

SAGAR RATHOD

E: sagarrathod.55002@gmail.com

P: 940 907 2710

A: 101/Sundaram 1, Near New Ring Road,
Ghogha Road, Bhavnagar, Gujarat

Seeking assignments in a new product development or operations where I can utilize my expertise through
Design & Process Engineering.

Preferred Location: Anywhere in India

PROFESSIONAL SUMMARY

- A competent professional with a year of experience in Process Engineering, where focused on gathering and organizing real time information and practical production data to facilitate effective decision-making and successful operational improvements.
- Currently working with Sujan Cooper Standard AVS Pvt Ltd. (Pune) as an Assistant Manager in Process Engineering. Responsible for process improvements, new part / process validation and waste reduction.
- Strategic planner and analytical problem solver. History of improving production and maximizing efficiency by use of Automation.

CORE COMPETENCIES

- Time and Motion Study
- Cost saving
- Process Engineering
- Waste Reduction
- Productivity Improvement
- Cost Estimation for New Product Validation
- Lean Implementation
- Tool Trial and New production Validation
- Project Co-ordination
- Manpower Handling

WORK HISTORY AND RESPONSIBILITIES:

1. Assistant Manager (Process Engineer Dept.) at **Sujan Cooper Standard AVS Pvt Ltd, Pune, Maharashtra**
Duration: *July' 18 to Present*

Work Responsibilities:

- Reviewing the *processes, identifying areas* that required improvement.
- Continually *increasing plant stability and plant capacity* by applying *Automation* on major products and processes.
- Optimizing *equipment performance* with change in existing process or the way to perform the process.
- Validating the *multi-cavity rubber injection moulding process* by performing part moulding trials.
- Reducing the *manufacturing rejection level* by applying the *Poka yoke* concept at the stage of prevention.
- Preparing the cost sheet (RFQ) for multi-cavity process validation expenditures.
- Continually improved methods and procedures for *processes, measurement, documenting* and work flow techniques.
- Developing the *way of documentation, including diagrams and specifications*, to meet project requirements and regulatory standards.
- Establishing *project schedules and ensured that milestones* would meet during each phase.
- Providing *technical assistance to the production people* when issues arise.

2. On Job Trainee at **Hindustan Dorr-Oliver Ltd, Ahmedabad, Gujarat**

Duration: *July' 12 to Dec' 12*

Work Responsibilities:

- Prepared WPS for welding operation on all new and existing parts.
- Verified and approved the TC of newly purchased welding electrodes.
- Determined the cost sheet and process flow to be used for welding operation.

3. On Job Trainee at **Larsen & Toubro, Heavy Engineering Division, Surat, Gujarat**

Duration: *Jan' 12 to June' 12*

Work Responsibilities:

- Created engineering documentation, including manufacturing processes, equipment specifications and implemented modifications.
- Supervised the entire production process and prepared the proper documentation for dispatch.
- Performed root cause analysis and implemented corrective actions as required.
- Designed and incorporated process design improvements.

SKILLS:

Software Skills:

- Basics of AutoCAD, CATIA, ANSYS
- Microsoft Office
- Basic functions of SAP

Corporate Skills:

- Verbal and written communication
- Can speak multiple languages (Eng/Hindi/Japanese/Guj/Marathi)
- Strategic planning
- Lean principles

Professional Skills:

- PFD and PFMEA preparation and Capacity planning
- Time study and work study
- Takt time and cycle time calculation
- Machine OEE calculation and Production Schedules
- Cost estimates

ACCOMPLISHMENTS

- Completed 12 parts multi-cavity moulding process validation of Renault company's project successfully.
- Implemented some mechanical and optical/electrical preventive Poka yoke on machines to reduce the rejection level.
- Increasing plant productivity by developing some parts on automated process instead of manual one.

EDUCATION

M.Tech. in *Manufacturing Engineering and Automation* completed in 2018

- College: College of Engineering, Pune (CoEP)
- Ranked 1st in Manufacturing Engineering & Automation stream.

B.E. in *Production Engineering* completed in 2016

- College: Government Engineering College (GEC), Bhavnagar, Gujarat
- Ranked 1st in Gujarat Technological University (Production Eng. stream)
- Ranked 164th in GATE examination in Production and Industrial Eng. specialization

Diploma Engineering in *Fabrication Technology* completed in 2013

- College: Sir Bhavsinhji Polytechnic Institute (BPTI), Bhavnagar, Gujarat
- Ranked 3rd in Gujarat Technological University (in Fabrication Technology stream)

AFFILIATIONS

- was a member of ASQ (American Society for Quality)
- was a member of IIW (Indian Institution of Welding)

CERTIFICATIONS

- Certification in JLPT N5 test
- Certified AutoCAD Designer
- Certification in PFD and PFMEA preparation
- Certification in Essentials for NX Designers
- Certification in Essentials for ANSYS (Static Structural)
- Certification in Work Safety and Quality Management

PAPER PUBLICATION

- Presented and Published a paper named "**Review of Resistance Spot Welding of Dissimilar Metals**" in 'National Conference on Recent Trends in Manufacturing & Production Engineering' at D Y Patil College of Engineering, Akurdi, Pune, Maharashtra in 2017.

PERSONAL DETAIL

- Date of Birth: 22 Nov 1993
- Linguistics: English, Hindi, Japanese, Gujarati and Marathi
- Current Location: Pune

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

Signature

Sagar Rathod