

LOGESH S

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OBJECTIVE

Design Engineer with experience in developing innovative and cost-effective products. Proficient in CAD software, 3D modeling, and technical documentation. Adept at collaborating with cross-functional teams to achieve project goals. Demonstrated ability to meet deadlines and adapt to new technologies while maintaining high quality standards. Committed to continuous learning and professional growth in the field of design engineering.

SKILLS

- CREO 9.0 (3d Solid Modeling, Sheet metal, Piping, Assembly, Drafting)
- SAP
- Auto Cad (2d Drafting)
- GD&T

EXPERIENCE

DESIGN ENGINEER at ASARA EQUIPMENTS (ON-SITE), BENGALURU

[Jun 2023 TO present]

- Worked on designing and fabrication of **belt conveyor baggage loader** which is fully electric involving hydraulic operations.
- Proficiency in **Creo Sheetmetal & solid modeling**.
- Designed for the fabrication of dashboard for off road vehicles.
- **Reverse engineering** on bench marked products to get dimensions and detailed designing.
- Designed mounting brackets for parking brake cables, controller covers and other new conceptual products.
- Facilitated for the **detailed drafting** of various components.
- Developed new customized **welded structures** for **ground support & material handling equipment's**
- Creation of **ECN & ECR** for new product release and revised products.
- Experienced in part modeling, creating sheet metal components, Complex Assemblies and drawing in Creo.
- Creation of **BOM**.
- Prepared **parts and operational manual** for entire vehicles.

SETTER – PRODUCTION at EGGER PUMPS PVT LTD, Coimbatore.

[Nov2019 To Jan2023]

- Check day wise production and quality, identify the gaps (Losses)and workout suitable short term and long term counter measures
- Ensure cleanliness and safe work place and drive to implement improvements
- Monitoring and optimizing the manufacturing processes & troubleshooting problems in coordination with supporting departments for regular products, new product development &improving efficiency.
- Daily, weekly, hourly review of quality rate regularly and taking necessary actions for reduce the scrap rate. Making improvements on product quality and audit the improvement activities regularly.
- Making immediate and permanent corrective actions for customer complaints and in house rejections.

PRODUCTION ENGINEER at SUNDARAM CLAYTON LTD – TVS, Chennai

[June 2014 To Jan 2018]

- Utilized more than 30 manpower and achieve the target outputs from them
- Execution of daily and monthly reports of Production, Rejection trends and Overall Equipment Efficiency.
- Handling of VMC, HMC, machines with Fanuc control and Leak testing machines.
- Collaborated & maintain the effective relationship with internal suppliers & customers to ensure required inputs are available on time.
- Oversaw and control the inventory day wise. And reduce cost by seven types of waste Elimination.
- Setting time reduction by SMED (Single Minute Exchange Die)
- Handling of 4 axis and 5 axis VMC and HMC.
- Follow and implement the TPM, 5S, Kaizen, Poke-yoke and having knowledge in Kanban, JIT
- Develop & motivate the employees by provide technical training and provide skill matrix.
- Responsible for maintaining 5'S in machining line through my machine concept.
- Optimum utilization of Man and machine.

ACHEIVEMENTS

- Reduced the machine shop rejection rate from 8000 PPM to 500 PPM through QC story methodology.
- Played a key role in the reduction of scrap. And successfully implemented steps in all machining cells.
- Active participant of supervisory improvement team(SIT).
- Facilitator for Quality control circle and Suggestion coordinator. Motivate the employees and getting the suggestions from them and cooperate with them to implement those Suggestions and QCC
- Reduced rejection rate 17/month to 2/month in Housing 2 (ZF Gearbox Housing Parts) from single point cutting edge to multi point cutting edge with guide pads PCD boring tool.
- Customer complaint of operation missing Eliminated by the poke yoke implementation.
- Cost reduction –Coolant Wastage and minor Stoppage Reduced with Coolant tank Modification.

TRAINING GAINED

- 7QC Tools
- TPM
- SPC GD&T
- 5S
- CNC Milling and turning programming
- CNC machine setting and varies cutting tools
- Hydraulics & pneumatics.

ACADAMIC DETAILS

- Diploma in Mechanical Engineering - (80%) **Nachi Muthu Polytechnic college, Pollachi** – April'2014.
- S.S.L.C (96%) **Veveaham Higher Secondary School, Dharapuram** –May'2010.

PERSONAL DETAILS

Date of Birth : 20th July 1995
Sex : Male
Nationality : Indian
Marital Status : Single
Father name : G. Sampath
Languages Known: English & Tamil

Declaration

I hereby verify that all the information provided is Correct and complete to the best of my knowledge

LOGESH S
Signature