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| F:\Pinto 1\My Data\Pinto CV\pp.jpgPhotoPinto  **INSTRUMENTATION ENGINEER**: **12 years of experience****Industry Preference: Oil & Gas, Petrochemical**Pinto.373902@2freemail.com  |
| knowledge24x24iconsProfile Summary |
| Proficient in managing project activities from conceptualization to execution including technical specifications, stage inspections, progress monitoring, vendor management and manpower planning in **Oil & Gas,pipeline, Refinery and Petrochemical Plants.** Excellence in improving the efficiency of the automation & control using available resources by searching/ installing suitable instruments as per the requirements. Leveraged skills in performing functions of troubleshooting & breakdown / preventive / shutdown maintenance for bringing down process control instruments downtime to a minimum level. Skilled in executing process measurement, control instrumentation & services to monitor, record & optimize manufacturing processes, also configuring and programming various plant equipment; repairing, troubleshooting, corrective/preventive maintenance, modification, commissioning, installation and calibration of instrumentation systems and installation and commissioning of various Analyzer systems. Proficient with all International Industry Codes and Standards Related to intrinsically safe systems. A keen communicator with honed interpersonal, problem-solving & analytical skills.  |
| edu24x24iconsEducation |
| * **MBA (Project Management)** from Council of Distance Studies, India in 2013
* **Bachelor of Technology in Electronics and Communications Engineering** from AWH Engineering College, Calicut University, Kerala, India in 2005
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| core24x24iconsSkill Set |
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| Instrumentation & Automation | Operations & Maintenance | Installation, Erection & Commissioning |
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| Continuous Improvements | Training & Development | Quality Assurance & Control |
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| Loop Checking | Industrial Safety (HSE) | Team Building & Leadership |
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| softskills24x24iconsSoft Skills

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| Change Agent | Motivational Leader |
| Collaborator | Communicator |
| Thinker | Planner |

 | career24x24iconsTimeline**Since 2009**TEKFEN Construction & Installation Co. Inc., Lead Instrument Engineer**2013** MBA (Project Management) from Council of Distance Studies, India**2005 - 2009**Bharath Petroleum Kochi Refinery, Instrumentation Engineer  |

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| exp24x24iconsWork Experience**Since Nov’09: TEKFEN Construction & Installation Co. Inc.****Key Assignments / Deputations:****Since Nov’16-june 2017: Aramco Yanbu-Jiddah Pipelines EPC Project as Lead Instrument Engineer in Tekfen**Client: Saudi Aramco, Design Support: Jacobs Zate* Managing FEED/basic engineering and detailed engineering
* Administering the process of preparation of design deliverables with due consideration for applicable codes & standards
* Supervising manpower estimation, work planning / forecasting and excellent utilization of manpower, progress monitoring and adherence to scheduled completion of engineering documents
* Liaising with the other engineering disciplines, client and vendors control of quality of engineering documents
* Participating in change management and trend notifications
* Directing all instrument calibration activities, installation of instruments ,Analyser systems and tubings
* Controlling all instrument installation cable tray installation & terminations

**Since Jun’13-Oct’16: Sadara, Jubail as Lead Instrument Engineer, Sadara Project, Propylene Oxide Unit 360**Client: Sadara, Foster Wheeler – Tekfen* Communicating with Leads of other departments to reflect the as-on-date input from other departments, as applicable
* Monitoring all changes / modifications in the deliverables intimated by project, prior to release of deliverable
* Ensuring proper checking & review of all documents / drawings before release at any revision status
* Supervising manpower estimation, work planning / forecasting and excellent utilization of manpower, progress monitoring and adherence to scheduled completion of engineering documents
* Experience in analyzer applications, troubleshooting and associated sample system and other equipment and operations at production facilities including equipment specification, operational and maintenance requirements, reliability and safety in designs.
* Liaising with the other engineering disciplines, client and vendors control of quality of engineering documents
* Participating in change management and trend notifications
* Directing all instrument calibration activities, installation of instruments ,Analyzer systems and tubings
* Controlling all instrument installation cable tray installation &terminations

**Nov’12 – May’13: Ma’aden, Saudi Arabia as QA/QC E&I Engineer, Ma’aden EPC of Additional Tank** Project Title: P.A.P.Client: Maaden- Tekfen* Managed Discipline Inspectors and Certification Clerks
* Entrusted with the task of ensuring:
* Quality of all work by means of quality control / inspection in accordance with ITP, relevant codes, procedures and specifications
* Employer representative is notified of upcoming work activities requiring review / witnessing /acceptance in a well-timed manner
* Raised NCR in the event of non-compliance issues being advised by QC personnel, or other authoritative personnel and developed mechanical completion dossiers
* Monitored calibration of Instruments & Gauges and installation of electrical & instrument equipment, loop checking, designing and controlling of all site activities

**Aug’11 – Jun’12: Mesaieed, Qatar as QA/QC Electrical & Instrumentation Engineer, QAPCO, LDPE3 Plant Construction Project**Project Title: Construction of a New Low Density Polyethylene Plant, including 4000 bar Compression Unit, Reactor, Extruder, degassing-blending-packaging together with utilities, and tie-ins to live Ethylene PlantClient: QAPCO, Engineering: UHDE GmBH. , Construction: Tekfen* Supervised document control according to QAPCO QA/QC procedures and coordinated all electrical and instrumentation inspection activities
* Conducted:
* Inspection and testing of cables that are installed at site
* System check before punching, periodic inspection of installation routes and cable support systems prior to cable run,
* Periodic inspection of installed cabling, glanding and terminations
* Earth resistance test of the Grounding System
* Material receiving inspection for electrical and instrumentation materials

**Nov’09 – Aug’11: Ma’aden, Saudi Arabia as QA/QC Electrical & Instrumentation Engineer, Ma’aden Phosphoric Acid Plant Project - P.A.P.**Client: Worley Parsons, Engineering: Litwin, Construction: Tekfen* Ensured document control according to MA’ADEN QA/QC procedures
* Performed inspection and control of Instrumentation and Fire & Gas, Telecom System work at site, inspection and control of Electrical and Instrumentation equipment to be used at site; after delivery

**Accomplishments:*** Played a key role in understanding the scope, scheduling timely and site conditions, managing budgets, arranging resources, proper remedies to solve the upcoming risks and periodical reviews to conclude instrumentation projects on time & within budget.
* Successfully organizedtool box meetings,HSE trainings, detailed training and work shop sessions to each activities prior to start field activities like panel installation, cable pulling/terminations, instrumentinstallations, tubing etc. training initiatives for instrumentation teams.
* Recognized for providing unique / innovative ideas for instrumentation projects based on the experience and project conditions.
* Managed to overcome cooperation with other discipline, scheduled completion date and material availability will be the key challenges and also by taking typical measures in materials ordering complying with the time frame and daily follow up with other discipline activities and also reducing reworks.
* Took several cost saving initiatives such as properly organized work flow, reduce reworks, proper preservation and material management etc.

**Oct’05 – Oct’09: Bharath Petroleum Kochi Refinery, Kerala, India****Key Assignments:****Apr’08 – Oct’09: Instrumentation Engineer - Bharath Petroleum Kochi Refinery (BPCL – KR), Kochi**Project Title: Capacity Expansion and Modernization Project (CEMP Phase II)* Executed commissioning of various flow, level, and temperature and pressure instruments
* Entrusted with coordinating mainly Heater, Prefractionator and Naphtha Stabilizer Unit, Utilities section entailing Steam Turbine, Gas Turbine& Compressor
* Liaised with Equipment Calibration Dept., conducted DCS Site Acceptance Test, checked Interlock System using various PLC andinstalled Bently Nevada System

**Oct’05 – Feb’08: Bharath Petroleum Kochi Refinery, Kerala, India as Instrumentation Engineer (Maintenance) Bharath Petroleum Kochi Refinery (BPCL – KR), Kochi - Crude Distillation Unit*** Performed:
* Routine preventive and shutdown maintenance of field, instruments and control systems, loop checking
* Shutdown interlock checking and also maintained the records of the same
* Installation and calibration of Vibration Monitoring Systems mainly Bentley Nevada Vibration Monitoring Systems, all types of pressure, level and flow, transmitters including I/P Converters and Air Regulators
* Overhauling and servicing of different types of Control Valves, Valve Positioners & Actuators

core24x24iconsKnowledge Purview* Comprehensive working knowledge of:
* National Electric Code (NEC) /NFPA /IEC.
* Electrical installations including materials, methods, specifications, and hazardous location identification for oil and gas & petrochemical industries
* Telecommunications in the field of outside plant and Premise distribution system.
* Calibration of Instruments and Gauges and installation of DCS System, Cables, Mounting of Instruments, CCTV, Pager and Telephones

 Training* Attended Training Program in Programmable Logic Controllers and SCADA (Supervisory Control And Data Acquisition) Systems

personaldetails24x24iconsPersonal DetailsDate of Birth: 16th May 1982Languages Known: English and HindiPresent Address: UAE |