

# Pawan Mehar

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## MANAGEMENT QUALITY HEAD / TEAM LEADER IN GREENFIELD PROJECT DIPLOMA (MECHANICAL) & B.E. (MECHANICAL) 15year EXPERIENCE

Achievement-driven Professional with outstanding qualifications in all phases of Quality Operations. At ease with budget limitations, deadlines, and high-pressure situations. Strengths in planning, executing & spearheading Plant Set-up Projects involving development, contract administration, resource management with a flair for adopting modern Methodologies in compliance to quality standards.

A highly passionate and result-oriented energetic leader with great respect for people, process and innovation, have led by example; known for clear thinking, flawless execution and unyielding integrity

### AREAS of EXPERTISE

**Quality Dept. Operations**

**New Plant**

**Commissioning Large**

**Team Management**

**Continuous Improvements**

**VAVE Initiatives**

**Assembly Operations**

**Green & Brownfield Projects**

**Customer Centric**

**Resource Planning**

**Quality Planning & Control**

**Budgeting & Costing**

**Vendor Development**

### PROFILE SUMMARY

- A keen analyst with **over 15 years of experience in Quality Management**, Testing & Inspection, Supplier Technical Assurance as well as Compliance in the Automobile Bevel Gear, Transmission Shop & Assembly and Steering Gear Mechanism.
- Expertise in Quality System to **designing and implementing** manual, procedures, work instruction AND form for ensuring adherence to the quality standards.
- Possess a clear understanding of the industry, technology trends and quality control technique.
- Well acquainted with monitoring adherence to **IATF 16949** Automobile quality systems standard for assembly & Trans. machine shop.
- Leveraged entrepreneurial aptitude and skills in **translating corporate vision**, to overcome complex business challenges and delivering on high-impact decisions
- Expertise in developing & streamlining systems to enhance Quality effectiveness and meet operational goals within the cost, time, safety & quality parameters.
- Experienced in implementing quality systems / procedures like **SQC techniques** Kaizen & Poka Yoke in the organization to reduce rejections and ensure zero defect products and established company's name as a reliable for all the customers
- Known for directing, leading and motivating workforce; imparting continuous on job training for accomplishing greater operational effectiveness/ efficiency

### Professional Career Growth path

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|--|----------------------------|--|
| • JAN 2004 – JUNE 2006 (2 Yr. 6 Month)   | Trainee + Supervisor Q.C – | <b>Bevel Gear</b> – Pre HT & After HT Machine Shop                           |
| • JULY 2006 – NOV 2007 (1 Yr. 5 Month)   | Engineer Q.A –             | <b>TATA Precision (I) Ltd.</b> – Machine Shop & CMM                          |
| • DEC 2007 – MARCH 2019 (11 Yr. 4 Month) | Asst. Manager Q.A –        | <b>AVTEC Ltd.</b> - Transmission , Assembly Shop, Metrology Lab & NPD        |
| • MARCH 2019 – TILL DATE                 | Quality Dept. Head –       | <b>ZF steering Gear (I) Ltd.</b> – Green Field Project in steering mechanism |

## WORKEXPERIENCE

### March'19 – till date: ZF Steering Gear (I) Ltd., Pithampur MP as Quality Head (Manager)

#### Key Result Areas

- ✓ Driving Quality Dept. with timely delivery of defect free all types of Steering Gear Mechanism with optimum utilization of resources while ensuring continuous improvements.
- ✓ Planning and effectuating predictive & preventive maintenance schedules for various Inspection machines and equipment to Increase machine uptime & equipment reliability; proactively identifying areas of obstruction / breakdowns and taking steps to rectify the equipment through application of troubleshooting tools
- ✓ Spearheading projects for the set-up standards while ensuring strategic utilization & deployment of available resources to achieve organizational objectives
- ✓ Maintaining a strong communication chain between different divisions in order to receive inquiries about status of materials, requisition, dispatch and delivery status
- ✓ Directing material/spare parts planning related activities encompassing identification of vendors, indenting, keeping inventory of spare parts, requirement specification and offer evaluation
- ✓ Supervising activities right from the conceptualization stage to the execution, involving process, detailed engineering, inventory management and project management of various projects in site and production plants
- ✓ Conceptualizing and implementing strict measures in Quality procedures and equipment center lines to optimize resource/capacity utilization in Quality operations
- ✓ Analyzing various Quality processes / applications and recommending process modifications and equipment calibrations for bringing down WIP, reducing waste and downtime
- ✓ Ascertaining areas of improvement and recommending process modifications and equipment calibrations to enhance operational and quality efficiencies of the systems

#### Significant Accomplishments

- ✓ Recorded zero unsolved customer / supplier related complaints defects.
- ✓ Recorded 100% schedule adherence for all customers through effective monitoring
- ✓ Recorded customer PPM <50
- ✓ Recorded Timely implementing Customer specific requirement in business
- ✓ Reduced budgeted manpower overhead cost up to 20Lacs
- ✓ Recognized for increasing Quality dept. capability through effective Internal and External Training
- ✓ Recognized for implementing metrology Zeiss inspection facility Setup : Accura 8 CMM, Surfcom Nex 031, Roundcom, O-Inspect VMM
- ✓ Initiated successful implementation best VDA19 and ISO 16232 Millipore inspection Lab setup in optimum price.

### Dec'07 — March'19: AVTEC Ltd, Pithampur MP as Quality Asst. Manager

#### Key Result Areas

- ✓ AVTEC Ltd is the largest independent manufacturer of engines and transmissions (Power trains), supplying critical auto components to reputed global OEMs including GM, Ford, Mahindra & Mahindra, Tata, Eaton, Daimler, JLR and Hindustan Motors.
- ✓ It's certified of TS 16949: 2002, ISO 14001: 2004, and ISO 9001:2000, Total Productive Maintenance (Power Unit Plant)

#### Quality Management System

- ✓ Heading the quality implementation as per Kaizen, SPC, POKA-YOKE and other latest Tools
- ✓ Monitoring adherence to quality standards of ISO 9001:2000, QS 9000 & TS 16949 and maintaining the relevant documents for machine shop.
- ✓ Reviewing analytical documents, PFMEA & control plan & summary reports.
- ✓ Work with NABL Metrology Lab- Gauge Calibration, procurement, precision inspection.

#### Materials Inspection - Incoming and In-House

- ✓ Maintaining quality standards for incoming materials, ensuring stringent adherence to quality standards, norms & practices, identifying gaps & taking corrective action
- ✓ Conversant with quality management techniques such as FMEA, PPAP, SPC, APQP.

#### Process Quality & Technical Assurance

- Knowledge of gear inspection Method and Gear Manufacturing process.
- Giving the setup approvals of new products and layout inspection in running Components.
- Doing In process inspection during production.
- Capable for doing Final Inspection at Pre Delivery Inspection.
- Doing Process audit as per scheduling on daily basis.
- Product audit according to process and process documents like as control plan, Operation standard.
- Doing WHY-WHY Analysis & Root Cause Analysis through PPSR/8D for Power Train assembly Defects.
- Standardization of process control Documents as per product specification.
- Analysis of in process rejection, PDI rejection & customer return by using problem solving technique (7QC Tools) and Corrective/preventive action (CAPA).
- Attend the customer complain meeting and alert display according Complain.
- Knowledge of all Gear measurement instruments like as :

- Co-ordinate Measuring M/C - Trimos, Microhite, Matris (LK), Mitutoyo, Zeiss, Cantracer, Profile Projector, and FFT Analyzer (Sound Tester) M/C.
- Gear Accuracy Checking M/C – Gear Tech WENZEL
- Conducting Dock Audit in Finish Good area.
- Preparation of PPAP, PFMEA, Control Plan doc. During new product development.

#### Customer Representative Management

- ✓ Responsible for registering Customer complaints, making the Corrective action, analyzing the complaints, and resolution within 48 hours.
- ✓ Tracking customer complaints and keeping customer line returns below the assigned PPM.
- ✓ Reducing customer complaints by using SQC techniques like Pareto Analysis and implementing POKA-YOKE for customer complaints & in-house rejections.

#### Audits

- ✓ Undertaking Audits in Transmission machine shop as well as carrying out process audit in Trans. assembly & take corrective actions for vendor & Machine Shop defect.
- ✓ Handling final product audit of all machine shop components and in-process audit in machine shop.

#### **Major Accomplishments;**

- ✓ Functioning as a **facilitator for Q.C circles** activities in Trans shop and won the trophy.
- ✓ Developed 45 *critical components of EATON US projects for Roadranger & Fuller.*
- ✓ Lead Quality Activity in New Development of GMA (General Motor Autowaz) RASIA Project.
- ✓ Was a **founder member for introduction & implementation of SPC activities in shop floor.**
- ✓ Instrumental in *achieving Trans. Assembly and Machine Shop rejection levels from 1200 PPM to 100 PPM and 9000 to 5000.*
- ✓ oversee implementation of **Poka-yoke for customer complaints** for;
  - *Preventing Key way Offset problem of Export Round Gear.*
  - *Preventing Groove Shifted Problem of Export Shaft.*
- ✓ **Designed PDI** to prevent customer complaints.
- ✓ QM Pillar Member in TPM implementation.
- ✓ Lead 3 machines In JH Pillar for Clearing All Step of JH.

#### **POTENCY:-**

- ✓ Leader Ship quality & team management skill.
- ✓ Work can independently as well as in team.
- ✓ Sincerity with hard work.
- ✓ Fully dedicated to work.
- ✓ Adaptability to new technology and Quick learner.
- ✓ Self-Motivator and Self-Learner.
- ✓ Excellent coordinating capability

## PROFESSIONAL-TRAININGS

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- ✓ Statistical Process Control.
- ✓ 7 Q.C.Tools
- ✓ 5-S
- ✓ PFMEA
- ✓ PPAP & APQP
- ✓ MSA
- ✓ uncertainty

## EDUCATION

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- ✓ B.E. in Mechanical Engineering from IME Institute AICTE Mumbai
- ✓ Diploma in Mechanical Engineering from RGPV Board of Technical Education- Bhopal MP
- ✓ Diploma in Computer Application
- ✓ Familiar with Minitab & Hands on AutoCAD

## PERSONAL-DETAILS

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**Date of Birth: 14th July'1984; Languages Known: English, Hindi,**

## PROFESSIONAL-DETAILS

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**Current CTC 10.80 Lacs & Notice period 3 Month - Negotiable**