

N.V.S.M. KRISHNA

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Career Objective:

I am looking for a good position in the field of instruments and automation in a prestigious company where previous skills and capabilities can be put to efficient use. I possess effective organizational skills and the ability to supervise a team and develop the final output.

Experience Summary:

- 13 years of experience as an Instrumentation engineer in Power and Recovery area in Paper, Pharmaceutical and chemical Industries.
- Work experience involves Maintenance, trouble shooting, Installation and commissioning of Field Instruments, PLC and DCS systems.

February 2014 – Till Date

International Paper APPM – Rajahmundry, A. P as Asst.Manager in Instrumentation Department

- Leading Instrumentation and Automation team in Power and Recovery area
- Complies with the highest level of safety during all stages of project execution to avoid any type of accidents Performing loop checks, logic, interlock checks, Cause and Effect check and control narrative checks
- Assigned as role of planner in Instrumentation Power and Recovery Area. Responsible for planning day to day activities and plan the required materials and spares ahead of schedule with in the budget.
- Calibration, Installation and commissioning of all types of field instruments as per specifications.
- Manufacture Excellence Certified on yellow belt and completed 2 Lean projects
- Plan, justify and implement projects for installation of new instrumentation for up gradation of the existing instrumentation systems in the plant.
- Responsible for creating Monthly performance report, up-to-date Break down report and prepare the Root Cause Failure Analysis Report for Break down in Power and Recovery Area
- To plan corrective and shut down and annual outage jobs in advance. To maintain critical and necessary spares and plan man power distribution in advance
- Doing various works related to implementation of ISO 9001, ISO 14001 and OHSAS 18001 to increase productivity & quality, reduce maintenance cost and maintain safe and healthy conditions in the plant.
- Engineering, Commissioning and troubleshooting of different systems of Control Systems like, iFIX, Cimplicity (SCADA), PI-Historian, ABB Control structure and Allen Bradley RS view
- Providing necessary technical training, conducting safety classes to technicians.
- Maintenance & calibration of Field and analytical Instruments PT, LT, TT, DPT (Rosemount, Yokogawa, Vega, E+H, ABB, Honeywell.....) Oxygen ,CO online DO, online Sodium and SPM analyzers
- Maintenance & calibration of Turbine Woodward – Governor control system, Turbine supervisory system Forbes Marshall VM5 (Acceleration, Velocity, Thrust, Vibration,)
- Maintenance and calibration of pneumatic control valves (NAF-Flow serve, Samson, Instrument Ltd, KSB MIL control valves)
- Knowledge of networking and profibus. Inspection of all the IO rooms and checking the healthiness of communication module in regular intervals of time using Profi trace tool

- **Erecting & Calibration of Hydra step for Steam Drum level for Recovery and CF Boiler**

Hydra step is Drum level indication installed in Central control room and Field for ease of operation and Safety norms which indicates the physical drum level. The indication is useful in case of emergency conditions and communication failures

- **Upgradation of DCS server and Operating station**

- Upgradation of DCS Servers from individual servers to Virtual Servers and upgradation of Operating stations from Windows-XP to Latest version of Windows 2010 and Upgradation of ABB make PM864 controllers to meet customer satisfaction and statutory requirements

- **Upgradation of BMS system in Recovery and Lime kiln Boiler**

- Upgradation of Burner Management system in Recovery Boiler and Lime kiln as to comply the safety ,environment and statutory requirements of International paper Orange book guide and Recovery Boiler Safety Audit findings

- **HVLC gases (Hazardous NCG gases) flammable in RLK Project**

- Configured the Analog and Digital IOs and Programmed as per the logic Developed the graphical representation and commissioned the field instruments and completion of project

- **Upgradation of Woodward governor from Micro net to Micro Net Plus**

The 34MW TG Governor upgradation project was successfully upgraded from Micro net simplex to Micro Net Plus. The system includes 2 redundant power supplies and 2 redundant CPU Communication was established by Operating stations with a HMI SCADA GE iFIX and Woodward control assistance programing. The existing parameters were configured in the new system and loop checking of all the IO's were done. Trends were configured for the critical parameters

January 2012– January 2014

ION EXCHANGE (INDIA) Ltd – Hyderabad, A.P as Executive in Engineering & Maintenance Department

The ION EXCHANGE (INDIA) Ltd. Is an ISO 9001, ISO 14001 &OHSAS 18001 certified company in water and environmental management. Ion Exchange India pioneered water treatment in India and is today the country's premier company in water and environment management, with a strong international presence.

- Joined as Executive trainee
- Responsible for Instrumentation maintenance in Plant
- Support on site engineers with Instruments and online Dosing techniques of chemical manufactured by Ion Exchange –ICD Division
- Designing of various various dosing systems as required by the customers
- **Involved in Erection of Effluent Treatment Plant in Ion Exchange (India) Ltd, Hyderabad**
 - Installation of pH and Conductivity systems
 - Installation of Online DO analyzer

August 2010 – January 2012

Aurobindo Pharmaceutical – Hyderabad, A.P as Executive in Engineering & Maintenance Department

The Aurobindo Pharm Ltd is one of the top API manufacturing companies in the world and also one of the very few pharmaceutical companies that are vertically integrated with a presence in the API and Formulations segments. This makes Aurobindo a truly formidable, fully integrated global pharmaceutical company.

- Joined as Executive trainee
- Responsible for Instrumentation maintenance in Total Plant unit IX
- Part of FDA audit which was Successful
- Implemented and modified various SOP procedures and QA/QC validation documentation related to instrumentation
- Introduced new techniques and modified various instruments which are reliable and precise to maintained the process parameters
- **Erection and commissioning of Coal Fired Boiler Capacity 15 TPH in Aurobindo Pharma unit IX, Hyderabad**
 - Involved in loop checking of the boiler
 - Installation and commissioning of Drum level control valve in single loop control
 - Installation of Pressure & Draft transmitter
 - Installation of Conductivity condensate project from recovery condensate system
- **Erection and commissioning of RO plant in Aurobindo Pharma unit IX, Hyderabad**
 - Involved in Panel loop checking and installation of PH and conductivity meters
 - Commissioning of PLC and running the plant in Auto mode

February 2008 – August 2010

Andhra Pradesh Paper Mills – Rajahmundry, A.P as Trainee & Plant Engineer in Instrumentation Department

- Joined as Graduate Trainee and Promoted as Plant engineer after completion of probation period
- Responsible for Instrumentation maintenance in Power and Soda Recovery Area
- Involved in commissioning of various Gas analyzers, Soda recovery Boiler and Power Boiler
- Involved in loop checking of ABB DC's and Field instruments installation works

Education Details & Training:

COURSE	SCHOOL/COLLEGE EDUCATION	BOARD/UNIVERSITY	YEAR OF PASSING	AGGREGATE
PG. Diploma Energy Management	Hyderabad Central University	Hyderabad Central University	2012	65%
B. TECH (Electronics & instrumentation)	REGENCY INSTITUTE OF TECHNOLOGY	Pondicherry university	2007	7.68(CGPA)/76.8%(Equivalent percentage)
Intermediate	ADITYA JR COLLEGE RAJAHMUNDY	Board of intermediate A.P	2003	76.1%
Class x th (C.B.S.E)	BHADRACHALAM PUBLIC SCHOOL BHADRACHALAM	C.B.S.E	2001	67%

- Underwent 3 months of intense training on **Automation in Boilers** and **AC 800M DCS** in **I.T.C.P.S.P.D, BHADRACHALAM**
- Underwent workshop **Work shop on Calibration / certificate no :030210/48** conducted by **MasiBus**
- Underwent training on **Life saver** and **Safety and Fire** conducted by **USHA FIRE SAFETY EQUIPMENTS (P) LTD**
- Underwent work shop on **Control valves and Actuators – Selection, Sizing and O&M** conducted by **CISAT (Center for Industrial solutions and Advanced Training)**

Software Skill:

- Operating systems: MS DOS, Windows98, NT, 2000, XP,2007,2008 and 2010
- MS Office, SAP and Auto-CAD

Achievements:

- Certified in Yellow belt (Lean project)
- Certified in Leadership training program
- Received Shine awards for consecutive years

Personal Skills:

- Creative problem solving and exceptional analytical skills.
- Self-motivated, eager to learn continuously and capable of working independently.
- Posse's excellent interpersonal skills and ability to work in teams and under stress.
- Good oral and written communication skills
- Strong organizational, analytical, and problem-solving ability and adept at communicating with several levels of the organization
- Ability to support multiple projects simultaneously apart from daily activities.

Hobbies:

- Painting, Sketching, Listening music.
- Cooking, reading books, playing Sudoku, playing T.T.
- Participated in dance computations and skits throughout my academic career

Personal Profile:

Name	N.V.S.M.Krishna
Marital Status	Married
Date of birth	23-05-1986
Present Address	17-24-8/3A,Vangaveeti Street,Seethampeta,Rajahmundry -533105,AndraPradesh
Passport No	G 8 125062

Declaration

I hereby declare that all information stated above is true to the best of my knowledge.

(Last Updated on Jan 2021)