

MAULIK CHAUHAN

TOTAL EXP. 4.8 YEARS

24, Annapurna Soc, Bapunagar, Ahmedabad, Gujarat, India-380024 |

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PROFILE SUMMARY

Qualified B.Tech Metallurgical Engineer with 4+ years of experience in Automotive industry specialty in Quality Assurance, New Product Development (NPD), Supplier Quality development (SQD), Vendor Quality Development, APQP, PFD, FMEA, Control Plan (CP), PPAP, MSA, SPC, 7QC Tools, IATF 16949(QMS), MIS Report, Auditing, Project management, Change Management, Customer satisfaction review (CSR), Process improvement, Customer service management, Value Stream Mapping (VSM), KPI, TPM, Internal Audit, MRM, Product and Process audit, Kaizen, Poka-yoke, MIS Reporting, 5'S, Metallurgical testing (i.e. Metallography, Micro Vickers Hardness testing, Rockwell Hardness Testing, Microstructure examination, Lab Documentations)

EDUCATION

B. TECH IN METALLURGICAL ENGINEERING | AUGUST 2015 – MAY 2018 |

INDUS UNIVERSITY, AHMEDABAD, GUJARAT | **8.68 CGPA**

DIPLOMA IN METALLURGICAL ENGINEERING | AUGUST 2012 – MAY 2015 |

GOVERNMENT POLYTECHNIC, RAJKOT | GUJARAT TECHNOLOGICAL UNIVERSITY | **9.47 CGPA**

KEY SKILLS & COMPETENCIES

- Quality Assurance (QA)
- New Product Development (NPD)
- Supplier Quality Development (SQD)
- Vendor Quality Development
- APQP, PPAP, PFD, FMEA, CP, MSA, SPC
- IATF 16949(QMS), Internal audit & MRM.
- Problem solving & Change Management.
- Customer service management.
- Process & Product audit.
- Green field project development
- Standard operating procedure (SOP/WI)
- 8D, A3, 5'S, Kaizen, Kanban, Poka-yoke
- KPI, PDCA & Daily MIS report analysis.
- Value stream mapping (VSM)
- Metallurgical Testing & Lab. Documentation.
- SAP, Citrix, Excel, Word, PPT
- 7QC Tools

CERTIFICATION

Automotive Industry Action Group, CQI-9 (Certified Auditor) – Aditya consultants.

EXPERIENCE

SENIOR ENGINEER – QUALITY ASSURANCE & SYSTEM |

HIGHTEMP FURNACES LIMITED, SANAND | JULY 2019 - ONWARDS

- IATF 16949:2016 & ISO 9001-2015 system development, certification and maintaining quality standards.
- Certified CQI-9 Internal auditor to ensure Process and Product quality and pertaining documentation.

- Green field project handling. (Installation and commissioning of new project equipment and facilities)
- Customer relationship management. Interacting with customer irrespective to quality improvement.
- Customer satisfaction verification through the service.
- Submission of operation quotation (RFQs) to develop new customer.
- Handling of customer audits and execution of action plan to resolve customer inputs.
- Supplier establishment and development, Support to supplier for consistent reduction of failure rates.
- NPD parts developments as per customer requirements through prior Risk Analysis of product.
- Planning and conduct Internal audit. Close the Non-conformities (NCs) or discrepancies by using specific tools such as A3, 8D, Ishikawa diagram, and Root-cause analysis (RCA).
- Continuous improvement of production process to improve productivity & part quality.
- Monthly KPI trend analysis and define action plan to achieve the target.
- Daily MIS report analysis for Process status and Product quality.
- Ensure Advanced product Quality Planning (APQP) is performed and proceeding in accordance to required project timing and the risks are addressed with mitigation plan.
- Developing Process flow diagram (PFD), Process Failure mode effect analysis (PFMEA), and Control plan (CP) by measuring product safety concerns and customer specific requirement.
- Submission of Production part approval process (PPAP) documents for new developed materials.
- Developing quality control process by using 7QC tools, SPC analysis, MSA analysis, Kaizen & Poka-yoke.
- Heat Treatment cycle design (Carburizing, CNT, Hardening, Tempering) and Production planning.
- Quality control from material incoming to dispatch and including In-process quality by performing metallurgical test on material such as Microstructure analysis, Micro-hardness testing, hardness testing, Brinell hardness testing and Furnace gas analysis through analyzer.
- Plant 5'S implementation & maintenance. TPM implementation.

GRADUATE ENGINEERING TRAINEE | SKF TECHNOLOGIES (INDIA) PVT. LTD. |

JUNE 2018 – JUNE 2019 (1 YEAR)

- Control plan and Process FMEA mapping to identify process Non-conformities (NCs) and resolve the NCs by systematic approach, however process gets strengthen and value added.
- Operation planning and monthly material flow analysis through citrix.
- Value-Stream Mapping (VSM) of process flow to found bottleneck and take mitigate action.
- Successfully completed project of “Process cycle time reduction and increase in productivity”
- Process control and Product quality inspection of heat treatment such as Carburizing, Hardening, Tempering, Secondary hardening and Austempering.
- Operation planning and Process & Product quality control of surface treatment processes like Black oxidizing and Phosphating.
- Product quality inspection such as Micro such as Microstructure analysis, Micro-hardness testing, hardness testing, Visual inspection of Black oxidizing and Phosphating material.

PERSONAL DETAILS

Date of Birth: December 02, 1996

Language proficiency: English, Hindi, and Gujarati