**Janga Veera Samson**

**Sr.Instrumentation Engineer**

**Mobile:** +918320899597, +919966143145

**E-Mail:** **jangaveera@gmail.com**

**Objective**

* Seeking an opportunity to contribute abilities and Knowledge for professional and personal growth.

**PROFILE SUMMARY**

* BE (Electronics & Communication) with 8+ years of experience in Project Management Instrumentation & Control, Operations & Maintenance, Erection & Commissioning.
* Expertise in project management involving planning & execution of projects, testing & commissioning and Maintenance of wide range of automation systems.
* Proficient in carrying out instrumentation activities and enhancing operational and effectiveness Maintenance of equipment.

**CORE COMPETENCIES**

* Overseeing execution of the projects C&I Package installation, commissioning and Maintenance.
* Installation, precommissioning, commissioning and maintenance of C&I Packages, Instruments, sensors, Actuator, DCS, PLC and DDC.
* Having experience on Siemens DCS SPPA T3000 & ABB DCS ACS800x Installation, Commission, troubleshooting and Maintenance.
* Having experience in Honeywell ESD PLC Safety Manager A.R.T 153.7 (Honeywell)
* Installation and Commission of Bentley Nevada Vibration 3500 system.
* Commission and Maintenance of Rockwell IMCC (E300), LV VFD(ACS ABB,ALT FC Danfoss, ATV Schneider) and MV VFD Hitachi.
* Installation and Commission of DCS/PLC Network Panels and Network establishment IO panels to third Party equipment like IMCC, VFD and RIO panels.
* Control Logics Checking with process team and Implementation of new logics are per process requirement.
* Having experienced in DCS & PLC FAT and SAT.
* Identifying areas of obstruction and taking steps to rectify the equipment with the help of troubleshooting tools.
* Planning of daily maintenance and preventive management actives in SAP. Knowledge on SAP permits creation and work order creation for maintenance activities.

**Education Qualifications:**

* Completed B.Tech (ECE) from Newton’s Institute of Engineering College, JNTUK, and Kakinada with 63.3% in 2010.
* Completed Intermediate from Sri Vikas Jr. College, Board of Intermediate, A.P. With 87.6% in 2006
* Completed SSC in L.M.H.S, Guntur, and Board of SSC. A.P. With 79.5% in 2004

**TECHNICAL PURVIEW**

* DCS : SPPA T3000 SIEMENS. ABB ACS800x.
* PLC&DDC : Safety Manager A.R.T(Honeywell )Desigo Insight (Siemens),

Smart Struxureware (Schneider)

* SCADA : EPKS, WinCC, Citec
* Languages : Functional Block diagram (FBD),
* Operating Systems : Windows 7/XP.
* Application software : SAP, Ms Office

**ORGANIZATIONAL EXPERIENCE**

1. **Sr. Engineer-Instrumentation. Oct'19 to Till Date.**

**Sanghi Industries Ltd Kutch, Gujarat.**

Project Undertaken**: 1x70MW 260TPH Thermal Power Plant.**

Key Result Areas: **Commissioning and Maintenance of C&I Packages of 1x70MW 260TPH CFBC Thermal Power Plant**.

* Commission and Maintenance of BTG, Ash handling system and Coal handling systems in thermal Power Plant.
* Installation, Commission and Maintenance of TPP C&I Packages like DCS, Fields Instruments, MOV and valves and Field Instruments.
* Installation and Commission of DCS IO, Network Panels and Network establishment IO panels to third Party equipment like IMCC,VFD and RIO panels.
* Control Logics Checking with process team and Implementation of new logics are per process requirement.
* Commission and Maintenance of Turbine Governor, DEH system and testing, calibration and maintenance of Governor Valves.
* Testing, Commission and Maintenance of BMS System.
* Attended FAT for DCS System.
* Installation and Commission STG related vibration system Bentley Nevada Vibration 3500 system.
* Reviewing all Erection and Commission documents like P&ID,IO List, Instrument Index, Hook up diagram and IO Panels GAD.

1. **Instrumentation Engineer, Feb’17- Sept’19**

**Reliance Industries Limited, Jamnagar, Gujarat**

**Project:** **Rubber Plant**

**Key Result Areas: Successfully commissioned Petrochemical Plant**

* Commission and Maintenance of Honeywell PLC (Safety Manager A.R.T) and Schneider (SmartStruxureware).
* Having good knowledge in trouble shooting of the pressure transmitters, solenoid valves, ON/OFF valves, slide gate valves, Temperature sensors, proximity sensors, flow switches.
* MCC interface loop check and drive checks with electrical during troubleshooting.
* Cause and Effect and Interlock Check for Turbine, Compressor and Process area related control loops.
* Attended FAT for Schneider PLC.
* Attending daily meetings Operation and Maintenance departments.

1. **Control Instrumentation Engineer, Mar’16 – Feb’17**

**Simhapuri Energy Ltd**

Project Undertaken**: 4x150MW 450TPH Thermal Power Plant.**

**Key Result Areas:**

**Maintenance of BTG and its Utility System related C&I Package for exporting 4X150 MW.**

* Maintenance of Boiler and turbine section and troubleshooting the defects plant in running
* Maintenance and calibration of all control valves, pneumatic control valve and power stroke cylinder.
* Maintenance and calibration of Transmitter PT, LT, TT, DPT.
* Maintenance of control system, field instruments, Control valve, Motorized, Pneumatic and SMART Control valves.
* Maintenance of Turbine DEH system and testing, calibration and maintenance of Governor Valves.

1. **Instrumentation Engineer, Feb’ 12 – Sept’15**

**Jaypee Cement Corporation Ltd., Shahabad, Karnataka**

Project Undertaken**: 1x60MW 250TPH Thermal Power Plant.**

Key Result Areas**: Successfully completed plant Erection, Commissioning and Maintenance of**

**Instruments for exporting 1X60 MW power.**

* Erection,Commission and Maintenance of Boiler and turbine and its auxiliaries
* Troubleshooting of running plant Boile,Turbine and BOP section and troubleshooting the defects plant in running
* Preventive Maintenance and calibration of all control valves, pneumatic control valve and power stroke cylinder, MOV and Field Instruments(PT,TT,LT,FT and DPT)
* Erection I/O, DCS Control, SWAS, TSP, TGB, VFD and BOP Panels, field instrument, junction box, reviews of hook up drawing and Cable schedule.
* Commission and Maintenance of Ash Handling System, Coal Handling and BMS systems.
* DCS Interlocks (coordinating with DCS program engineer) and Troubleshooting of DCS SIEMENS SPPA T3000
* Commissioned & troubleshot the process control instruments like maintenance, calibration & loop checking of pressure, temperature, flow, level, transmitters, switches and controllers
* Identified panel wiring troubles, controllers tuning, loop checking & plant interlock issue by utilizing plant maintenance bypass and solving console communication trouble.

**Personal Information**

Name : Janga Veera Samson.

Father’s Name : Gangaiah

Religion : Hindu

Marital status : Married

Languages Known : English, Hindi and Telugu

DOB : 05051989

Address : Gamalapadu (Post), Dachepalli (Md), Guntur – A.P. 522414

**Declaration:**

I hereby inform that the above-mentioned particulars are true to the best of my knowledge.

Place: Date: (Janga Veera Samson)