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DOB: 30 December 1993

Father's Name: ETHIRAJ.T(DGM, NTPC)

Address:

2/187 CH. Chettythotam Corporation

Bank Colony Edayarpalayam Road

Vandavall, Coimbatore-641041

Notice Period: 45 days

Willing to Relocate & Travel: Yes

Current Work Location: Coimbatore

Passport No: N 9871882

Interests & Hobbies: Reading books,

Listening to Music, and Playing

Badminton.

ASHWIN BABU E

QA/QC ENGINEER.

Seeking Mid-senior-level assignments in the domain of Quality Assurance and Control for Mechanical equipment Packages and their auxiliaries with an organization of high reputation.

I am well experienced and have good expertise in handling Project orders from very diverse customers, for Centrifugal pumps and OEMS in the Manufacturing industry & in Supplier evaluation, Fabrication, RCA, Problem-solving with exposure to standards like API, ASME, ISO, CE, ATEX Etc.

CERTIFICATION



Completed NDT Qualification ASNT-Level-II, in following methods.

Ultrasonic Testing-UT, Radiographic Testing- RT, Liquid Penetrant Testing-LPT, Magnetic Particle Testing-MPT, Visual Testing-VT.



Lean Six Sigma.

Lean Six Sigma Green belt (LSSGB)

Lean Six Sigma Black Belt (LSSBB).



CE & ATEX Directive – 2014/34/EU for European Directive product certifications for the pump packages.



NBQA Integrated management system Certified internal auditor for ISO 9001:2015,14001:2015,45001:2018

WORK EXPERIENCE



Flowserve India Controls Pvt Ltd., - QA/QC Engineer, Coimbatore

June 2019 – Present (Rotary Equipment's)

Official Website: <http://www.flowserve.com>

- Efficiently managed final package of Centrifugal pump orders worth **INR 200 Cr/Year**.
- Strong customer focus and solution / result-oriented approach in execution
- Handled huge volume of orders from multiple customers pertaining to Centrifugal pumps and valves and met KRA requisites.
- Review of all ITP requirements & documents and Planning for Customer witness i.e. **Balancing, PMI, Ferrite & NDE** requirements, Seal Systems, painting requirement etc.
- Inspection of Pump packages internally for stages, Final Before TPI or Customer Witness Circulation of Pending punch Points to the concerned stakeholders & management. And raising of internal NCR in Quality Quest (Global Quality System) for all deviations.
- Final inspection of various types of **BB1 to BB5, VS1, VS4, VS6, OH2** pump packages as per **GAD, PID, ITP & API 610** requirements.
- Coordination with **customers & Third-Party Inspectors** for offering of stage and final inspection as per customer specifications and ITP requirements.
- Having knowledge in reviewing of testing reports of pumps testing reports.
- Developed **45 New supplier for Flowserve-CBE & Responsible for maintaining AVL**.
- Frequently evaluate **80 Supplier yearly** based performance metrics & Review of action plan for and audit non-conformity and observations.
- Supplier Development through **Supplier Assessment, Audits, Green channel** Journey, Quality Assurance programs, Improvement Programs
- Reviewing & Approving CAPA of Internal & External audits and continuously improving.

KEY RESULTS AREAS

Planning & Scheduling

Final Inspection

Supplier Evaluation

Vendor Development-PPAP, APQP

Six Sigma Black Belt

Problem Solving

8D,5WHY, DMAIC,6M

Technical Review as per QAP

Planning and scheduling

Customer & TPI handling

CE, ATEX, REACH, UL

Negotiation Skills

Procurement

Fabrication

Project Management

TECHNICAL EXPOSURE

API standards

ASME Standards

ASTM standards

ASNT LEVEL-2 RT, UT, MPT, PT&VT

Machining

GD&T

IT SKILLS

ORACLE

MS OFFICE

MS Excel

- Drive for Special Product certification i.e., **ATEX, CE, CUTR, UL, SASO & REACH Etc.**
- Familiar in reviewing of **BOM** for Pump package for Product Certifications.
- Support Commercial Operation team during order execution stage for special Product certification Requirements.
- Monitoring/Reviewing and implementing necessary actions for the **customer complaints, Internal NC, Supplier NC RCA + CAPA** implementation/Effectiveness (**5 WHY analysis, Fish bone diagram, 8D, etc.**). To prevent occurrence/recurrence of NC, continuously coaching the process owners and recommending necessary improvement projects in kaizen, Lean Manufacturing, Joint process improvements, etc. to improve the process performance in all aspects.
- Worked with stakeholders and Reduced **Supplier & Internal NCR by 30%** Ref to last year.
- Leading Quality Assurance team for smooth operation by completion of Process Audits, & fitter qualifications for Process deviation and review of the action plans for non-conformity and observations.
- Procurement of necessary capital equipment to increase the productivity of the plant.

Clients handled

Shell, Veolia, ExxonMobil, Toyo, Petrofac, Tecnicas Reunidas, Technip FMC, Technip Energy, BPCL, Reliance, Enerflex , CPCL Hyundai, Alfancar , Wood PLC, NTPC, BHEL, Thyssenkrupp, L&T, Petronas, Dangote, JGC, Samsung Engineering, Thail Oil, Adnoc, BPCL, KOC, Flowserve Business Units Across the world.

TPI handled

ABS, UL, BVIQ, TUV, LLOYDS, SGS, TATA Projects, Intertek, Etc.



LR Fabrications Private Limited – Project QA/QC & Procurement Engineer, Coimbatore

May 2016 – June 2019 (Static & Rotary Equipment's)

Official Website: <https://lrfabrications.in>

- Efficiently managed pumps orders worth up to **INR 30 Cr / Year** concurrently.
- Demonstrate ownership and accountability for **total project execution**, performance, form (project initiation to project completion) on all projects
- Strong customer focus and solution / result-oriented approach in execution
- Ensure active participation of all stakeholders for the Internal Kick-off Meetings.
- Collaborating with project stakeholders to thrive for maintaining OTD for all orders.
- Conducting Phase Gate reviews and circulating RAIL actions
- Risk identification and mitigation, Change Order Management
- Preparation of cutting plans and **procurement of raw materials** as per customer specifications and **BOM Requirements** after negotiation from raw material vendors with minimum inventory conditions for the fabrication process.
- Carryout in-process inspection for the raw materials received from the supplier i.e., review of MTC as per **ASTM & Purchase order** requirement and order Bill of materials.
- Carry out **stage inspection** for fabrication at the tag weld stage before final welding process.
- Exposed to welding Processes (**GTAW, SMAW, FCAW etc.**), and welding Procedures such as **WPS, PQR**, as per the standards, and codes such as **ASME, ASTM, Etc.**
- Establish specific advanced product quality plans (**APQP**) and other related project-specific documents like **ITP, Weld plan, Weld map, HT instruction** developing **WPS/PQR/WPQ** for various welding processes i.e., GTAW, SMAW & FCAW.
- Performed Non-Destructive testing PT requirements for welding as per the ITP requirements.
- Organizing for **RT, UT, MPT & ferrate testing** requirement as per the ITP requirements
- Review of **RT Films** as per the **ASME standards** and guiding welders for **weld repair**.
- Organizing for **stress relieving** for the fabricated parts as per **ASTM standards and ITP requirements**
- Expertise in **Machining GD&T** and using **micrometers** and other measuring instruments for the measurement for **critical dimensional tolerance** of pump components Such as **Discharge Head, Suction Barrel, Column, Adapter Column Pipes, Motor Stands, Bearing Housing, and Base Plates, Valve Body, Process Vessels, Heat Exchangers Etc.**
- Monitoring/Reviewing and implementing necessary actions for the **customer complaints, Internal NC, Supplier NC RCA + CAPA** implementation/Effectiveness (**5 WHY analysis, Fishbone diagram Etc.**
- Carrying out inspection activities at the **supplier end** to avoid reworks during customer inspections.
- Organizing and handling Customer/Third party inspectors (TPI) offering inspection and witness with respect to QAP.
- Carry out visual inspections for final packing and shipment.

Clients handled

(Flowserve, Sulzer, ITT, MHI, Sundyne, Pump Works, Milton Roy) global Business units), KMML, TNPL

TPI handled

BVIQ, TUV, LLOYDS, SGS, TATA Projects, Intertek, Etc.

MANAGERIAL SKILLS

Client handling

Stakeholder management

Team management

Supplier and Service Provider
management

LANGUAGES

English – Fluent

Tamil – Fluent

Hindi – Fluent

Sourashtra-Speak (Mother tongue)

NOTABLE CREDITS

- Handled huge volume of orders from multiple customers pertaining to Centrifugal pumps and Fabrication to meet KRA requisites.
- Saved 30-35 Lakhs/Year in raw material procurement
- Familiar with standards such as API, ASTM, ASME, Etc
- Developed **45 New supplier for Flowserve-CBE & Responsible for maintaining AVL.**
- Frequently evaluate **80 Suppliers yearly** based performance metrics & Review of an action plan for and audit non-conformity and observations.
- Worked with stakeholders and Reduced **Supplier & Internal NCR by 30%** Ref to last year.

PROJECT REPORTS (Jan – April 2016)



The final year project was done on "Productivity improvement of second pass water wall panel in once through supercritical boiler "at M/S BHEL Trichy

ACHIEVEMENTS WORKSHOPS ATTENDED DURING COLLAGE (2012-2016)



- Won first prize in ultimate metallurgist conducted by Amalgam
- Attended Welding Workshop Conducted By Amalgam



- Won FIRST PRIZE in FABSTEEL conducted by Mettle.
- Won SECOND PRIZE in SANCHANA conducted by Synergy.
- Published The Conference Paper on Helical Coil Heat Exchanger
- Friction Stir Welding Workshop In National Level Technical Symposium
- Attended AUTOMOBILE workshop conducted by Mettle.

EDUCATION



B. Tech in Mechanical Engineering from Periyar Maniammai university

Batch of 2012 to 2016

Secured 8.30 CGPA with high grades in core engineering.



Tamil Nadu State Board Higher Secondary Schooling from St. John's Vestry AI Hr. Sec. School

Batch of 2011 to 2012

DECLARATION

I do hereby declare that the information furnished above by me is correct and Complete to the best of my knowledge.

Place: Coimbatore
Date: 18-07-2023

Yours faithfully

Ashwin Babu. E