**ANEESH SHARMA**

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D.O.B.: 11.09.1988

Current Company: Raicam Automotive Private Limited

Current location: Ahmedabad

Permanent Address: Chinchwad Pune

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Detail driven engineer with **7 years and 6 months** **of experience as Production/Project Manager in Automotive** products’ process design, material handling and heavy machinery. Currently Serving as Industrial Program manager for Clutch Release System parts.

B.E., Mechanical Engineering. S.G.S.I.T.S. Indore 2011.

**Recent Achievements**

* **Driven the team for upgrading the Renault Nissan ASES Rank D to C**.
* **Successful completion of IATF Audit, representing Program management and Process Engineering Departments**.
* Core- team member representing Project Management in bagging the 90% business of BS6 ‘Clutch Release System’ from a Major Automobile Giant.
* Core- team member representing Project Management in bagging the of BS6 ‘Clutch Release System’ from a Major Automobile Giant for Light Commercial Vehicles.

**Core Responsibilities: Project Management**

**Project management**: Project industrialization plan, Project life cycle Calculation, responsible for the complete APQP timeline adherence.

**Engineering Change Management:**  Oversee all Engineering Changes during Project Phase and after Project Completion of the Site.

**APQP Gate Reviews:**  Closure and monitoring of all gates as per Project Milestones.

**Oversee project & facility arrangement for the plant for short and long term business plan achievement. Technical negotiations, Asset Management- Facility creation, maintenance and upgradation**

**Budget & Costing:** Oversee, whether every activity/buying is done under well defined and planned Budget Target.

**Vendor Development:** Develop Material vendors and other tier 2 suppliers to meet the design requirements of the child parts.

**Customer Interface:** Single point of contact for Customers for any technical and commercial query. Facilitate Customer visits, Audits and all interactions with the technical teams of the company.

**Core Responsibilities: Process Engineering**

**Define the technical specification of new equipment as per Part Drawing, Process requirement.** Justify Capex with ROI Calculation, required capacity calculation. Technical negotiations, Asset Management- Facility creation, maintenance &amp; upgradation.

**Negotiate techno commercial proposal with supplier and selection of best.** Make plan for New Equipment development, production trial, layout and installation.

**Decide Process flow and manufacturing process/parameters** for new part/product. Process Specification Charts, Process Validation Report, Process flow.

**Conduct Process Validation.** Make IATF PPAP Documents- PFD, PFMEA, CP. Derive and implement PFMEA/ Control Plans for new product introduction (Process engineering role in NPD.

**Plan and execute low cost automation to improve human productivity.**

**Design and implement and continually improve process layout for lean material movement**

**Benchmark human capital productivity with challenging targets for improvement.**

**Analyse and Plan space requirements and work flow for maximum efficiency.** Assess manufacturing capabilities and economics. Conduct Time Study, Method Study and other Industrial Engineering

**Interaction with production/user dept.** to understand requirements for upgradation.

**Support zero defect and cycle time reduction Programs;** provide support for quality improvement activities.

**Technology Transfer:** Implement new technologies and process’ used globally in India.

**Process Design**: Benchmarking, Process Selection, Cycle Time & Takt time calculation Study, Line Balancing, PFD and PFMEA preparation, Part inspection Standards, accommodate the machine/fixture features as per WCM methodologies.

**Project Execution**: D.A.P. approval for all Assembly machines and Process Equipment. Responsible for Installation of the complete Assembly Line Including the material handling equipment and packaging.

**Line Validation:** Ensure vertical line installation and ensure to achieve O.E.E. in minimum time as per project complexity. Responsible for establishing the process parameters as per standard SPC techniques and Design of Experiments.

**Packaging and material flow design:** Design and manufacturing/order of packaging material for end to end processes, manufacturing to Customer end. Design of material flow on assembly line ( from store and internal).

**Unit Material handling:** Design and development of overhead, belt and carousel type conveyors, to meet specific requirements of the plant.

**Capex Purchase:**  Independently responsible for uploading Cap-ex requirements, with techno-commercial comparison. Validating and buying-off all the critical machinery needed for the current project.

**Gauge and Fixture development**: Responsible for development and manufacture of all the checking gauges and fixtures to be used for part validation and final assembly checks.

**Assembly Machine Design**: Establishment of standard Design Review points in C.F.T. with Assembly and maintenance departments, for maintainable, easily operable and flexible machine.

**Plant &Line layout and material handling design**: Line layout preparation as per World Class Manufacturing Standards, Design of internal material flow, External packaging design and calculation.

**Key Process Expertise:**

1. Automatic assembly lines: fitment, pick and place methodologies, feeding arrangements, SPMs
2. Vibration Welding
3. Hot Brass insert pressing in plastic/polymers,
4. Induction heating and equipment.
5. Riveting: Spin Riveting machines (pneumatic)
6. Screwing: Self tapping
7. Nut runners: Electric D.C. brushless,
8. Soldering: Lead based
9. Machining Operations: Milling, Lathe operations, VMC, plasma cutting etc.
10. Fabrication process: Welding, Bending, cutting, grinding, buffing etc.
11. Pneumatics: Cylinders, boosters, valves and Circuits.
12. Material Handling Equipment: Overhead conveyors, slides, powered and belt conveyors, gravity conveyors and chutes.
13. End of line testing machines: CAN based.
14. Leak testing machines and Systems.
15. End of Line Testing Systems.

**Trainings acquired:**

* IATF 16949 clauses and ISO 18001.
* Kaizen and 5s implementation

**Software skills:** Auto-Cad 2D, basic knowledge of CATIA and Pro-E.

**Professional Experience**

1. **Raicam Automotive Private Limited 1st January 2018- Present**

**https://www.raicam.com/**

ASSISTANT MANAGER, Program/Project Management: Raicam is the leading supplier of Clutch release Systems, Clutches and Brake pads in the world. With headquarters in Manoppello Italy, Raicam has manufacturing plant locations in Italy, Turkey, China and India, with Brakes Design centre based in United Kingdom.

**Completed Projects:**

1. **Project Lead for Clutch master Cylinder Production Start Up at Sanand, Customer: Mahindra & Mahindra, Renault Nissan Automotive India Pvt. Ltd. & TATA Motors**

* Assembly Line Set up and PPAP
* Supply Chain and Warehouse establishment.
* Development of local Suppliers
* ECN handling in the current product.
* Establishment of the warranty team.
* Closing of the APQP Phase review: Line handover to production.

**Achievements:** Achieving complete installation of the line in one week.

**Ongoing Projects:**

1. **Eagle 2 Bs VI: Responsible for complete APQP Process’ of the project covering more than 8 car models.**

* Development of Injection Moulded, rubber and metallic Components
* Oversee complete project APQP activities in India.
* Support Customer in design Freeze and project level ECNs.
* Manage and Evaluate Project Expenses.
* Adhere to timeline and target prices of development components.

1. **BS VI Projects for Light commercial Vehicles, TATA Motors**

* Development of Injection Moulded, rubber and metallic Components
* Oversee complete project APQP activities in India.
* Support Customer in design Freeze and project level ECNs.
* Manage and Evaluate Project Expenses.
* Adhere to timeline and target prices of development components.

1. **Project Lead for High Pressure Steel Pipe Production Start Up at Sanand, Customer: Mahindra & Mahindra**

* Assembly Line Set up and PPAP
* Supply Chain and Warehouse establishment.
* Development of local Suppliers
* ECN handling in the current product.
* Establishment of the warranty team.
* Closing of the APQP Phase review: Line handover to production.

**Achievements:** Achieving full capacity of the line in one week.

**Other Projects:**

1. **Project Lead for Establishment of Clean room**

Design and Development of 250 Square Class 100000 Clean room in the factory.

Installation and commissioning of the Clean room.

Achievements:

* Cost Saving achieved : INR 50 Lacs against Budget.

1. **Magneti Marelli Motherson Auto Systems Pvt. Ltd. 2nd Feb 2015- 1st Aug 2017**

[**http://www.motherson.com/magneti-marelli-motherson-auto-system.html**](http://www.motherson.com/magneti-marelli-motherson-auto-system.html)

ASSISTANT MANAGER, Process Design: Magneti Marelli Motherson Auto System Ltd (MMM) is a joint venture between Samvardhana Motherson Group, India and Magneti Marelli, Italy which is a leading company in designing and production of systems and components for the automotive sector.The company is into automotive lighting products, integrated plastic air intake manifold assembly and pedal box module.

**Completed Projects:**

1. Project Lead for line development, process design and Installation of **Air Intake manifold line: Gasoline/Diesel for Mahindra & Mahindra,**

Achievements: Fully automatic, machine-run of Brass Insertion while matching the cycle time and diminishing human effort to load brass inserts with, automatic loading.

1. **Air Intake manifold Assembly Line for Chrysler JEEP:**

Responsible for development of the Assembly Line for the welding and Assembly of Air intake manifold.

Achievements:

* Development of End of Line Testing System at a very low cost, based on CAN communications. Total cost saving by 0.4 Cr.
* Introduced dual channel leak testers to check two cavities in one single station, thus reduction of the cycle time.

**Ongoing Projects:**

1. **Pedal box Assembly Line for Chrysler JEEP:**

In process of development of semi-automatic Assembly Line for the assembly of Pedal boxes.

Achievements:

* Introduction of wireless transducerized tools to ease up production and maintenance and to improve ergonomics and accessibility at the assembly station.
* Reduction in the overall cost of the nutrunners and screwdrivers by 0.5 Cr.
* Introduction of new suppliers delivering the standard quality and to reduce cost.

1. **Air Intake manifold Assembly Line for Mahindra & Mahindra:**

Development of low cost assembly line for Air intake manifold for Mahindra & Mahindra .

1. **Air Intake manifold Assembly Line for Maruti Suzuki india Ltd.:**

Development of low cost assembly line for Air intake manifold for MSIL .

1. **Minda Industries Ltd. Pune ; 1stAug-2011- 31st Jan 2015**

[**http://www.mindagroup.com/**](http://www.mindagroup.com/)

ASSISTANT MANAGER, PRODUCTION: UNO MINDA is a leading Tier 1 supplier of Proprietary Automotive Solutions and Original Equipment Manufacturers (OEMs). Spanning, three continents, with sustaining enterprising business practices, NK MINDA Group’s turnover is around US$ 500 million.

**Completed Projects:**

* Project lead for 2 Straight Ovens: temperature 120 deg.c and250 deg. C, lengths 4.5m and 6 m respectively. Ovens used for curing of paint applied on headlights. Customer:**MIL-Lighting.**

**Team size- 7**

* Project Lead for material handling systems BIW welding shop. Customer: **Cosma International India**.**Team Size - 7**
* Project lead for Carousel Oven: temperature 120 deg.C and250 deg. C, Customer:**MIL-Lighting. Team Size- 7**
* Automated soldering process for temperature sensors used in motorcycle engines. Project cost around INR. 5million. Estimated cost saving of INR 1 million with in-house developed process. Customer: **MIL-Electronics**.**Team Size-10**
* Project lead for transporter gantries 15m long and 4.5m high used for movement of Aluminium Die Casted wheels. Project cost: INR 3.6 million. Customer; **Kosei Minda Aluminium Company Limited**.**Team Size- 10**
* Project lead for transporter gantries 7m long and 4.5m high. Project cost: INR 3.0 million. Customer; **Kosei Minda Aluminium Company Limited. Team Size- 10**
* Project Lead for Overhead Conveyor 230m in length and 6 m high. Project cost: INR 5 million. Customer; **Kosei Minda Aluminium Company Limited. Team Size -15**

Other Projects and activities:

* Vendor development: Developed contractor for erection of conveyors and transporters in Chennai, Pune and New-Delhi
* Detailed study of 4-axis and 6-axis robotic arms which can be used in various process applications.
* Experience of working with Aluminium die casting machines and their process flow, powder coating line and painting lines.
* Research on Helium leak testing, glue dispensing and screwing for gas valve assembly lines, seeking quotations and finalization of process partners. Customer: Minda Emer Technologies Ltd.
* Experience in working with PLCs, VFDs and different types of component presence sensors, color sensors and other equipment used in feedback and control circuits.
* Experience in SAP functioning, purchase request generation, purchase order generation and service order release

**Professional Development**

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| * **B.E. Mechanical Engineering: SGSITS, Indore(M.P**) | * **65.3%** |
| * XII th : D.A.V. Public School Kota . CBSE | * **73 %** |
| * Xth Vandana Convent School Guna . CBSE | * **91.4 %** |

**Extra-Curricular Achievements**

* **Vehicle Development:**All-Terrain Vehicle development and testing competition **SAE BAJA 2011**. Undertook responsibility for roll-cage design and manufacture along with safety norm adherence.
* Runners –up **in Technical paper presentation held at IT-BHU**, Varanasi. Subject: Vacuum insulation system using concrete structures.
* Secured position in top 5 **in technical paper presentation held at IIT-Kanpur**. Subject: Vacuum insulation system using concrete structures.
* Successfully completed 1month training in **Volvo Eicher Commercial vehicles Ltd**. On LCV assembly line. (May 2008 to June 2008).

**Hobbies and interests**

* Bike-riding, long trips with biker groups, thus developing risk-taking capacity and go-getter spirit.
* Contemporary literature: developing the ability to influence minds of team members leading them towards a positive attitude.