HSE policy.

## EDUCATION

### Avanthi Institute of Engineering & Technology

July 2002 – May 2006

Completed Bachelors of Technology in Electronics & instrumentation Engineering in the year 2006.

## WORK EXPERIENCE

### DANWAY Electrical & mechanical Engineering LLC as Instrumentation Engineer.

January 2020 – Present.

**Project Details:** Aluminum Bahrain, Rodding 4.

#### Responsibility:

- Executing the Instrument & electrical works for Rodding 4.
- Troubleshooting & rectification of instrument loops.
- Preparing progress report & Coordinating with client on day to day activity & updating the progress report accordingly.
- Review of submittals, Instrument panel drawings & associated drawings.
- Preparation of Inspection & Test reports for instrumentation.

### SEPAM UNEECO as Instrumentation Commissioning Supervisor.

March 2019 – September 2019.

**Project Details:** Aluminum Bahrain Potline 6

#### Responsibility:

- Monitoring the Instrumentation Commissioning work for Aluminum Bahrain Potline 6 Cast House 4 - Slab Sawing package supplied by SERMAS Industrie.
- Assisted the SERMAS vendor for the pre commissioning & commissioning activities.
- Assisted project controls department by estimating the additional works executed as per client's site instruction.

- Inspection & test reports preparation for Electrical, instrumentation and other associated works.
- Precommissioning & commissioning of project.
- Excellent problem-solving skills using past field experience.
- Possess good oral and written communication skills & working knowledge on MS office Suits.

## AWARDS & ACHIEVEMENTS

Received the **MOST DEDICATED EMPLOYEE** of Aeradio Technical services for tenure 2010-2012.

## TRAINING & CERTIFICATION

Trained in Siemen's PLC programming & SCADA system in Indo German Institute of Advanced Technology, India in year 2013.

### **Mott Macdonald as Senior Inspector – Instrument & Control Automation.**

March 2015 – February 2019.

**Project Details:** Electricity & Water Authority Water transmission project. Construction of water forwarding, Blending and distribution stations across Bahrain in different locations.

#### **Responsibility:**

- Review of Technical submittals, Instrumentation panel drawings & site related drawings.
- Preparation of Inspection & Test reports for instrumentation, Electrical, Cathodic protection system, chlorination system, telecom system, CCTV & Other associated works as per project requirement.
- Supervising the contractor's work with approved P&I, Hook-up Drawings, Cable Schedule & termination drawings & checking the work progress.
- To ensure that contractors comply with Worksite HSE Plan and policy.
- Pre-Commissioning, Commissioning & Site Acceptance Test to ensure the compliance with Operation & control philosophy of the project.
- To ensure contractor QC & supervisor carryout inspections as per Mott Macdonald quality plan.

### **Aeradio Technical Services as Instrumentation Engineer**

January 2010 – January 2015.

#### **Project Details:**

- Water & waste water pump station for Bahrain bay development.
- Waste water pump station Bahrain International Airport.
- Gas metering station for Bahrain Petroleum Co,
- Gas Compressor Station 8 & 20, Well Manifolds & Tank Batteries for Tatweer Petroleum.

Executed above projects under the supervision of WS Atkins, Jacobs, Worley parsons, Veolia Oil & gas.

#### **Responsibility:**

- Supply & Installation of panels, field instruments, Fire, Gas & Emergency shutdown systems detectors with associated Instrumentation works.
- Quantity take off, method statement, Inspection & Test Plan, Inspection report & Test report for Instrumentation & Electrical works.

## PERSONAL DETAILS

- Father's name: M.  
Hanumantha Rao
- Date of Birth: 08-Aug-1984
- Known Languages: English,  
Hindi & Telugu.
- Nationality: Indian.
- Marital Status: Married.
- Passport Details: P1971858.

- Prepare & review of monthly payment certificates, Technical submittals, Process & Instrumentation drawings, hook-up drawing & other relevant drawings as per project requirement.
- Execution of electrical, Instrumentation, Fire & Gas & Distributed Control System works with given approved drawings.
- Executing Work in accordance with Worksite safety plan.

### **Al Hamad Construction & Development as Engineer**

January 2008 – October 2009.

#### **Project Details: Lulu Towers, Bahrain Financial Harbor towers.**

##### **Responsibility:**

- Quantity take off from tender drawings & estimating the project cost
- Preparation of monthly payment certificates.
- Execution of electrical, Instrumentation, Distributed Control System works with given Process & Instrumentation, hook-up, cable tray, Panel Loop drawings, and cable schedule.

### **Powermech Projects Ltd as Engineer**

June 2006 – November 2007.

#### **Project Details:**

Maintenance of instrumentation system for following coal fired Thermal power plants.

- 50 MW x 4 & 120 MW x 2 – Chhattisgarh State Electricity Board East, Korba.
- 210 MW x 6 - Chhattisgarh State Electricity Board West, Korba, India
- 135 MW x 4 – Balco Captive Power Plant II, Korba, India
- Erection of LANCO thermal power plant with 2 units each capacity of 300 MW on instruments at turbine deck, Boiler, feed pumps & other auxiliary systems in a power cycle.

##### **Responsibility:**

- Execution of field instrumentation works with given P&I, Hook up, cable routing, Cable Schedules, Junction box schedules, panel/Junction Box, Panel Termination drawings for Turbine & its auxiliary units.

Execution of annual shutdown maintenance Contract for Turbine & boiler instruments.