**CURRICULUM VITAE**

**M.ARAVINDH**

**SR ENGINEER**-**ELECTRICAL & INSTRUMENTATION**

MAINTENACE DEPARTMENT

No: 1/74, West Street,

Athangothankudi Village Pooseri (Post), Muthukulathur (Tk)

Phone No: **7019191262** Ramanathapuram (DT**)-623 711**

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**CAREER OBJECTIVE**

To obtain a position that will enable me to use my strong organizational skills, educational background and ability to work well with people.

**SUMMARY**

A professional with **8** years’ experience in Automation Industrial in Electrical Maintenance Department with knowledge and skill on **PAINTS,FIBRE CEMENT SHEET** and **STEEL TUBE MFG** Automation Product machines like special purpose machine, general purpose machine, Hydraulic and Pneumatic systems.

**SKILL SETS:**

* Knowledge about various kind of Utility equipment.(Compressor / DG/Cooling Towers)
* In depth knowledge in maintaining, Document for several audit like **ISO-TS16949, and EMP Safety Health Environment Audit’s etc**.
* Knowledge about various kind of production related machinery like Presses / Conveyors / General Machinery.
* Grasping / Initiative /shoulder the responsibility / flexibility are my strength.
* Multi-tasking ability to direct & co-ordinate multiple assignments
* Training schedule to the subordinates.
* To achieve objectives and targets of the department.
* Man managing skills.

**PROFESSIONAL EXPERIENCE:**

**Working as Engineer (Electrical & Instrumentation) – Maintenance at JSW paints Pvt Ltd, Ballari Plant, Katakana State.**

**From Feb 2021 to till date**

* **JSW paints Private Limited** Specializes in JSW Paints is a greenfield venture backed by cutting-edge technology, automation, and scale that’s comparable to leading players in the sector. The company will manufacture and market both industrial coatings as well as decorative paints. In industrial coatings, JSW Paints commences operations with coil coatings. In the Decorative paints segment, the company will offer a complete range of only water-based paints for Interior & Exterior walls, wood & metal – various surfaces in Homes. According to industry estimates, India’s organized paints industry is expected to cross Rs. 50,000 crore by value by 2020 with a CAGR of 15%. JSW Paints has actively studied the market to understand evolving customer dynamics, need gaps as well as global trends. It aims to be a significant player in the Indian paints sector.

**Working as Deputy Engineer (Electrical) – Maintenance at Ramco Industries Ltd, Karur Plant, Katakana State.**

**From Aug 2017 to 29.01.2021**

* **RAMCO INDUSTRIES LIMITED** Specializes in manufacturing of Fiber cement sheet, Power roof, smart build and green corrugated sheet forming Components to customer specifications. RIL- has been rated as its best vendor in terms of quality, delivery and service, year after year.

**Working as Junior Engineer (Supervisory Grade Staff) – Maintenance at Tube Products Of India (P) Ltd, Tiruttani Plant.**

**From Jan 2014 to Aug 2017.**

* **TUBE PRODUCTS OF INDIA** Specializes in manufacturing of round and square shape steel tube forming Components to customer specifications. TPI- has been rated as its best vendor in terms of quality, delivery and service, year after year.

**Working as Technician – Maintenance at TVS-Sundaram Fasteners Limited, Chengalpattu.**

**From May 2013 to Jan 2014.**

* Company Profile: Located at Chengalpattu, India, **SUNDARAM FASTENERSLIMITED at (TVS)** is a Group of company. HUB, SHAFT & SPROCKET spare part systems specialize in manufacturing of heavy motors and cars to customer specifications.

**IN-PLANT TRAINING AT VAZHUDHUR GAS TURBINE POWER STATION PLANT, Ramanathapuram. (From 15 Days).**

**VGTPS**-Vazhudhur Gas Turbine Power Station plant in plant training attended.

**ROLES & RESPONSIBILITIES:**

* Green ply Industries is a well-known organization in the field of Interior Infrastructure manufacturing of Hydraulic Injection Machine & Hydraulic Presses,  Hydraulic Vacuum presses.
* Maintenance of PLC based manufacturing Machine **using Siemens S7-200, 300, TPI(Tube mill & Cutting Machine), Mitsubishi, Omron, Allen Bradley RS LOGIX 5000,Messung Nexgen 5000 PLC and DELTA B, E,C2000 SERIES AC Drive and DC Drive installation& commissioning, configuration, microprocessor based counter/Timer, VFD”s,Encoder**& maintain all activities related to maintenance department, Siemens PLC Programming.
* To knowledge of Lot of machines **ERRECTION & COMMISSIONING** works.
* To optimize breakdown under limitation to increase production.
* To Handle Successfully Electrical project (Planning, Coordination, Execution) of the Companies, overall electrical Installation, Commissioning Routing, 33 KV Sub-Station, **5500 KVA** Transformer (Testing) &**1250 KVA** AC Generator (Cummins), HT Panels, LT Panels, Synchronization Panel, ACB's, VCB's, Capacitor control Panel, CT, PT, LA, Rating estimation of motors, switch gears in New Factory Establishments, Maintain all Electrical documents associated with Maintenance Dept.
* Installation, Commissioning & Maintenance of Powder Coating, ED Coating & Various Hydraulics.
* To maintain Preventive maintenance such as Quarterly & other necessary documents as per schedule.
* Access to fault analysis in inverter (PPS, OPS, POWERTRONICS, SMA, DB POWER), LT Panel, HT Panel, 33/11KV & 11KV/433V TRANSFORMER to optimize plant Breakdown.
* Efficient data analysis like Plant Load Factor (P.L.F.),

* **Fuel injection systems:** Fuel injection combustors (JP-1 Aircraft fuel), fuel injection (Bosh pumps system), heavy fuel (crude), diesel oil injection pumps rotating combustors and furnaces
* Inert gas systems, Water treatment plants and systems, including boiler feeding water, sewage water disposal, drinking water, industrial processing water, and engine cooling water
* **Preventive:** Development and implementation of scheduled maintenance programs and lubrication plans, overhauls, outages, inspections, draft tasks, instruction books, procedures, checklists, and emergency response programs
* **Predictive:** Development and implementation of data collection systems and programs, fault trees, root cause analysis, temperature and vibration spectrum analysis, lubrication analysis, thermal growth, alignment and bearing management, Infrared monitoring and analysis, report and procedure drafting, and trend analysis and spectrum generation to prevent breakdowns
* **Corrective:** Development and implementation of corrective actions such as accurate length cutting measurements, balancing, lubrication plans, maintenance frequency, and training
* Documentations.
* Preparing Monthly report.
* Operation & Maintenance of **Cooling Tower, Chiller, 1250 KVA DG**.
* Maintenance planning comprising of periodical & preventive Activities.
* Maintenance plan preparation & achieving the customer schedule.
* To draw up preventive maintenance schedule in consultancy with production to ensure that the machines are available for the time set.
* Fulfilling Safety aspects
* To difficult Fault Troubleshooting of m/c Problems.
* Maintaining spare stock level for All Machines.
* Documentations.
* Carrying out **750KVA &1250 KVA DG**-Operations &Their services.
* Operation & Maintenance of Utility systems like D/G Sets, Compressor’s.
* Maintenance planning comprising of periodical & preventive Activities.
* To Guide Maintenance department to have a large **MTBF** and very low **MTTR** for all the machines (to set targets).
* Extremely proficient with the characteristics and purpose of **MCB,MPCB,MCCB,ELCB,RCB,POWER AND AUXILLIARY CONTACTORS VARIOUS TYPE Of SENSORS,LIMITSWITCHES,LVDT,RELAYS etc,,,,**
* Intercom List (Reliance Landline) online configured with fault locates to clear.
* Training schedule to the subordinates.
* TPI Plant - Safety Committee Member of my Electrical Department.
* To implementation of **TAG OUT & LOG OUT** systems
* To knowledge of **HMI, SCADA, PLC, DRIVES,**& etc.
* To achieve objectives and targets of the department.
* Analyzing Root-Cause & Providing CAR for major break-down.
* Team Leader of **Kaizen and Energy savings** of TPI, Tiruttani plant.
* To Educate **3c & 5s** concepts to operators and ensuring the adherence in the work place.

**CARRIER ACHIEVEMENTS:**

* Poke yoke method implemented in all Machine areas.
* 3C-5S Plant award achieved.
* Reduced breakdown period in Machinery sides.
* Introducing Periodic check sheets for all machines.
* Localization of Some of the critical spares to avoid major break down’s.

**STRONG KNOWLEDGE IN:**

* KAIZENS
* MTTR &MTBF
* FMEA
* 3C & 5S

**EDUCATION QUALIFICATION:**

**JUNE 2009 to June 2010** - Secondary School Leaving Courses with **80%** Rowther Sahib High School, Theriruveli.

**JUNE 2010 to June 2013** - Diploma in Electrical & Electronics Engineering ,**92%** Mohammed Sathak Polytechnic College, Kilakarai.

**(First Class with Distinction)**

**PERSONAL INFORMATION**

Father’s Name : N.Manoharan

State : Tamilnadu

Nationality : Indian

Religion : Hindu

Marital status : Unmarried

Language Known : Tamil & English (speak and write)

**DECLARATION:**

I hereby declare that all the details provided in my Curriculum Vitae are true to the best of my knowledge. I assure that I will carry out my duties with at most sincerity and dedication and strive for the betterment of the esteemed institution.

Yours Faithfully

Date

Place (M.Aravindh)