**BHARAT NARAYAN CHOUDHARY**

**CURRICULAM VITTAE**

*A result oriented Instrument Engineer offering 13 years of rich experience in the areas of Operation & Maintenance and Quality Assurance DCS, ESD, F&G System, Analyser and various instruments in Petrochemical, Gasification industry. Adept at vendor co-ordinations and commissioning with demonstrated abilities in working with team. I am also having working experience of SAP P10/ SAP RP2 module, visionary leadership and excellent verbal/written communication skills.*

# PROFILE-SUMMARY

* Rich experience in managing Operations & Maintenance with key focus on optimal resource utilization.
* Analyse maintenance records to determine instrument failure rates, availability / reliability calculations, bad actor / failure modes identification, and program effectiveness / cost analysis.
* Perform process control philosophy reviews coupled with execution of control logic updates and loop tuningand participate actively to carryout Safety Critical checks (logic checks) and in execution through supervision of both in-house and vendor / contractor personnel to ensure completion of agreed schedule, scope and quality and ensuring safe working at all times.
* Support control system maintenance and test planning as required, software upgrades, ESD testing, offline and online testing, and coordination of activities with/without plant shutdowns.
* Instrumentation analysis, histories, etc. and ensure the provision of proper records of all works done according to standard engineering / company practice requirements.
* To eliminate repetitive failures through case study & root-cause analysis & reliability improvement plan of instrumentation.
* Expertise in troubleshooting of field Instruments, Gas Chromatography, Analyser& F&G System and Custody transfer Gas meter, DCS, ESD, F&G System, Control & ON-OFF Valves.
* Skilled in managing performance bottlenecks & taking corrective measures to avoid the same to achieve reduction in Operation & Maintenance cost.
* Being resourceful, problem solving &easy communicating with capability to network with vendors, contractors and stake holders with considerable ease.

# Professional Background and Accomplishments:

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| **RELIANCE INDUSTRIES LIMITED, JAMNAGAR, GUJARAT** | **MANAGER - INSTRUMENTATION** | **DECEMBER 2018 – TILL DATE** |

My **K**ey **R**esponsible **A**rea is as following: -

* Preventive Maintenance of instruments as per schedules for all equipment’s & all the stock levels to ensure the availability of spare parts at all times.
* Scheduled Maintenance of field Instruments, Analyser, F&G System of Honeywell.
* FOXBRO DCS system with Foundation Fieldbus H1 protocol & TRICONEX ESD with HART protocol.
* Participate with multi-disciplinary alarm management efforts including alarm rationalization, prioritization, development of state based alarm schemes, and design / modification of alarm systems
* Support metering systems maintenance planning including for custody transfer, allocation, regulatory, and leak detection applications

# KEY COMPETENCIES

*Manpower & Contract Management with AMC.*

*DCS/ESD/PLC.*

*Shutdown / Start-up Management.*

*Quality Assurance, IMS.*

*Training and Development.*

*Excellent Communication.*

*Team Building & Leadership.*

*SAP/ERP, PRIMAVERA.*

*ALARM Management.*

*SIL/SIS/SIF/HAZOP/HAZID.*

*Inventory Optimization.*

*On time spare availability.*

* Troubleshooting & Breakdown Maintenance of Control Valves, ON-OFF Valves, Flow meters (ultrasonic type, magnetic type, orifice type) Analysers. (CO/CO2, SOX/NOX, O2, Syn. Gas)
* Maintenance of Foundation Fieldbus enabled instruments, Marshalling Panel, System Panel etc.
* To carry out RCA of breakdowns and implementation of correction.
* Improvement projects for enhancing reliability of Instruments with available resources.
* Technical verification of vendor documents, specifications of instruments.
* Online monitoring system & troubleshooting with Bentley Nevada System BN 3500.
* Spare Management & Contract Management, reviews all materials, manpower and contract labours to ensure day-to-day maintenance, preventative maintenance and turnaround works are carried out to minimize unit down time.

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| **JINDAL STEEL & POWER LIMITED, ANGUL ODISHA** | **ASSISTANT MANAGER – E&I** | **DECEMBER 2014 – DECEMBER-2018** |

My **K**ey **R**esponsible **A**rea was as following: -

* To review/approve plan for testing, Scheduled Calibration & Maintenance of field Instruments, statutory compliance and safe working in hazardous area.
* Troubleshooting & Breakdown Maintenance of Control Valves, Positioner, GAS Detectors, Flow meters, Analysers (CO/CO2, SOX/NOX, Syn. Gas), Instrumentation Systems and carry out RCA.
* Finalizing the specifications of required spares and processing for procurement.
* Online monitoring of equipment with Bentley Nevada -3500,
* Shift Management, manpower distribution assigning job during shift.
* Technical verification of vendor documents, specifications of instruments.
* Upkeep of Instruments of COKE OVEN – BATTERY & By-product, CGP, AHP, FWHS, Ammonia Plant, Coke Oven Plant

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| **SOPAN O&M CO. PVT. LTD. AHMEDABAD** | **DEPUTYMANGER – O&M** | **SEP 2013– NOV-2014** |

*SOPAN is leader as Service Provider for Operation & Maintenance of CGD Business (i.e. CNG Stations, CGS, Compressor package, PRV, DG, UPS, Dispenser, cascade), EPC, Quality Cylinder Testing, Skid manufacturing etc.*

My **K**ey **R**esponsible **A**rea was as following: -

* To ensure timely preventive, predictive and breakdown maintenance of PRV Skid, Compressor Package, DG, Cascade, Condition Monitoring, instruments i.e. PG, DPG, TG, Level Gauge, Safety Relief Valve, Pressure Switch, Flame Detector, Gas Detector, Mass flow meter etc. assembled at client’s CNG stations
* Effective Spare Management and timely purchase requisition of spares for on time availability
* To liaise with purchase manger and ensure availability of spare at the time of maintenance
* Carry out technical evaluation of enquiry documents, identify problem areas and deviations and ensure all matters are resolved
* Carry out the initial engineering of equipment and accessories in accordance with tender specification
* Liaise with other managers to ensure the client’s requirements can be met, hand-over requirements and contract terms to the relevant team
* To submit technical & commercial quotation and support the team during execution of contract
* Installation & maintenance of custody transfer meters and check meters
* Maintain technical awareness and provide technical assistance and advice to the proposal engineers and other departments as required.

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| **GUJARAT GAS LIMITED, SURAT, GUJARAT** | **SENIOR ENGINEER** | **JULY 2008– AUG-2013** |

My Key Responsible Area was as following: -

* Strategic Planning for PNG Pre-Commissioning& Commissioning activity
* Planning & Execution of Planned, Predictive and Breakdown Maintenance.
* Preparation & execution of Monthly Planned Maintenance & Calibration activity as per SAP PM
* Monitoring Contractor’s performance, purchase requisition & technical evaluation of various tenders, P&ID, Installation layouts, hook up drawings as the BG/PNGRB/IEC/IS standard.
* Supervising day to day MIS and data generation, participating in project meetings, site visits and start-ups etc.
* Detail engineering project report and finalizing to be brought out equipment related to Pipelines, Fiscal Metering, Custody Transfer Meter and Instrumentations
* To manage contractors/vendors for laying pipelines and installation of metering skid with custody transfer meters, online odorant dosing system.
* Study the project plans, co-ordination with multi-disciplines and vendors for site activities installation, testing & commissioning, PNG, CNG, MRS, Custody Transfer Meters (AGA) Panel power up.
* Documentation to ensure compliance of various quality standards such as ISO 9001, ISO 14001 and OHSAS 18001, Review of Maintenance Procedures, modification work, Management of Change etc.
* Facing periodic audits, Safety Audit Tours, adhering on HSSE (Behaviour Based Safety, Life saver) practices. Ensuring compliance to permit to work system, Height work, Hot works as per HSSE policy, External & Internal audits (ISO/OHSAS/IMS)
* Carry out preventive, predictive and breakdown maintenance of all equipment of CGS i.e. RTU’s, Senior Orifice Meters, Ultrasonic Meters, Transmitters, Control Valves, ON/OFF Valves, PRS, MRS, CPRS, DRS, Gas Chromatographs (ABB, EMERSON, AMETEK), Gas Detector (MSA), SCADA (Honeywell EPKS), V-Sat System, NG Compressor, Mass Flow meters.
* Effective Spare Management and timely purchase requisition of spares for on time availability
* Prepare SOP and technical documents for calibration and maintenance of equipment

# TRAINING

* Trained on SCADA/DCS (EPKS) system by Honeywell Automation India Ltd, Pune.
* Workshops attended on Hazard Identification (HAZID), HAZOP and Safety Integrity Level(SIL) by ICRA
* Trained on Basic Engineering Fundamentals” RUB THE GOLD” M/s-Nirmal Industrial Controls Pvt Ltd, Mumbai
* Trained on Petroleum & Natural Gas Custody Transfer measurement by FCRI-Palakkad, Kerala.
* Trained on Bentley Nevada System for online condition monitoring of Machine.

# ACADEMIA

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| **Examination** | **Specialization** | **Institution** | **Year** | **University** | **Marks** |
| B.E. | E &E Engineering | RVCE, Bangalore | 2004-2008 | V T U, Belgaum | 68% |
| 10+2 | Science | Markham College of Commerce, Hazaribag. | 1998-2000 | BIEC, Patna | 60% |
| 10th | General | High School Bagodar. | 1994-1998 | BSEB, Patna | 61% |

# PERSONAL

* Qualification : BE (EEE)
* Current Employer : Reliance Industries Limited
* Current Designation : Manager – Instrumentation
* Current Location : Jamnagar
* Any Experience in Project : Yes
* Current CTC (Fixed + variable) : 13 Lac INR PA
* Expected CTC : 18 Lac INR PA
* Notice Period- : 3 Months
* Total Years of Experience : 13 years
* Contact Number : 9327918138
* Email Id : bnarayanc@gmail.com

I hereby declare that the above information is true to the best of my knowledge and belief.

Date: 12.01.2021 (BHARAT NARAYAN CHOUDHARY)