Maniram Sadhasiva Mohan

US Address: 1819 Augusta Drive, Houston, Texas – 77057, USA
India Address: New#24/Old#32 7th Street, Kalluri Nagar, Peelamedu, Coimbatore - 641004
Phone#: (+91) 82204 36537, (+1) 9792047391, maniram19@gmail.com

---

Education:

Texas A&M University, College Station, Masters in Industrial Engineering – GPA: 3.6/4   Aug '09 - Dec '11
Anna University, India, Bachelor of Engineering in Production Engineering - CGPA: 3.5/4   Jun '03 - Jul '07

Professional Certifications:

- Six Sigma Black Belt.
- Certified Professional in MS Projects.

Experience:

Premium Oilfield Technologies, Houston, Texas   Jan '18 – Current
Supply Chain Manager

- Created various Business Activity Queries to recover essential data to monitor the performance at every warehouse
- Implemented KPI and objectives for multiple warehouses across US and Middle East and managed their Performance and inventory Analysis.
- Managing Global supply chain initiatives. On track for a record cost saving of $1 million in the year 2018.
- Implemented stocking strategies at various warehouses across the US.
- Wiring and Implementing ISO 9001:2015 and HSE procedures.
- Playing a major role in Initiation of India Operations in Pune, for Premium Oilfield.

Ampo Valves, Coimbatore, Tamil Nadu
Production Manager   Aug '17 – Dec '17

- Introduced KPI's and individual scorecards to monitor the performance of Planning and production activities
- Improved the planning process to better control the plan failures in JIT system
- Implemented Bar code inventory Management system in stores to improve the process and implemented QR code in assembly and test area to provide better traceability of product
- Initiated 5S activity and formed Task force team to implement 5S culture
- Initiated WPS review activity to better control the process parameters and Post Weld Heat Treatment process

ELGI Equipment, Coimbatore, Tamil Nadu
Consultant   Jun '17 – Aug '17

- Educated and guided a quality team on their first Six sigma project to reduce the variation in their equipment using Shanin DOE. Educated the safety team on behavioral based safety concepts and how to implement them in work environment.

National Oilwell Varco, Houston, Texas
Production Manager   Dec '13 – Jun '17

- Supervise the manufacturing of high pressure valves, chokes, and manifolds for both on and offshore oil and gas operations
- Effectively managed my team under profit center and cost center financial models using a data driven approach
- Improved the efficiency of weldshop from 20% to 80% by implementing control measures, hence eliminating backlog
- Initiated Preventive maintenance and Implemented a web based system to manage maintenance activities
- Implemented KPI scorecard for all the supervisors to measure, improve and control their respective departments
- Managed and led various Six Sigma, Kaizen and 5S projects through-out the shop
- Reduced Rejection rate and hence COQ by implementing Corrective actions and moving my team towards preventive actions
- Reduced Overtime by 30% while increasing the efficiency of assembly team to 95%, thereby improving utilization
- Improved the capacity of assembly to 28 valves a day with 33% lesser employees

Buyer Planner & Planning Manager   Aug '11 – Dec '13

- Responsible for planning and scheduling the entire manufacturing shop.
- Taken additional responsibility as Project Manager for all Drillship manifolds and Key clients.
- Awarded the best performer for the year 2013 for taking up multiple projects and completing them successfully.
- Achieved a cost saving of 45% with negotiation skills which includes sourcing the parts globally from France and India.

- Initiated contract based dealing with suppliers in order to have best pricing agreements on Valve body and stem machining, which led to 35% cost saving on body machining and 66% cost saving on stem machining.
- Developed a strong supplier base for machining services and created an excel based tool to track RFQ, delivery and Performance.

Global Supply Chain Systems Laboratory (Part Time), ETID, Texas A&M University   Sep '09 – Aug '11
Brenntag Latin America, Houston, Texas
Supply Chain Optimization Project
- Analyzed their current global logistics cost in line with the INCO agreement and proposed inventory consolidation.
- Created an Excel based tool that can find the optimum centralized hub for distribution.

Capital Area Food Bank, Austin, Texas
Business Analysis Project
- Examined the demand data across regions in Texas and calculated the ROI for each region factoring on inventory and logistics, which helped Capital Area Food Bank prepare the Request For Proposal (RFP) for bids originated by Texas Department of Agriculture, to feed School students.
- Proposed operation strategy for Capital Area Food Bank to optimize food availability at low cost, for all ages as per the dietary requirements. This also involved developing a broacher and an awareness document explaining the need for healthy food for all.

Womack Machine Supply Company, Dallas, Texas
Process Improvement Project
- Suggested the plan of implementing various call group strategies to reduce the variance in operations and cutting down overhead costs, but still maintaining the Customer Satisfaction Level.
- Designed call group formation strategies and developed "It-is and To-be" process maps using MS Visio and analyzed its efficiency through simulation models using ARENA.

Nissan - Ashok Leyland Technologies Limited, India   Sep '08 – Jul '09
New Product Development Engineer
- Conducted DFMEA for Cylinder head Cover and SFMEA for the above components and its peripherals.
- Utilized FMEA to find the root cause of Timing Belt failure in the engine and implemented suitable corrective action.
- Initiated and lead Value Engineering Activity in which each part of our engine was dismantled and displayed adjacent to our competitors' engine parts so that all the engineers were able to suggest ideas to reduce cost.
- Engineered Variable Valve Timing (VVT) mechanism for CNG version of Ashok Leyland 1.5 liter engine using a split cam mechanism to control the valve timing.
- Developed cylinder head gasket, ancillary gaskets, cooling system and its peripheral castings for Ashok Leyland 1.5 liter engine.
- Achieved effective cost savings through my negotiation skills and also developed a strong and quality supplier base.
- Localized and Developed Cylinder head cover, Intake and Exhaust manifold for 2.5 liter Nissan engine.
- Created RFQ's and RFI's, prepared inspection procedures and evaluated supplier quality (on-site).

Cognizant Technology Solutions Limited, India   Jun '07 – Sep '08
Programmer Analyst & Quality Team Lead
- Initiated Quality awareness in the team and managed quality activities in Six-sigma and 5S.
- Developed program for United Health Care Insurance (off-shore) using COBOL.

Massey Ferguson -Tractor and Farm Equipment Limited, India   Dec '06 – May '07
Internship – Process Improvement Team
- Analyzed and Improved the TAFE's vendor delivery performance to 100%, by implementing KANBAN and Two-Bin system using **6-Sigma approach**.

TI Diamond Chains India Limited, India   Nov '05 – Apr '06
Internship – Process Improvement Team
- Improved OEE to 84% on roller extrusion machine through TPM. Implemented three Kaizens on cold extrusion process which reduced the waste from 1% to 0.08% and improved productivity by 1.5 times with zero downtime and zero defects.

In-Plant Training:
- TI Diamond Chain India Limited, India   Nov '05 – Dec '05
  - Conceptualized a technique of finding the stress involved in the area of pin fixing and proposed to conduct a dynamic analysis for coming up with efficient design.
- Rane-TRW Power Steering Limited, India   Dec '04

- Suggested to install a "pick to light" system which would acts a control mechanism to reduce the frequency of errors that were reported from their "Poke-Yoke" implemented workstations.
- Britannia Industries Limited, India   Nov '04
  - Found an error in packing station for product "Marie Gold Biscuits" where scraps were more due to in-appropriate placement of packing material by implementing a set-up sheet and check sheet at the start of every shift to measure the packing material feed.
- HM-Mitsubishi Chennai car plant Limited, India   May '04 – Jun '04
  - Studied the Mitsubishi Lancer car assembly environment from Knock-Down Level of 3 and 4 to the entire vehicle build.

Projects:
- A new central warehouse design for a Big Box retailer to handle store and e-commerce demands, Texas A & M University (2010).
- Markov Chain analysis of two machine two buffer system, Texas A & M University (2010).
- Smart Portal for Inventory Control and Execution (SPICE), Texas A & M University (2009).
- Automated vision system for four wheelers, Anna University (2005). (Best Design Project Award)
- Automation of production line splitting, Anna University (2005).

Software Skills:
General Tools: MS Office, MS Projects, MS Visio, Palaside Decision Tools, R, ARENA, SAP, ERP, PLM.
Optimization Tools: Xpress-MP, Excel Solver, CPLEX
Design Tools: Pro-E Wildfire -2 and 3, Solid works, Catia, ANSYS, KBSI Systems Engineering tools
Programming Languages: Visual Basic, COBOL, SQL, Adobe Dreamweaver, C, C++, HTML

Professional Affiliations:
- Student Member, American Society for Quality (ASQ).

Publications:
- D.Premnath, S.Maniram, "Conversion of a diesel engine to CNG engine with VVT mechanism", IIT Journal (2009).
- S.Maniram, N.Malini, "Creating an optimal supplier base during new product development using Six-sigma principles". (2013)