

RESUME

Rahul Avinash Suryawanshi
B. E. (Production)

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Job Objective:

To associate myself with a professionally run business organization, that has potential growth for both organizational and personal.

Profile Summary:

- Diligent and proactive individual with qualitative **7.8 years of experience comprises 2.7 yrs in Supplier Quality and Site Quality Engineer & 5 yrs in NPD & Quality operation.**
- Currently working with Armstrong Machine Builders Pvt. Ltd, Nashik as a Quality Engineer and was spearheading the dedicated team for Site visits.
- Possesses the excellent people management, planning, presentation and communication skill.

Technical skills:

- **Six Sigma (Green Belt) Certification.**
- Experience Supplier Quality Engineer and Site Quality Engineer, New Business Development (AMC), SAT & FAT, Material Science, Manufacturing Process, Supplier Audit and Quality documentation.
- Previous industry experience in NPD & feasibility of Sheet metal, Tubular and Fabrication parts for Automotive sector industry.
- Good command over core Quality tools such as **APQP, PPAP, FMEA, and Control Plan.**
- Knowledge of Engineering Basics **GD&T, Welding symbols, IMDS (Int. Material Data System)**
- Experience in Engineering (NPD), Manufacturing, Quality.

Soft Skills:

- Good written and verbal communication & professional attitude towards work.
- Strong sense of ethics & sense of ownership and urgency when working in the company.

Academic Details:

- Graduation in **Production Engineering** from Amrutvahini College of Engineering, Sangamner, Affiliated to Pune University with **55.93 %**.
- Diploma in **Mechanical Engineering** from D. Y. Patil Polytechnic, Pune, affiliated to MSBTE Mumbai with **57.49 %**.
- HSC in **Science** from K.A.A.N.M.S. Arts, Commerce & Science College, Satana with **49.83 %**.
- SSC from L.P.D.P. Maratha English School, Satana. (Dist.-Nashik) with **74.49 %**.

Certification:

- 1) Catia V6 & Delmia V6 (Through Tata Technologies, Pune).
- 2) Six Sigma Green Belt (Through Reliable Auto tech Pvt. Ltd, Nashik).

Professional Summary:

Armstrong Dematic Machine Builders Pvt. Ltd., Nashik

Duration : Feb. 2021 to present

Designation: Quality Engineer

Roles and Responsibility:

- Assess potential suppliers' capabilities, quality systems, and performance history to determine their suitability as partners.
- Establish and communicate quality standards, specifications, and expectations to suppliers, ensuring they understand and can meet these requirements
- Conduct regular audits and inspections at supplier facilities to ensure compliance with quality standards and industry regulations.
- Collaborate with suppliers to improve their quality management systems, processes, and performance through training and process improvement initiatives.
- Define key performance indicators (KPIs) and metrics to monitor supplier quality performance, and track and report on these metrics regularly.
- Identify, investigate, and resolve quality issues and non-conformances in a timely and effective manner, working closely with suppliers to implement corrective and preventive actions (CAPAs)
- Assess and mitigate potential risks associated with supplier quality, including supply chain disruptions, defective products, and quality-related financial impacts.
- Maintain accurate records of supplier quality performance, audits, and inspection reports, and ensure compliance with documentation requirements.
- Develop and implement quality control plans and inspection procedures for supplier-provided components and materials.
- Address any performance issues and work collaboratively with suppliers to drive continuous improvement.
- Provide feedback and suggestions for enhancing supplier processes to optimize quality, efficiency, and reliability.
- Responsible for SAT (Site Acceptance test) & FAT (Factory Acceptance Test) at Project installation site.
- To monitor the project snag point closure and share the lesson learning to a concern dept.
- Conduct a site visit of the team to monitor the Site Acceptance Test (IQ, OQ & PQ) to process the smooth handover of the site from the Projects Dept.
- Identify training needs/gaps and coach team members and nominate them for pieces of training to sharpen their skills.

Platemasters, Bhosari, Pune. (Tier 1 Automotive supplier)

Duration : Mar 2017 to May 2020

Designation: NPD + Quality Engineer

Roles & Responsibilities:

- **New product development:-**
 - Evaluating **feasibility** for parts and also providing technical solutions and guiding the team in selecting the right process for the right part to meet **customer design requirements** & assisting the new product launch by working with suppliers to ensure that key milestones are achieved.
 - Conducting the manufacturing feasibility of sheet metal manufacturing & fabrication based on design drawings.
 - Providing the inputs to Tools manufacturer to achieve the right first time.
 - Experience in **BIW Product development and Manufacturing** process (Press Machine & Welding).
 - Approving the **Welding fixture and inspection fixture** as per product requirement from the customer.
 - Preparing the PPAP documents including the FMEA and other necessary documents.

○ **Quality Assurance:-**

■ **Supplier, In-house & Customer :-**

- Responsible for Quality Management System Documentation related to Product / Process Audit.
- To review and assess manufacturing procedures, typically by visiting supplier facilities and observing their manufacturing environment.
- Assists in identifying, communicating, and resolving to manufacture quality problems and drives the prevention action through mistake proofing.
- Resolving the defects through process improvement

■ **Welding shop:**

- Effectively communicating risks and opportunities related to welding and fabrication work.
- Supporting new and existing projects with the development of specifications, qualification, testing, inspection, and failure analysis of welding and fabrication-related technical issue.

✓ **Achievement:**

Have successfully completed the projects like **Backhoe Front Aesthetic, Fuel tank, Hydraulic tank, Engine Hood & Tool box** of major agricultural and construction equipment manufacturing OEM.

Balaji Tools, Bhosari, Pune.

Duration: Aug. 2015 to Feb 2017

Designation: Production & Quality Engineer

Roles and Responsibility:

- Inspecting the incoming raw material.
- In-process Activity- Check & follow parts in production according to Quality standards.
- In charge of incoming & PDI of In-house products.
- First Piece approval before mass production on regular basis.
- Review and ensure about drawings and planning for production.
- To fill final inspection report while dispatching product.
- Ensure about product dimensions as per Drawing.
- Check the product according to firewall and inspect it.
- To fill final inspection report while dispatching product.

Industrial Internship Experience:

Industrial Training –B.E. Final year project:

Reliable Autotech Pvt. Ltd. (Jan-Mar. 2015)

Project : To reduce the rework and inspection of clutch pedal by using SIX SIGMA methodologies.

Project Description: We use D-M-A-I-C Cycle to find out problem in clutch pedal in which forming height was a problem and we resolve it by using six sigma methodologies while completing project we used different quality tools such as 7QC tools and DOE (Design of experiments) tools.

Highlights

- **Publish a research paper on final year project in international journal IJRSE, Vol.4**

Final year Diploma Project: Pick and place Pneumatic arm

Project Description: A pneumatic arm which works on compressed air and was actuated by DCV valves.

Personal Details:

Name: Rahul Avinash Suryawanshi.
Date of birth: 12th October, 1991
Nationality: Indian
Gender: Male
Marital Status: Married
Permanent Address: Satana, Dist.-Nashik.

Place: Nashik

(Rahul A. Suryawanshi)