PRASANNA VENKATESH S

QUALITY CONFORMANCE ENGINEER
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PROFILE SUMMARY :

Mechanical Engineer with 1 year 10 months of professional experience in manufacturing company with passion towards to improve quality and productivity improvements. Possess profound experience in quality conformance, Metallurgical lab, Customer quality, Project management.

EDUCATIONAL QUALIFICATIONS:

COURSE	INSTITUTION	BOARD OF STUDY	YEAR OF PASSING	PERCENTAGE/ CGPA
B.E (Mechanical Engineering)	PSNA college of engineering and technology	Anna university ,chennai	2019	6.3
HSC	Sivakasi Nadar matriculation higher secondary school	State board	2015	88.5
SSLC	Sivakasi Nadar matriculation higher secondary school	State board	2013	91.6

TECHNICAL SKILLS:

- Lean Manufacturing Tools : Continuous improvement (Kaizen), why-why analysis, POKA YOKE, 5S
- Software: SAP, AUTOCADD, MS office package.
- Other skills : 7 QC tools and QC methodology , Project planning & Project management ,GD&T, Basics of Measuring instruments.

ROLES & RESPONSIBLITIES :

- Conduct the Sunrise meeting and task allocation to quality team in every shift.
- Process and product parameter checked as per schedule in die casting machine.
- Check and follow LCR, First off inspection report, Control plan, 4 pc inspection std in all the machines
- Conduct the process hygiene audit and verify the parameters as per standard.
- Find and resolve the customer complaint defects in process stages.
- Prepare the QC story and find out the corrective actions for all customer complaints.
- Implement the POKA YOKE in all the machines and inspect as per monthly schedule.
- Prepare and Monitoring the IHR & CELR data and graphs.
- Prepare the Pre-delivery inspection and firewall inspection standards.
- Collect the sample MSN & PSN casting from the customer end and identify the defects location.
- Blow hole and leak identification by using for Radiographic inspection.
- Visual inspection and dimensional inspection for sample casting.
- Preparation of quality alerts and One point lesson.
- Understanding the dimensions and identify critical profiles by using 2D drawings.
- Conduct the quality proving trails for NPD parts.

- Knowledge in blow hole and porosity classes standards.
- Well knowledge in defect matrix and defects identification.
- Analyze the PFMEA & control plan.

WORK EXPERIENCE:
TVS Sundaram Clayton - GAT   **(DEC 2019 to OCT 2021)**
- Quality improvement Projects
    1. Wire mesh holder modification
       Design and modify the wire mesh holder as per casting gate profile area and reduce castingrejection from 5% to 4.5%
    2. Die cooling project
       Modify and add the new pipeline for die cooling in CH BMW parts , by this implementation shrinkage rejection has been reduced from 12% to 8%.

- Kaizen Improvement
    1. Provide additional core pin in bottom die for CH TATA
    2. De-coring fixture modification for crack reduction
    3. De-coring hammer swivel modification for better de-coring process
    4. Shot blasting jig modification for get a better roughness of the casting

ACADEMIC PROJECTS : (PSNA College)   (2018 - 2019)
    1. Comparative study for coated and non coated HSS tool.
    2. Design and fabrication of pneumatically operated paper cup making machine

STRENGTH:
- Decision making ability
- Multi tasking
- Interpersonal skills
- Strong team player

INDUSTRIAL EXPOSURE:
- ROOTS INDIA, Coimbatore.

PERSONAL INFORMATION:

Date of Birth   : 16.05.1998
Birth place   : Madurai
Languages known   : Tamil , English
Hobbies   : Cricket, Reading

ACKNOWLEDGEMENT:

I hereby declare that information furnished above is true to the best of my

knowledge.

 DATE:

PLACE: SIGNATURE