



# MAHENDRA NANDANWAR

PLANT OPERATION, QA, QMS, NBD, NPD, LEAN SIX SIGMA GREEN BELT, PROJECT MANAGEMENT

## PROFILE

Result oriented 20+ Years of rich experience in the automotive/ Electrical/ Consumer industries worked with Major OEMs and Tier1- GM, Suzuki Motors, Ford Motors, TATA Motors, Atul Auto, Voltas Beko, L&T Electricals, Magna Automotive India Pvt Ltd.

Lean Operation Management-From IIM | Operation Excellence | Quality Assurance | Lean Six Sigma | Quality Management Systems | New Product Development | Project Management | New Business Development | Supply Chain Management | Supplier Quality | Team Management | Tooling.

## COMMUNICATION-GET IN TOUCH

✓  **Mobile: 9824552287**

✓  **Email: [mbn261280@gmail.com](mailto:mbn261280@gmail.com)**

## PERSONNEL DETAILS

- ✓ Current Location : Narol, Ahmedabad
- ✓ Date of Birth : 26th December-1980
- ✓ Gender : Male
- ✓ Linguistic Abilities :English, Hindi, Gujarati,Marathi
- ✓ Marital status : Married
- ✓ Nationality : Indian

## PRODUCT PORTFOLIO

- Automotive Pressed sheet metal component,
- Automotive/ Non-Automotive Bearings
- Automotive Plastic Injection Molded Parts and subassemblies and Rubber Hoses
- Automotive Fabricated Pipe Air and Fuel Line for Automotive,
- Sun visors, Door Trims, PVC Headliners, Canopy, Non-Woven Bags
- Thermo-Compression process for PPGF Sheets and Non-Woven Fabric,
- Automotive Brake Tubes, Vacuum Pipes, Fuel Line,
- Painting technology for Automotive Plastic
- Interior and exterior Plastic Parts and Powder coating for Metal Parts.

## PROCESS KNOWLEDGE

- Conventional Machining Process
- Injection Molding, Blow Molding
- Stamping and Press Working

## PROFESSIONAL EXPERIENCE

**MAY'2022 - PRESENT, NOV'2012 - DEC-2017**



**SR. MANAGER PLANT HEAD/ QUALITY/ QMS/ NPD/ MFG**  
**MAYUR INDUSTRIES PVT LTD,**  
**SANAND, AHMEDABAD**

- **MAYUR INDUSTRIES PVT LTD** is a Manufacturing of car Interior soft & Hard Trim parts like Head liner, Door Trim, Sun visor, Non-Woven Bags and Injection Molding plastic parts and subassemblies etc. And running with systematic QMS (IATF 16949:2016) practices certified by BSI.
- **OEM Customer:** TATA Motors, General Motors, Ford Motors, Atul Auto Ltd, Voltas Beko, L&T Electricals
- **Tier-1 Customers:** TATA Autocomp Systems Pvt Ltd, Magna Automotive India Pvt Ltd (Ford as Tier-2), Tata Toyo, Tata Ficosa, Spack Auto, Idex India.

**FEB'2019 - MAY'2022**



**MANAGER - NEW PRODUCT DEVELOPMENT (R&D)**  
**TEXSPIN BEARINGS LTD, RANPUR**

- **TEXSPIN BEARINGS LTD** is the First Indian Bearing Manufacturing Company and Global supply partner of Bearings and Components to Cycle, Two Wheelers, Three Wheelers, CV, PV and Tractors segments
- **OEM CUSTOMERS:** TML, Hero, Maruti Suzuki, Escort, Ashok Layland ,ITL, Volvo Eicher, Daimler, Hyndai, Bosch , Eaton, Tafe, SML, Isuzu

**DEC'2017 - FEB'2019**



**DYP MANAGER -QUALITY**  
**KRISHNA MARUTI LTD**  
**BECHRAJI, AHMEDABAD, INDIA**

- **KRISHNA MARUTI LTD** is Manufactures vehicle interior system (Injection Molding), Vision system, fuel system, Seating Systems, Chassis systems and etc. These competencies are supported by 30 state-of-the-art manufacturing facilities spread across northern and western regions of India.

**SEPT'2009 - NOV'2012**



**MANAGER QUALITY**  
**IMPERIAL AUTO INDUSTRIES PVT LTD**  
**SANAND, AHMEDABAD, INDIA 382170**

- **IMPERIAL AUTO INDUSTRIES LTD** is ISO/TS 16949-2009 certified automotive parts manufacturing unit of Radiator & Heater Hoses, Fuel & Vacuum Hoses, Silicon Hoses, Co-Extruded Hoses, Branch Hoses, Fuel Injection Hoses, Hydraulic Tubes, High Pressure Hydraulic Hoses, Power Steering Hoses, Teflon Hoses, Brake Hoses, Nylon Tubes, and Brake Tubes.

- Ultrasonic Welding, High Frequency Welding for plastic and PVC
- Laser / Projection/ Stud welding for Metals
- Laser Marking
- Grinding and Honing for finishing process
- Thermo Compression
- Powder coating for Metal Parts.
- Painting technology for Automotive Plastic parts

### ***SKILL & CORE COMPETANCY***

- OEE
- Project Management
- Operation management
- 7waste Reduction, 5M Management
- Production plan and execution
- Capacity Mapping
- Supplier development
- Forward Planning and Backward Planning
- Quality Management System (ISO 9001:2015, TS16949:2009, IATF 16949:2016).
- Quality Core Tools (APQP, PFMEA, MSA, SPC, PPAP)
- Improvement technique (5S, Kaizen, Six Sigma)
- Problem Solving technique (7 QC Tools, G8D, Why Why analysis, CAPA)
- Document Management (Quality Manual, Procedure, SOP, WI... etc.)
- **Customer Specific Systems**
  - ✓ QSB Systems for General Motors
  - ✓ System Audit, Process Audit, PPVT, Special Audits for Suzuki Motors Gujarat (SMG)
  - ✓ MSA, SRM for TML
- International Material Data System (IMDS)
- Handling of Major OEM like, GM, TATA, SMG, Magna Automotive, Atul Auto Ltd,
- Hands on Experience of Shop Floor Management and 5M management. Knowledge of Geometrical Dimensioning & Tolerance(GD&T)
- Supplier Quality Assurance/Supplier Development/Supplier Audit/ Rating.

### ***PROJECT***

- 10 Blanking/Punching tools Manufactured with reverse engineering, Generating Product drg for General Motors within time frame. All Tools are found OK with First Time Right.
- GEMBA KAIZEN Project for "5S" Implementation and layout standardize at Imperial Auto Industries Ltd.

- Major customers are world's leading all (OEM Customer) Car manufacturer e.g. , FIAT Power-train, John Deer, General Motors, Piaggio, Triumph Motorcycles, JCB, Terex, AMW, Ashok Leyland, Bajaj Auto, FIAT, General Motors, Hero Honda, Hyundai,

**SEPT'02 - SEPT'2009**



**ASST MANGER PPC AND TOOL MNGMT**

**HARSHA ENGINEERS LTD**

**CHANGODAR, AHMEDABAD, INDIA**

- **HARSHA ENGINEERS LTD** is a precision bearing cage manufacturer (Sheet metal parts and Machined Components), certified with ISO/TS 16949:2002 & ISO 14001:2004 by BVQI certification body. Running with SAP R/3 system & Bliss Global system for systematic QMS practices.
- Major customers are world's leading bearing manufacturer e.g. SKF, Timken Global, FAG, Koyo, Suzhou NSK, RBC, NRB, NBC, ABC, TATA Group etc. Mahindra & Mahindra, Maruti Suzuki, Nissan, Piaggio, Sara Mazda, TATA Motors, Toyota, Kirloskar, Cummins, TVS, Bosch, Caterpillar, Suzuki Power train,

### ***CURRENT CONTRIBUTION***

- Installation and setup of Plastic Injection Molding Shop, Press Shop, Assemblies, Final Assembly Line, and Dispatch Process with QMS Establishment.
- Responsible for Plant Profit - Loss.
- 5M Management.
- Interact with Customer/Supplier for their day to Day Requirements.
- Meet delivery schedules for components agreed to customer.
- Meet Quality standards agreed with customer.
- Facilitate planning, development, execution of Injection Molding.
- Capacity planning for Injection Molding (layout, machines and manpower).
- Estimation, Costing, Contracting for new product.
- Planning) Recruits train, develop delegate manpower of the department.
- Plan material requirements for monthly production activity.
- Promote small improvement activity and Kaizen in the shop.
- Maintain and develop existing and new customers through appropriate proposition and methods to optimize quality of service, business growth and customer satisfaction
- Ensure compliance of health, Safety rules and regulations and utilization of PPE by staff and workers on shop floor to avoid accidents.
- Maintain awareness and knowledge of relevant developments and provide suitable interpretation to Top Management and staff.
- To ensure New Product Development is completed in time

## **SIX SIGMA Project for**

- Supplier DMR reduction and supplier PPM reduction.
- Cage Height variation
- Internal Failure cost reduction

## **OTHER ACHIEVMENT**

- **OTD**-Premium Freight made Zero from 24 Lacs per annum with systematic PPC & Tool Management.
- **QMS**-Implemented & certified QMS (ISO/TS 16949:2009) as MR.
- Successfully implementation of QSB system (GM-Specific) at Mayur Industries Pvt Ltd.
- **Quality**-Zero customer complaint up to consecutive 30 months & nominated Supplier Quality Excellence Award for 2016 Year.
- 78% Score in VSA – SMG in KML

## **TRAININGS**

- QSB training at GENERAL MOTORS INDIA LTD.
- All Core Tool (Like PPAP, MSA, SPC, APQP, FMEA) Training by IAIL
- Manufacturing Site Assessment (MSA) by TML
- Lead Auditor for QMS ISO 9001:2015 by BS
- Lead Auditor for EMS ISO 14001:2015 by BSI
- Lead Auditor for OHSAS ISO 45001 by BSI
- Internal Auditor for IATF 16949:2016 by MEC
- TPM Training at TATA MOTORS LTD.
- Yellow Belt Six Sigma from Sparen & Gewinn Consulting.
- Green Belt Lean Six Sigma from Value Enablers Academy

## **ACADEMIA**

- **Executive certification in Lean Operation Management and Six Sigma Black Belt form IIM Rohtak. -Pursue**
- MBA in Operation Management from IME in 2020
- B. Tech in Mechanical Engineering from KSOU in 2016.
- Advanced Diploma in Computer Integrated Manufacturing from IGNOU in 2009
- Advanced Diploma in Tool & Die Making from IGTR Ahmedabad in 2002.

## **IT SKILLS**

- SAP-MM,PP, QM
- MS Office, Email, Visio, ERP, ODOO, Minitab
- Auto CAD

- New Business Development activities from Customer inquiry to SOP
- Responsible for Overall Production/Quality starting from Incoming Material Quality, In-process Quality Assurance, Final Quality Assurance, Customer Feedback and Corrective Actions.
- Leading entire plant for day to day activities, Production, quality, Store, Purchase, HR.

## **PREVIOUS ROLES & CONTRIBUTION**

- Responsible for Overall Production/Quality starting from Incoming Material Quality, In-process Quality Assurance, Final Quality Assurance, Customer Feedback and Corrective Actions.
- Representing as an auditee during surveillance audits, re-certification audits by external certification body.
- Conducting Internal Audit, Process Audits, Product Audits, Layered Process Audit, System Audit & Supplier Audit, Dock Audit as per Plan.
- Compile Internal System audit & External audit report and give feedback to Top Management.
- Control & monitoring of in process inspection, receipt inspection, final inspection & pre dispatch inspection as per Quality Inspection Plan.
- Lead and co-ordinate 8 – Discipline analysis, PPSR and other Quality tools why-why Analysis in case of Customer Complaint/Supplier rejection/ internal rejection and ensure implementation of corrective and preventive actions verifying effectiveness of action.
- Monitoring & Documentation for PPAP submission as per defined level by customer within time limit.
- Follow up the NC close and action taken against internal system audit, external audit, customer audit as per requirements of IATF 16949:2016 with support of other departments.
- Prepare Business Plan and monitoring performance of each department against defined plant objective.
- Analyze Internal and External Failure – Ensure and Verify Time bound corrective / Preventive actions. COQ and COPQ calculation.
- Conducting daily scrap analysis (Internal PPM) with Mfg. Team, planning / Implementation of C.A.P.A. as a CIP. Daily Disposal of Non Conformities parts within time limit.
- New Supplier Development and Planning for Supplier Performance improvement.
- Involvement of new product development project with APQP as a CFT Leader.

## **DECLARATION**

All the particulars made in application are true to the best of my knowledge and belief.

**Mahendra Nandanwar**