

# TM MUTHU KRISHNAN

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## OBJECTIVE

In Pursuit of challenging and enriching assignments in quality engineering with an organization of high repute, where I can contribute to its growth and also enhance my knowledge through continuous learning from experience.

## PROFILE SUMMARY

- 4 years of experience in automotive industry with required knowledge in core tools
- Experienced in Supplier Quality assurance, In-process Quality, Calibration, Standards room, NPD
- Proficiency with GD&T
- Proficiency in Q-Das (MSA & SPC), Gagetrak, Contracer, CMM, Roundness tester, Surfcoder, Oracle
- Familiar in use of MS Office
- Mechanical maintenance experience with 1 year in power plant at Desalination area

## CORE COMPETENCIES

### supplier Quality

- Good relationship with supplier and supplier complaint handling.
- Continual focus on supplier process quality to make supplier achieve target
- Facing internal process audit for new product and regular production process.
- Verification of ISIR and revalidation report for supplier parts.
- Inspection report preparation for new products.
- Analysis of customer return parts.
- Regular visit to supplier end for PPM controlling actions feasibility.
- Monitoring customer complaint action plan to avoid recurrence of defect.
- Providing regular awareness on quality alert for team members to avoid the repeatability and major issues suspect by customer.

### In – process Quality

- Maintaining & supporting for IATF 16949:2016 documents.
- Patrol inspection to be carried out for Hyundai, TATA, Renault Nissan, Volvo, Honda & Toyota part models.
- Knowledge in Handling of various metrology measuring instruments.
- Highly knowledge in Handling cleanliness analysis equipment
- Conduct measurement variation through MSA study for New development products, SPC study for machine capability
- High knowledge in usage of 7 QC tools, 8D and TQM concepts.
- Implementing Fool Proof (Poke-Yoke) System to prevent the repeatability of same customer complaint.
- Monitoring process variation through SPC studies and support for improving capability

### Calibration

- Maintaining calibration schedule for Variable and Attribute Gauges
- Gauges internally calibrated as per the obtained measurement standard through required instruments.
- Internal Servicing of instruments like plunger dial, micrometer, height gauges, etc.
- Updation of measurement results for New and used gauges on system software.
- Co-ordinating with external agencies for calibration & services.
- Preparing work instruction for new variant gauges and instruments.
- Conduct MSA study for Gauges and instruments as per plan

### Mechanical Maintenance

- Regular TPM activity
- Servicing HP pumps, bearing replacement, membrane replacement

### Strategic Planning

- Planning, Organizing and controlling all requisite activities to perform such as Daily rejection monitoring, monthly supplier meeting, third part testing of products
- Suggesting ideas for continual improvement.

## WORK EXPERIENCE

1. **Mahle Engine Components India Pvt Ltd**- Design & Manufacturing of Engine Components, Chennai as **Junior Engineer– Quality Assurance** [06.06.2018 till date]
2. **Ashok Leyland vehicles Ltd** –Leading Manufacturers of commercial vehicles and trucks as **Quality Inspector trainee - Quality Assurance** [06.11.2017 to 25.05.2018 (0.6 months)]
3. **NTPL Thermal power plant** – 2 x 500MW power generation, Tuticorin as **Mechanical technician - Maintenance** [11.07.2016 to 30.09.2017 (1.2 years)]

### Key Result Areas:

- Reduced internal rejections by continual improvement with tools like Poke – yoke and Kaizens.
- Preparation of Setup approval report, Work Instruction & Inspection standards for inline process
- Monitoring customer complaint and in – house action plan effectiveness to avoid re-occurrence of defect
- Conducting product audit and process audit as per time plan

### Additional Skill:

- Familiar with MS office
- Knowledge in using ORACLE
- Experienced in Q-DAS (MSA & SPC)
- Experienced in Gagetrak 6.8
- Experienced in AutoCAD & CATIA

## ACADEMIC DETAILS

Course	University/ Board	Institute	Year of passing	% , CGPA
<b>B.E</b> Mechanical Engineering	Anna University	GKM College of Engineering and Technology, Chennai.	<b>2016</b>	<b>6.72</b>
<b>DIPLOMA</b> Mechanical Engineering	DOTe	CAPE Polytechnic college, Nagercoil.	<b>2013</b>	<b>78</b>
<b>HSC</b>	State Board	D.V.D Higher Secondary School, Nagercoil.	<b>2011</b>	<b>56.5</b>

## PERSONAL PROFILE

Father Name: K.R. Mahadevan  
Date of Birth: 27-10-1993  
Passport No: V5760670  
Address: 6 / 339, Vellalar west street, Krishnan coil, Nagercoil - 629001.  
Languages known: Tamil and English (RSW)  
Marital Status: Single  
Nationality: Indian / Hindu

I hereby declare that the details furnished above are true to the best of my knowledge and belief.

Place:

signature

Date:

(T.M. MUTHU KRISHNAN)