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Having 15 years of work experience in Instrumentation Maintenance, Projects, Production, Service in Glass Industry, Common Effluent Treatment Plants and Manufacturing Industry.

Career Profile

Hindustan National Glass & Industries Limited, Pondicherry, India.

Assistant Manager – Instrumentation Department (Feb 2023 - Till Date)

Design, development, manufacturing glassware, ceramic labelled glass bottles, related castings, moulds and accessories, mould equipment, IS machine and its accessories & marketing of glassware.

My Role:

- Troubleshooting of Batch House Plant, Furnace Plant, Distributor/Forehearths Plant, IS Machine, Futronic 12 Section Timing Panel, Bosch Drive Panel, Bottero Gob Distributor, three axis Heye Pusher, Bottero Pusher, Pennekamp three axis stacker system.
- Involved in Erection, Pre-commissioning of measuring instruments at field as per P&I Diagrams.
- I was primarily responsible for coordinating with the vendors for project specific instruments and materials like different types of sensors, valves (control valve, pneumatic ON-OFF valve, Transmitters (Flow, Level, Pressure, Temperature, Liquid Analysis).
- Programming-Logics, offline and online function checks in-process simulation.
- Co-ordinating with the quality department for audits.
- Co-ordinating with the calibration team in maintaining the calibration certificates and records.
- Preparation of datasheets for various instruments using P&ID.
- Revision of master list for all the equipments.
- Installation, operational & performance qualification for all the weighing scales installed.
- Managing the external calibration for the instruments and stamping of the weighing stones and weighing scales.
- Prepare specifications for purchase of materials and equipments.
- Scheduling Preventive Maintenance and Assigning job to the Engineers and Senior Engineers.
- Coordination with suppliers and system Engineering during project, Preventive Maintenance, Breakdown activities and AMC Visits.
- Maintenance of SCADA & PLC System along with Vendors.
- Preparing, checking and approval of instruments data sheet, sizing calculation.
- Budget Calculation, Project Management.
- Preparation of detailed cable schedule, Instrument/Cable/Cable tray layout drawing and wiring/termination diagrams for cabinets and Junction Boxes, Loop Wiring Diagrams, Pneumatic and Process hook up drawings as per Project requirements.
- Day to Day Breakdown Maintenance Activities related to control systems and instrumentation in the plant.

Precision Instruments & Electronics (Madras) Private Limited, Chennai, India.

Senior Engineer - Production & Marketing (Dec 2019 – Jan 2023)

PIE are the manufacturer of Vibration Monitoring System, Reverse Rotation Monitoring System, Accelerometer, Vibration Transducer, RTD and Thermocouple Pipe Assembly.

My Role:

- Search for the tenders in the government / Private website and quote the tender.
- Providing technical clarification (if any) and price negotiation and working towards to convert the tender into order.
- Follow up with the new / previous customers for the enquiry.
- Servicing and testing of our production instruments.

REIL Electricals India Limited, Pondicherry, India.

Senior Engineer - Production & Service (Mar 2015 – Nov 2019)

REIL Electricals India Limited are the manufacturers of Heavy Duty Starter Motors & Alternators for more than four decades for a wide variety of Light & Heavy Duty Applications in India.

These products are supplied to various OEM's like Cummins India Limited, Caterpillar, Kirloskar Oil Engines Limited, Greaves Cotton Limited, BEML Limited, and Indian Railways.

My Role:

- Preparing Starter Motor /Alternator analysis report and sharing the warranty acceptance/Rejection status to our distributor/dealer.
- Settlement of accepted warranty material child parts and labour charges to distributor/dealer.
- Preparing line rejection, field rejection, monthly service report and sending it to OEM.
- Testing and Servicing of starter motors and alternators.
- Supervising of production line to improve the production.
- Allocating work to contract labour and monitoring them till the work completion.
- Preparing and maintaining ISO documents.

IL&FS WATER LIMITED, Chennai, India.

Project Engineer (Mar 2010 – Sep 2011)

IL&FS Water Limited (IWL) is the water vertical of Infrastructure Leasing and Financial Services Limited and is engaged in the development and implementation of water related infrastructure projects.

The company is committed to building a vibrant organization which would evolve as a centre of excellence for water in the IL&FS group.

My Role:

- In this concern my role is as a project engineer involving in coordinating with the Engineering and procurement contractors erection and commissioning activities for the construction of Waste water zero discharge treatment plants of tannery effluent treatments plant for Amburtec Cetps in Ambur and Vanitec Cetp in Valayampet.
- Planning and monitoring day to day activities, attending weekly and monthly progress review meetings to appraise the client about status of instrumentation works.
- Review and approval of the detailed supplied instruments specification with the detailed engineering instruments data sheets and P&ID diagram with the respective contractors.
- Ensuring the installations of the instruments as per the tender document.
- Monitoring and comparing of process sequence and interlocks based on control philosophy.
- Coordinating with client and contractor to sort out site interfaces, marking up the changes made at site for preparation of "AS-BUILT" drawing.

Project: Ambur Economic Development Organization Limited, Ambur.

Description: Project consists of pipeline systems, Membrane Bio Reactor, RO plant, Evaporator and Crystallizer Plant through 3 Common Effluent Treatment plants.

Customer: 230 Tannery Industries through 3 CETPS.

Capacity: 7.2 MLD

Role: As Project engineer in site responsible for supervision of entire instrumentations works in Membrane Bio Reactor, RO plant, Evaporator and Crystallizer Plant.

ESSQCON INSTRUMENTS PRIVATE LIMITED, Chennai, India.

Project Engineer (May 2009 – Feb 2010) & (Oct 2011 – Feb 2015)

They are one among the leading manufacturer, supplier and erection contractor for all the instruments of various industries like Chemical, Pharmaceutical, Defense, Automobiles, Waste water and Water treatment projects on turnkey basis.

My Role:

- In this concern my role is as a project engineer, Erection, Commissioning of Endress+Hauser, ABB and Forbes marshall products range of flow meters, Level Transmitters, Analytical, Pressure and temperature instruments.

RLT INSTRUMENTATION PRIVATE LIMITED, Chennai, India.

Service Engineer (Jan 2008 – May 2009)

This concern is an authorized system partners for several majors Instrumentation Companies Like Endress + Hauser (germany), Pepperl + Fuchs, ABB, Honeywell India Ltd, GE Sensing India Ltd, Servomex and Waaree instrumentation”.

My Role:

- Erection, Commissioning and Servicing of Flow meters, Level Transmitters, Analytical, pressure and temperature instruments.
- As a Servicing engineer providing solutions and make Business development of above instruments in several industrial sectors like, Chemical, Pharmaceutical, Cement, oil, Automobile, Distillers, Power, Sugar and Water & Waste Water industry.

Academic Qualification

- B.Tech (Instrumentation & Control Engineering), Sri Manakula Vinayagar Engineering College, Pondicherry, 7.0 CGPA, 2007.

Technical knowledge

- MS Office package.

Personal Particulars

- Date of Birth: 14 May 1984.
- Languages: English, Tamil.
- Married.