

Udayakumar Ponnusamy
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Total Years of Experience: 23 Years

Educational Profile

Qualification: Diploma
Discipline: Mechanical Engineering
Institute: IGNOU, Coimbatore
Class Obtained: First Class (80%)

Contact Information

6/1056, Thiruvalluvar Nagar
Sirumugai
Sirumugai (Post)
Coimbatore (District)
Tamil Nadu
India - 641302

Personal Details

Gender: Male
Date of Birth: 01.01.1977
Marital Status: Married
Nationality: Indian
Languages Known: Tamil & English
Passport Number: T1984542
Validity: 25/03/2029
Driving License: Holding India DL

CURRICULAM VITAE

Career Objective

To excel in the field of Control Valves in areas of Servicing, Overhauling, Assembling, Testing, Calibration, Commissioning & Trouble shooting to meet the organizational objectives.

Current Employer

M/s Baker Hughes, GE Oil & Gas, Field Service Engineer, Dubai, U.A.E
November 2020 to Till Date

Roles and Responsibilities

- Field service supports to provide end-to-end service including on-site diagnostic testing, removal, overhaul, repair, installation, commissioning, faultfinding and calibration of control valves, mechanical valves, and safety relief valves.
- Coordinate all day-to-day field service requirements and perform the repairs, including service center repair.
- Provides shop services for valves, actuators, and general process control instrumentation.
- Specialized testing / investigating of valves to meet customer requests for specific information about valve performance.
- Serve as a project leader on all support jobs and serve in a supervisory role when providing these support services.
- Assembling, Testing and Calibration of HART, Fieldbus, and Pneumatic & Electronic level instruments.
- Technical Discussion with Customer, Consultants and End Users.
- Provide/delegate training and assist in problem solving.
- Review of valve spare quotations and BOM.
- Prepare and present technical data Training to internal employees and product presentation to the customers.
- Responsible for quality control of all work performed.
- Review and approval of Inspection and Test Plans & Documentation.
- Detailed Root cause analysis & Implementation of non-conformance processes, corrective actions, and preventive action processes.
- Interface with product engineers, representatives, suppliers, third party inspection agency and customers to resolve quality issues and field any questions that arise.
- Co-ordination of internal quality program, customer surveillance, third party inspection, and regulatory agency audits.
- Maintain employee focus on quality programs.
- Collect, document, and provide feedback to employees on the quality of their workmanship and authorize any rework as deemed necessary to achieve zero defects.
- Determine safety codes and engineering standards applicable to repair work performed.
- Responsible for maintaining a safe and healthy work environment(s) and adhering to all policies.

- Provide guidance and feedback to employees on day-to-day job engagement activities or responsibilities to ensure employees maintain focus on productive business tasks.
- Maintaining and updating of valve overhauling & servicing records in valve database software in ValvKeep.

Organizational Experience Summary

❖ M/s Weir Oil and Gas, Valve Specialist, Muscat, Sultanate of Oman

October 2018 to October 2020

Roles and Responsibilities

- Provide high quality Valve Classroom Theory training to the PDO Trainee Technicians.
- Provide high quality Valve Practical training to the PDO Trainee Technicians and Assessments.
- Support to analyze & trouble shoot the issues identified in the Control valves and Mechanical valves received from the plant.
- Educate the trainees practically to inspect, overhaul and test the Control valves (Choke, Gate, Globe, Plug, Butterfly and Ball valves etc.), Mechanical valves, NRVs, Pressure Relief valves, Pressure Vacuum valves & Pilot Operated Safety Relief Valve.
- Attend weekly meeting with site repair representatives to discuss on valve activities and to provide quality & cost competitive solutions.
- Special tools design and recommendations to improve the workshop as fully equipped for repair activities.
- Provide Continuous improvement ideas for workshop development & for process improvements.
- Carry out daily toolbox talks focusing on safe workshop practice & identify risks.
- Start to provide high quality engineering reports for all Valve activities.
- Support the development and implementation of workshop SOP's and PDO work packs.
- Perform additional Valve expertise, such as field investigation and commissioning services.
- Be actively involved in the development of WEIR ECITB Valve Training Program.

❖ M/s DServe, Delta Corporation, Control Valve Specialist, Doha, Qatar.

June 2017 to September 2018

Roles and Responsibilities

- Field service supports to provide end-to-end service including on-site diagnostic testing, removal, overhaul, repair, installation, commissioning, faultfinding and calibration of control valves, mechanical valves, and safety relief valves.
- Commissioning and calibration of control valves, pipeline valves, and pressure relief valves, pressure vacuum valves, pilot operated safety relief valves, digital level transmitters and valve accessories in various customer's plants.
- Ensuring that all Project staff are aware of the project scopes and are capable of the delivery of such scopes of work.
- Provide support to the workshop and field supervisors and technicians.
- Ensure that appropriate HSE, JSA & procedures, equipment and training are in place.
- Provide Engineering support as required.
- Ensure on Projects that all is specified and ordered as required on the project plan.
- Organize all installation and commissioning activities of projects.
- Deliver customers with technical and product information.
- Assign duties to appropriate personal and implement their job duties.
- Manage all personal time sheets and ensure work performed is recorded against work orders

❖ **M/s GE Oil & Gas - Baker Hughes – Dresser Valve India Pvt Ltd, Field Service Engineer / Valve Shop Supervisor - Masoneilan Products, Coimbatore, India.**

December 1998 to June 2017

Roles and Responsibilities

- Supervision of the valve shop, preparation of daily, weekly, and monthly production planning & daily production scheduling for achieving of monthly production targets by optimum use of available resources.
- Monitoring and controlling valve shop operation efficiency – Man-hour Capacity Utilization, Lead time, Production Plan vs. Actual and Delivery Performance (OTD).
- Monitoring and controlling product quality –FPY, Rejection, Rework rate and Customer complaints and to take corrective actions wherever necessary and co-ordination with cross functional dept. to resolve the issues.
- Co-ordination/ facilitation of internal QA Dept. for the Inspection of finished products by the clients & third-party inspection agencies (TPI).
- Selecting, Ordering and Purchasing of automated tools used for valve shop.
- Assembly, Testing & Calibration of Masoneilan and other OEM Control Valves, Ball Valves, Plug Valves, Butterfly Valves, Gate Valves, Pneumatic Actuators, Electric Actuators (Rotork & Auma), Piston Cylinder Actuators, Electrohydraulic Actuators, Smart Digital Level Transmitters and Accessories in Shop or customer plant locations.
- Use of Smart Digital Positioner with ValVue3 for SVI, Foundation Field bus for FF & Smart Level Calibration and ValVue3 for Level Calibration.
- Dynamic Response Testing of Control valves for Antisurge Applications.
- Experience in Commissioning and Calibration of Control Valves, Pipeline Valves, and Pressure relief valves, Pressure Vacuum Valves, Pilot Operated Safety Relief Valves, Level Transmitters and Valve Accessories in Various customer's plants.
- Preparation of schematics hookup drawings for types of valve accessories.
- Knowledge of Standards like API, ANSI, ASTM, ASME, NACE, ISO, PED, ATEX.
- Computer Awareness: Comfortable working in Windows and manufacturing ERP Software like AIMS, SAP & ORACLE.

❖ **M/s PRICOL – Undergone Government of India Apprenticeship Training - Coimbatore, India.**

December 1996 to November 1998.

Certifications

- Training on Tapping Workmen Creativity for shop floor improvements Conducted by CII.
- Actuator training for assembling, testing and calibration from M/s Auma (India) Pvt Ltd., Bangalore & M/s Rotork (India) Pvt Ltd., Chennai.
- Swagelok Fitting Installation Training Program Conducted by Bangalore Fluid System components Pvt. Ltd, Bangalore.
- Lean Champion & 5 S Training Program Conducted by M/s Dresser Inc. USA.
- EOT Safe Crane Operation Training Conducted by M/S Loss Control Services-Vadodara.
- Recognition of first Position F&PT- EHS Canvas on Collab towards Commitment to EHS.
- Training on Dresser Masoneilan products in Dresser FRANCE, Conde.
- Basic H2S Training – OPITO Approved, Conducted by Venture Gulf Training Centre, Qatar.
- T-BOSIET Training – OPITO Approved, Conducted by Venture Gulf Training Centre, Qatar.
- Training & Assessment on Rigging & Slinging Safety – Rigger Level 1, Conducted by CarlStahl, Dubai.
- Certification of Achievement on MARC Certified Shop Technician Level I, Baker Hughes, Dubai

Declaration

I hereby declare that the above details furnished by me are true to the best of my knowledge.

Udayakumar Ponnusamy