**GANAGAM V R K SANTOSH**

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**PROFESSIONAL SUMMARY**

Over all 9.6 Years of experience in O & M, Projects in instrumentation. Expertise in instrument troubleshooting, PLC, SCADA diagnosis & Panel wiring, Recording MTBF & MTTR, Utility Cost, ROI analyzing, electrical designing, refinery operations as well as air compressor maintenance

**SKILLS**

* PLC programming & SCADA, SPI Intools, Auto cad – Electrical 2018, SAP – PM & EHS related, 5S & QC Tools

**ACADEMIC REPORT**

* MBA – Oil & Gas Management(Correspondence) with 7.2CGPA in UPES, Dehardun 2020
* B. Tech with 60% in Electronics and Instrumentation Engineering from Pydah

College of engineering and technology, Visakhapatnam (JNTU KKD) 2010

* Intermediate with 85.1% in M.P.C from Aditya junior college, Kakinada 2006
* SSC with 72.5% from secondary school board in 2004

**PROFESSIONAL EXPERIENCE**

**5.** Organization : **Olam International Limited –** Beira, Mozambique

Designation : Instrumentation Engineer

Duration : Jan-2017 to till date

**Responsibilities:**

* Possess a unique experience in installation & commissioning at project sites and proficient in handling instrument calibration, preventive maintenance, planned shutdowns of process plants
* Independently handling technical responsibilities for the Instrumentation discipline
* Monitored, controlled & assisted plant operation through:

1. Siemens S7 -400 PLC & WINCC 7.0 SCADA System in Desmet Ballestra 300TPD Refinery

2. Thermax 6TPH (Relay System) & 8TPH Boiler – SCHNEIDER/PROFACE PLC

3. Gekakonus HP Boiler – Siemens SPS- LOGO 230

4. Blow moulding machines 5Ltr & 20Ltr (WY & Jagmohan) – MOGG & ULTRA PLC

5. Injection machines (Milacron Ferromatik Omega 100 & Windsor 450 & 180) – B & R PLC

6. Filling machines 5Ltr ,10Ltr & 20Ltr (EMEC) – OMRON CQM1H & SYSMAC PLC

7. Milindia Soap Plant 4TPH – ALLEN BRADLEY MICROLOGIX 1400 & DELTA DVP Series

* Estimation for forecast budget for spares and services requirement in the CAPEX format
* Monitoring the consumption of utilities, electricity and adopt certain measures to reduce utilization in support of the U & M manager.
* Immediate Reporting to the U&M Manager by preparing daily, monthly report of U&M Cost over production
* Hands of experience in installation, commissioning of VFD drives of ABB, Danfoss, Delta, Omron
* Familiar in Desmet Ballestra Physical Refinery Operations (300TPD) and perform plant start-up and commissioning activities and carry out troubleshooting
* Additionally, working with the U & M team and contractors to perform repairs and maintenance, modifications in manufacturing machinery in terms of safety

**4.** Organization : **Emami Agrotech Limited** (1425TPD oil Refinery)- Krishnapatnam

Designation : Instrumentation Engineer – Projects & Maintenance

Duration : Mar-2016 to Dec-2016

**Responsibilities:**

* Carriers out routine daily instrumentation related jobs and checking of calibration periodical time for all field instruments observed and calibrate it and reported to HOD – Instrumentation
* Familiar in installing AC drives and checking in local mode and remote mode
* Handling Desmet Ballestra PLC: AB compact Logix 5561 for 1000TPD Refinery, Alfa Laval PLC 200TPD Refinery AB Compact Logix L32E, Siemens S7-300 for Andritz filter 750TPD, for 300TPD Andritz filter siemens S7-1200 IM High feature, for 18TPH Boiler AB Logix 5561 and VIPA PLC for ash handling purpose. SCADA: RS View32, Talk view, WIN CC
* Conversant with the implementation of IS09001:2008, ISO14001:2004, OHSAS18001:2007, ISO 22000:2005
* Looking over ISO STANDARDS documents related to instrumentation including loop sheets and other related drawings and documents
* Doing spares management and maintaining inventory level through SAP PM Module
* Successfully finished the instrumentation related project work named SPX FLOW MARGARINE plant 130TPD Bleacher and Deo erection and commissioning work through Desmet Ballestra, Thermo syphon and SPX Bakery plant with in scheduled goals

**3.** Organization : **Ruchi Soya Industries Pvt. Ltd** (1400 TPD oil refinery)- Kakinada Designation : Instrumentation Engineer

Duration : Nov-2012 to Mar-2016

**Responsibilities:**

* Involving, executing, troubleshooting works of instrumentation in site.
* Assist with PM works, selection and calibration of field instruments on a regular basis
* Look over the maintenance of Air compressors, Chillers (Air cooled & water cooled), UPS, Stabilizers
* Involve in the ISO audits and maintain all records up to date without fail
* Taken training for the 5S Workshop & QC Implementations and formed a team in the plant trained them and implement Practically
* Involved in the savings projects in the plant and presenting in the CCQC & NCQC
* Handling Alfa Laval (1000TPD Refinery) Allen Bradley PLC and Mechtec Deo (200TPD) manually although Andritz Filter(750TPD) and FBC boiler (25TPH &12TPH)

**4.** Organization : **Instrumentation and Automation Solutions (IAS) Ltd,** Anakapalli

Designation : Supervisor

Duration : June-2012 to oct-2012

**Responsibilities:**

* Process Field Instrument calibration (Pressure gauges, Temperature transmitters/RTD, Level Transmitters, Flow calibrators (using HART communicator), Control valves and Pneumatic positioners, Pneumatic cylinders, I/P positioner)

**5.** Organization : **R.T.S. Pvt. ltd (an associate company of JSW steel ltd)** Bellary

Designation : Trainee

Duration : Nov-2010 to Dec-2011

**Responsibilities:**

* Involved in Erection and commissioning work of Lime Calcination plant (LCP-03) Klin & grinding unit
* Worked in Plant Operations and reporting to Assistant Maintenance Manager

**WORKED IN PROJECTS**

* Involved in erection and commission work of Lime calcination plant (Klin unit & grinding unit) in JSW STEEL PVT.LTD., BELLARY.
* Successfully finished erection and commissioning of 130TPD Desmet Ballestra refinery, 6TPH Thermax syphon Boiler, SPX Flow Margarine
* Successfully done erection & commissioning, loop testing works of E & I in the project of MilIndia laundry soap plant -4TPH

**COST SAVINGS**

* **7500 USD** within 6Months by identifying the regular damages of the field instruments and breakdown hours in WY blow moulding machines done the modifications
* Saved around **6500 USD** by taking Initiative step in the Air compressor to control the Field instruments and Air compressor spares
* Taken individual leadership in project work and saved **7000 USD** instead of accepting 3rd party service for Erection & Commissioning of E & I cable layout, termination works in the project MilIndia Laundry Soap plant(4TPH)
* Saved around **4500 USD** on the E & I Annual spares -2019 instead of purchasing the costly material arranged the alternative model for the equipment
* Done Automation Project on Cooling tower Pumps & Fans to reduce the Power consumption approx. **1000 USD**/Month
* Installed VFD’s in place of star-delta Connection for Blow moulding Machines to reduce the Power around **95-100 KW/Month**

**ACCOMPLISHMENTS**

* Rewarded **EXCELLENCE AWARD** in 27th NCQC-2013 held at Kolkata for our project done on servo drive variac card failures
* Rewarded **GOLD AWARD** in CCQC-2014 14th Chapter held at Visakhapatnam for our cost saving project done on GA-22FF Atlas air compressor
* Rewarded **GOLD AWARD** in CCQC-2015 15th Chapter held at Visakhapatnam for our project done on losses of cartons and oil pouches and unsafe area in vanaspati belt conveyor
* Rewarded **EXCELLENCE AWARD** in 29th NCQC-2015 held at Chennai for our project done on 4-Head Pneumatic tin tester to overcome 15kg tin damages and oil losses

**PERSONAL INFORMATION**

Date of Birth : 14-05-1989

Fathers name : G.V.R.K. Murthy (Late)

Mothers name : T.V.N.S. Sailaja Devi

Spouse Name : Ganagam Vanaja

Languages known : Telugu, Hindi, English, Portuguese (Learner)

Passport no : Z2959720

Skype Id : santoshinst88@gmail.com

**DELECRATION**

I do hereby confirm that the information given in this resume is true and correct to the best of my knowledge.

Place:

Date: **Ganagam V R K** **Santosh**