

To leverage my experience in Production Engineering & leadership to drive operational efficiency. Seeking a challenging role to utilize my skills in Operation Management, Manufacturing Engineering and Project Management with strong technical leadership, fostering collaboration, and achieving targets contributing to organizations growth and success.

PROFESSIONAL SKILLS

- New product/prototype development
- New Process development
- Statistical Process Control and process charts
- Process optimization
- Risk Assessment and Technical Evaluation
- MRP/ERP systems
- Continuous process improvement
- RFQ, Tooling and development cost estimation
- Process capability analysis and Capacity planning
- Cost Savings, Resources planning and optimization
- Project Management
- Greenfield and technology transfer projects
- APQP (Advanced Product Quality Planning)
- Influence and Lead Teams
- Cost-saving recommendations
- Excellent Communication
- GD&T practices
- Control plans
- Lean Six Sigma implementation
- Pro-E, AutoCAD, Autodesk Inventor
- Engineering change management
- Root cause analysis and troubleshooting
- Lean manufacturing
- Vendor development
- Ergonomic reforms
- Implementation of Standards and Regulations
- Operation Management
- Kaizen and 5S culture implementation
- DFMEA, PFMEA
- Technical leadership
- Cross-functional collaboration
- Negotiation skills

PROFESSIONAL EXPERIENCE

Plant Manager – Manufacturing, Mississauga
Assistant Plant Manager – Manufacturing
CHEP Canada Inc., (www.CHEP.com)

July-2022 – Apr-2023
May-2022 – July-2022

- Managed daily plant operations including production, maintenance and logistics, ensuring compliance with labour, safety and corporate policies
- Maximized productivity by analysing the records of daily progress and identifying and rectifying the areas of improvement to meet the daily output requirements
- Developed and implemented initiatives for 5S, lean, continuous improvement and resources optimization
- Executed budgetary planning and monitored financial performance to ensure the facility met its commitment for OPEX and CAPEX
- Led the plant leadership and operations team by coaching and mentoring, implementing performance management strategies to enhance employee performance in terms of safety and productivity
- Ensured adherence to quality standards and optimized production through process improvement and strategic workforce planning
- Managed plant maintenance activities by scheduling weekly planned maintenance of key areas requiring attention
- Implemented best practices, cost efficiencies across the plant by maintaining quality and material utilization
- Managed personnel by implementing company policies, procedures and CBA work rules and disciplinary actions
- Oversaw a 3shift operation facility and storage yard with over 90 workers and plant leadership team
- Implemented ISO standardisation, maintained plant to GMP and OHSA requirements
- Coordinated company projects and programs with senior leadership to support manufacturing function

Supervisor – Manufacturing, Vaughan
Mobile Climate Control Inc., (MCC) (www.mcc-hvac.com)

Sep-2021 – May 2022

- Trained, mentored and led the floor team to enhance performance management and improve productivity
- Led a unionized team of operators in Metal shop operations setting up the daily production expectations
- Liaise with other supervisors, team leaders, and support personnel to optimize plant and department performance in line with tactical and strategic plans
- Implemented Lean by reducing the material movement between the metal shop and brazing shop
- Collaborated with QA to follow on scrap parts, engineering design issues by implementing “In-process Quality”
- Prepare production summaries, downtime, weekly inventories and new production reports

Supervisor – Manufacturing, Edmonton
Martin Sprocket and Gears Inc., (www.martinsprocket.com)

Jan-2019 – Sep-2021

- Coordinated everyday operations of the department to effectively meet and exceed revenue targets
- Implemented 5S and tool management system to bring OPEX down by 2% YOY and meeting deliveries at 97%
- Drive customer experience through 99% order accuracy and 100% on time shipping of delivery from warehouse
- Coordinate with sales team and keep them informed on progress of all the critical orders and schedules
- Assist in hiring and training of new hire employees with the shop equipment's and procedures
- Implementation of Safety standards/procedures and safety training for the employees
- Implemented the new ERP system for warehouse and production tracking for the facility with ongoing production
- Maintain high standards of Manufacturing Procedures and housekeeping in the production facility

Managing Partner Engineering, Ahmedabad
Creed Engineering.,

Mar-2016 – Jan-2019

- Led manufacturing projects for new product launches, continuous improvement projects for existing products
- Standardized production process by implementing Lean practices and implemented cost-saving measures
- Assisted Customers in the development of conceptual, preliminary, and detailed solutions for manufacturing setup
- Innovate and rethink the existing manufacturing processes for efficient processing and profitability enhancement
- Developed scope statements, project schedules and project budgets and technical offers to inquiries
- Developed process routing, designed and improved fixtures and equipment for fatigue and productivity

Assistant Manager – Manufacturing Engineering, Ahmedabad
SKF India Pvt. Ltd., (www.skf.com)

Jan-2011 – Mar-2016

- Prepared technical documents, drawings and specifications for RFQ and conducted feasibility study
- Developed PFMEA and executed Project through APQP process for development of TBU's in India
- Performed feasibility study by preparing and prepared RFQ for purchasing machines and Tools
- Delivered capacity enhancement and cycle time reduction projects effectively reducing CT by 23%
- Performance test runs & acceptance of machines at supplier and post commissioning
- Planned, Co-ordinated & monitored capital investment for the TBU development and production project
- Planned and scheduled project, work package activities, and conducted business gate meetings
- Designed layout for new investment and improved the existing layout to improve ergonomics
- Worked with purchase to develop the vendor for new products development of secondary parts
- Led the customer process audits and received product and plant approvals to start the supplies
- Provide day to day support to operations through the Process Problem Solving System and Daily Management

Sr. Engineer – Manufacturing Engineering, Pune
Kirloskar Oil Engines Limited., (www.Kirloskar.com)

Aug- 2008 – Jan-2011

- Critical Process improvement support to the sourcing team in the development of new products
- Time study and analysis of the existing process to improve the productivity and quality of products
- Improved manufacturing efficiency by analysing workflow, space requirements, and equipment layout
- Approved manufacturing drawings and prove process for machining of Crankcase, Cylinder head, and Crankshaft
- Analysed and optimized CT for supplier's bottleneck to improve the supplier productivity
- Cycle time reduction and Line Balancing for the existing products, technology transfer to suppliers
- Cost new tooling, assist in tooling life studies of new tools, and help maintain the Tooling management system
- Develop process cards and maintain Documentation for ISO process and production mapping
- CNC Programming and proving, fixture trials before rolling out to production usage

ACCOMPLISHED PROJECTS:

- Operations cost reduction by 2% by implementing 5S and Lean methods
- Established the maintenance by planned maintenance implementation and parts inventory management
- Developed the Part painting fixtures for Tata Motors new launch vehicle
- Localisation of assembly tools and fixtures for FORD and TATA engine assembly at Sanand Plant
- Successful completion Cartridge bearings (TBU) Development for Indian and US Railways
- Received product & Plant certification for M1003 & M934 from AAR by leading the cross-functional team
- Erection and commissioning of Phosphate coating plant and Semi-automatic TBU bearing assembly line
- Process RFQ, Erection, and commissioning of Grinding machines, honing machines, UT testing machines
- Process development of low-cost Fuel Injection Housing for 8-, 10- & 12-Cylinder diesel engine
- Renovation of running production plant in 100 days with process upgrade including flooring and roofing
- Process and knowledge transfer to supplier for 3 & 4-cylinder crankshaft by process outsourcing
- Localised Development of imported Tooling resulting in saving of USD 1 Million per year

REFERRED STANDARDS:

ISO 9001: 2015, ISO 14000, OHSAS 18001, TS 16949, M1003 AAR

EDUCATIONAL QUALIFICATION

Bachelor of Engineering – Production
Sardar Patel University

2008

Canadian equivalency, Bachelor's Degree (Four years)

Diploma in Tool and Die making
Indo German Tool Room

2005

Canadian equivalency, Secondary school Diploma (Two years)

RECOGNITIONS AND ACHIEVEMENTS

Best Engineering Team award winner in SKF for the year 2013
Best Engineering Team award winner in SKF for the year 2014

Licenses

EIT, Ontario – have cleared the Professional practice Exam
Credential ID – 100528112