

M.MANIKANDAN

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CAREER OBJECTIVE

Seeking a challenging opportunity in the automobile field in progressive organization with wide scope for utilizing professional skills and opportunity for growth.

CAREER PROFILE

Mechanical Maintenance Engineer

- Engineer - Vensol Automation, Chennai.
- Engineering Trainee - TVS Sundram Fasteners Ltd, Chennai.

PROFESSIONAL PROFILE

- B.E Mechanical Engineering having **5 years of experience** in Maintenance (**Breakdown maintenance & Preventive Maintenance**) Engineering.
- Following the best continuous practice with Daily Work Management Team & raise the corrective & preventive action report for the chronicle issues.
- Well versed with various International codes and standards of production and quality system like **TPM, TQM, ISO 14001:2002 and OHSAS 18001:2007**.
- Project handling & development operations using various tools like **TPM, 5S**.
- Well known in familiar about the functioning of different machines like **CNC & VMC,HMC (AMS, BFW, Fanuc Robodrill, Micromatic, Doosan, kitamura)**

EXPERIENCE

- Working knowledge about mechanical parts in machine (**spindle, Ball screw, turret alignment, dressing units, gearbox, axis beds**).
- Operation and Maintenance of **AMS (400,450,650)**, LMW machines, VMC like Fanuc robodrill, Lathe machines and HMC machines.
- Operation & Maintenance of ultrasonic washing machines.
- Standardization of Preventive and Predictive maintenance check points.

- Prepare plan for preventive maintenance and execute & monitor the same.
- Maintenance of conventional machine, Bearing Assembly, Oil Pump Assembly.
- Hydraulic and pneumatic assembly presses.
- Maintaining power house relate activities like Genset (1500kva, 1010kva) & Transformer 11kv/2000 kva, Keaser Compressor.
- Maintaining the Daily power cost data & updating in system.
- Working knowledge about hydraulic power and pneumatics circuit oriented machines.

PROJECTS

- Implemented air leak prevention measures, resulting in a 20% decrease in power consumption.
- The project's implementation of an oil monitoring system and leak prevention measures resulted in reducing monthly oil consumption from 1500 liters to 1200 liters.

EDUCATIONAL QUALIFIATION

ACADEMIC YEAR	DEGREE	BOARD	INSTITUTION	PERCENTAGE
2014-2018	B.E	ANNA UNIVESITY	SRINIVASAN ENGINEERING COLLEGE,PERAMBALUR	6.71CGPA
2014	HSC	STATE BOARD	DON BOSCO HIGHER SECONDARY SCHOOL, VARADARAJAN PET.	69.08%
2012	SSLC	STATE BOARD	GOVT HIGH SCHOOL, DALAVOI.	74%

ACADEMIC PROJECT

- Analysis of “**Performance And Emission Characteristics Of Exhaust Gases In Diesel Engine With Diesel With Papaya Blended Biodiesel**”.
- Design Fabrication of Powered Water Sprayer By Using Both Fuel And Solar Power.

SAFETY & ENVIRONMENTAL PROJECTS

- Provided double hand push buttons with continuous pressing for all machines.
- Provided safety POKE YOKE & side door sensors to prevent unsafe.

PERSONAL DETAILS

- Fathers Name: A.Manikumar
- Date of Birth: 15-07-1997.
- Marital status: Single
- Nationality: Indian
- Linguistic Proficiency: Tamil and English (both R/W).
- Hobbies: Playing games & Hearing music

DECLARATION

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

Place:

Date :

Signature