**Operations Incharge – Body Shop**

Strong analytical, engineering and project management background with 13+ years of experience in automobile industry for systems design, implementation, monitoring and excellence

**ACADEMICS**

**2011 - 2013 Executive MBA, Batch of 2013. CGPA Score – 3.06**

**SP Jain Institute of Management Research, Mumbai.**

**Specialization Electives – International Finance, Managing New Business**

Key Project: Implemented machinery spares ordering based on SAP PM Module - EOQ model as a plant wide initiative. Inventory reduction INR 4.3 Crore through implementation of project.

**2003 – 2007 Bachelor in Electrical Engineering. Percentage – 76%**

**Faculty of Engineering & Technology, Jadavpur University, Kolkata**

Key Project: Preparation of a Low cost Swiping Machine (along with swiping card). This project was in the local daily newspaper publications.

May 2003 CISCE Board – ISC(Class 12th): 90.5%

**May 2001 CISCE Board – ICSE(Class 10th): 86%**

**WORK EXPERIENCE**

**Working at Magna Automotive India Pvt. Ltd. – Sanand**

**Nov 2013 – Till Date; Operations Head – Weld Shop**

**Responsibilities**

* Head of Weld Shop Operations
* Responsible for managing the P&L of Operations
* Managing Weld Shop Production team with total strength of 200+ employees.
* Incharge for 100% Automated Plant of 85 Spot and Mig Welding Robots; Special Purpose Multi Axes Machining Centres
* Daily monitoring of production v/s customer demand for daily customer releases
* Responsible for plant Inventory turns ratio and on time delivery as per Customer agreement
* Responsible for Zero Quality Rejection & On time Delivery of BIW Assemblies for Ford Aspire, Ford Figo and Ford Ka+ Europe export variant
* Driving Cost Imp Projects for an annual savings of 1.9, 1.7, 2.09, 1.1 Crores for FY 2016-19
* Planning & Selection for Europe Program Investment(Budget 15 Cr), Technical comparison & design review for Weld Fixtures
* MAFACT Operating Systems Champion for the Plant to implement Lean Manufacturing, Six Sigma, Value Stream Mapping and TPM concepts. SANAND Plant rated as best improved Division in MAFACT Score for 2016-17.
* Responsible for Parameter setting and change management in parameter for Robot, PLC
* Inventory control of direct material, MRO and Trolleys, MRP system implementation, Improve Cash flow and ITR
* TPM champion to lead implementation of AM, PM , QM and Focused Improvement Pillars
* Drive 5S , Standardized work and Quality Culture on shop floor

**Major achievements at Cosma:**

* Handling Capital budget spending for the Plant construction, Building and Plant Machinery of INR 120 Crore by leading all installation and commissioning activities
* Improved the OEE from 58% to 86% in last 15 months through TPM implementation
* Reduced the Operational Expenses by 40% within last 2 years
* Improved the Labour Efficiency from 62 % to 76% in last 6 months.
* Machine availability improved from 87% to 97% in last 6 Months
* Handling of Continuous improvement projects of Lean, Six Sigma and VSM for last 4 years
* Handled the on time launch of the Cosma, Sanand Facility and Supported TT, PP and MP1 Builds at Ford with the required Dimensional Accuracy for the Assemblies.
* Project Manager for Supplier timeline of Press Installation ISGEC, Yamunanagar for the Tier II suppliers & subsequent commissioning at Sanand: M/s Reliable and M/s VRM
* Government Liaison activities with Local Government Bodies like GIDC, GPCB, UGVCL for Building Instruction, Permits and Consent of Operations
* Support the Line Integrators for Preparing Weld assembly cells as per Cosma Standards &Perform buy-off of Lines with performance at Gross JPH Capacity
* Finalizing the Design Base Requirements for planning of Facility Utilities(MEP Items)
* Finalizing the specifications & capacity of Compressor, DG Set, HT & LT Panel Breaker size, Transformer capacity, HVAC system, Sewage treatment plant, Chiller system
* Ensure de-unionized plant through effective communication and wage negotiation. Proactively team members committed for KPI based increments and training

**July 2007 – Nov 2013: Manager – Press Shop Maintenance, Tata Motors – Nano**

**Responsibilities**

* Installation of Mechanical Press Line – Komatsu Make(2000 Ton Lead Press, 4x1000 Ton – Following Press)
* Shift Incharge for Maintenance Team
* Implementation of Time Based Maintenance check sheets – JH & PM for all press shop equipments and Condition Based Monitoring check sheets for 2000T Mechanical Press
* Preparation of the Capex& Revenue Budget for the Press Maintenance Department for FY 2010-11 & FY 2011-12, to monitor budget consumption with monthly tracking
* Reducing the Variable Conversion Cost by initiatives like localization of machine spare suppliers, monitoring the usage of general consumables and conducting VCC workshops
* Authorized Trainer for ISO/TS 16949, EMS ISO 14001, OHSAS 18001. Have trained 220 team members. Documentation of: PFD, Control Plan, PFMEA, AIA, HIRA etc.
* Implement Back up Strategy for all PLC programs and Servo Drive parameters for all equipments and make necessary program changes for process improvements
* Die Trials and Press Parameter settings for Die Try out
* Training team on Basic & Advance Electrical, Electronics, PLC& behavioral aspects
* Leading TPM implementation in Press Shop : JH, PM, QM, KK, SHE Pillar
* Shop Co-ordinator of Safety,5S, Kaizen & SDT initiatives
* SAP PM life cycle implementation. Order completion and tracking on major metrics.

**Major achievement at Tata Motors:**

* **Selected through Fast Track Selection Scheme for the Talent pool consecutively for 3 years**
* Selected for the Company Talent Pool and awarded a higher study program of Post Graduate Executive MBA at S. P. Jain Institute of Management & Research, Mumbai
* Consistent rated as High Performer for the plant for all 6 years
* Safe and Timely shifting of equipment’s worth INR 200 Cr from Singur to Sanand
* Saving 34 Lakhs(FY 2010-11), 80 Lakhs(FY 2011-12), 117 Lakhs(FY 2012-13) in three consecutive years through alternate source development and indigenization of spares.
* Achieved the Uptime of 98% for the FY2012-13 through relentless root cause and problem solving process. Using PDCA and 7 QC Tools.
* A record saving of 73 MWHr with Encon Projects related to energy saving through engineering changes. Implement ISO 50001 process for energy management
* SAP MM project - Implemented machinery spares ordering based on EOQ model as a plant wide initiative. Savings realized 2.6 Crores through implementation of project. Spares Parts Management model in SAP(ERP) for 6 departments of the plant.
* Speaker for Mega Factory Episode telecasted by National Geography Channel
* Received the Certificate of Appreciation for Best Kaizen Event and Focussed improvement

**TECHNICAL SKILLS**

* Software: GX Developer, MT Developer, GP PRO, MS Office, MS Windows, SAP – PM,MM,ESM Modules; KukaSimPro, Kuka Work Visual
* PLC & Automation: Mitsubishi Q02, Q02H, Q06H, Q12H, Q173, Allen Bradley RS Logix, Control Logix, Control Net, Device Net, Guard Logix, Siemens S7 – 300, Proface HMI, Ethernet, CC Link, Melsecnet, Profibus, Siemens 280D
* Equipment: Mechanical Press, Hydraulic Press, Cross- Bar Transfer Mechanism, Spot Welding Robots, Mig-Welding Robots, Material Handling Robots, Projection Welding Machines, Conveyor Systems, EOT Cranes, Tool Room Machines, Forklifts, SPM’s
* Manufacturing: Sheet Metal Processing, Blanking, MigWelding, Spot Welding, Stud Welding, Rivetting, Projection Welding; MAFACT
* Methods: TPM, Lean Manufacturing, TS 16949, ISO 14001, OHSAS 18000, ISO 50001, ISO 45001, MAFACT
* DMAIC Approach – Six Sigma Black Belt

**TRAINING & CERTIFICATIONS**

* General
  + TQM(Deming) & QC Tools – July ’07
  + Value Stream Mapping – Oct ’07, Aug ’16, Oct ’16
  + Toyota Production System – Nov ’07
  + Development Centre(Personnel Assessment) – Oct ’08
  + Gemba Kaizen – Nov ’09
  + Total Productive Maintenance(TPM) – Oct ’10, Aug’16
  + Train the Trainer for IMS - ISO/TS 16949: 2009, EMS ISO 14001: 2004, – Nov ’10
  + Incident Investigation Workshop on DUPONT Safety – July ’13
  + MAFACT – Jan ’18
  + Six Sigma – Black Belt Training – May ‘17
  + LEAP – Leadership Accelerated Program – Jan – Nov ‘19
* Technical
  + Basic Introduction to Mitsubishi PLC – Dec ’07
  + Basic training on Pneumatics and Electro Pneumatics – Jan ’08
  + Advance training on Mitsubishi PLC; CC Link &Melsecnet – Sep ’09
  + Basic Training on Mitsubishi Motion Controller Q173CPUN – Apr ’10
  + Factory Automation Advance training Allen Bradley – Mar ’13
  + Spot Welding Technology(Roman Transformers) – May ’14
* SAP
  + Knowledge of SAP ESM
  + Implementation of SAP PM Module for Press Shop Manufacturing Unit
  + Hands On Experience on SAP MM Module
  + Hands on Experience on SAP PP Module