### D:\01.jpg K.MOHANASUNDARAM (B.E. MBA.,)

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Sivanandhapuram,

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Coimbatore 641035. Tamilnadu.

**~ Plant Maintenance**

**(“C” License No: C17423)**

**SYNOPSIS**

* A seasoned professional with **27 years** of experience in Plant Maintenance, Project Management and Team Management.
* ***Presently associated with Tractors and Farm Equipment Limited Madurai as Assistant Manager (Machine shop, Assembly and Paint shop Maintenance.)***
* Proficiently carried out efficient **Troubleshooting** in case of problems in functioning of process related equipment.
* Experience in **Supervising plant projects** with respect to Cost, Resource Deployment, Time Over-Runs and Quality Compliance; evaluating project progress & taking adequate corrective actions.
* Handled and successfully completed projects in a timely and accurate manner through **Planning and Scheduling** of various projects and resources.
* Successfully **Negotiated rates** with contractors and vendors.

**DOMAIN KNOWLEDGE**

1. **Currently working as Assistant Manager in Tractors and Farm Equipment Ltd- MASSEY FERGUSON TRACTORS ( Dindigul District , Tamilnadu ) taking care of Machine shop, Assembly, Paint shop and utility Maintenance (From Dec 2008 to till date)**

* Plant maintenance work (**Machine shop**, **Assembly shop, Paint shop and utility)** of the following equipment’s,

1. Makino A77 CNC machines, 2. Daewoo CNC machine, 3 Tool presetter,4 Overhead & Slat conveyors, 5.Hydraulic presses and Hydro pneumatic presses, 6.Electrical hoists, 7. Oil, coolant, diesel filling machines, 8.chassis number punching machines, Test rig machines and oil seal leak testing machines, 9.Paint booth ASU, Blowers, 2K painting system, 10. PT painting system, 11.Thermax boilers up to 10LKCPH (Diesel, LPG and LDO operated) 12.Painting burner and ovens,13.DG set, cooling towers, Compressor, Dryer,66/11 kv substation. 14. Lean lift (ARAS)

* TPM activity, MTTR reduction, MTBF enhancement, Kaizens, Low cost automation systems,
* POKE – YOKE (Fault proof machine and interlocking & SPMs (Special Purpose Machines).
* Plant maintenance on Tractor Load test equipment’s (Dynamometer), Shot peening machines.
* Over all Plant maintenance, Implementation of TBM/CBM, SAP based Spare parts planning, Work/shift allocation to sub ordinates, Shutdown planning and work execution.
* TPM and ISO work, BE (Business Excellence), QMS, Daily management system, Route cause analysis for breakdowns and leading energy conservation projects (Air, fuel and electrical power)

**TRAINING PROGRAMME ATTENDED IN TAFE**

1. Maintenance of Fanuc System FS30i/31i/32iA Bangalore
2. The 7 Habits of Highly effective people (EDP project) Franklin Covey program-Chennai.
3. Modern Manufacturing Management Chennai.
4. Closing the execution gap workshop – Frankline covey program – Chennai
5. Management Tools – Finance , IFMR Chennai
6. Performance Leadership program – Neuroleadership Group – Chennai.
7. Management Development programme, Bharathidasan Institute of Management – Trichy.
8. Program for Improvement of Self and My team ( PRISM ) Training- Madurai
9. Certified Internal auditor for ISO 9001:2015, ISO14001:2015 & ISO 45001:2018 standard**-**TUV India Pvt Ltd. Chennai

**KEY ACHIEVEMENTS:**

1. Successful Implementation of Vridhi Suggestion of Replacement of oil /duct collecting trays in PTCED and degreasing tank heater coil and avoid he component rejection and rework. Cost saved Rs 1.7 Lakhs per annum FY 2015-16
2. Successful Implementation of Vridhi Suggestion of Energy savings by arresting air leakage points in Assembly and paint shop. Cost saved Rs 65000.00 per Annum. FY 2015-16.
3. Successful Implementation of Vridhi Suggestion of Replacement of imported spares with indigenous spares for Daewoo CNC machine lubrication Cost Saved Rs 18000.00 FY 2015-16
4. Successful Implementation of Vridhi suggestion of Localization of critical spares used in vertical tyre machine. Cost saved Rs 14000.00 FY 2016-17
5. Relocation of 2 Makino and 1 Daewoo CNC machine from exiting plant location to new plant for plant upgrdation project. FY 2016-17
6. Successful Implementation of Vridhi suggestion of Replacement cost reduction and line stoppage avoidance by providing alternate material for telescopic cover in Makino CNC machine. Cost saved Rs 24000.00 FY 2016-17
7. Inspection of Injection moulding machines at Malaysia and successfully completed the erection & Commissioning of Injection moulding machines ( Arburge , Windsor )
8. Inspection of Thermoforming machine at Japan and successfully completed the erection & commissioning work
9. Inspection of Yamaha Mounter, Solder past printer and reflow oven at Singapore.
10. Inspection of High speed Milling machine / wire cut / spark erosion machine and successfully completed the erection & commissioning work.
11. Inspection of CNC turning center, Environment chambers in other state of country and completed the erection and commissioning work.
12. TPM, CFT, 3M, Vridhi, QCC Awards for successful completion of various projects.
13. Visit TAFE International Traktor ve Terim Ekipmanlari – Manisa Turkiye for rectification of the issues in new Assembly line machines ( 2nd Oct’2019 to 3rd Nov’2019)
14. CFT Gold Award for Availability improvement in Daewoo CNC machine from TOP management during TQM day Celebration In TAFE Chennai in Nov’2019.
15. **Worked as Assistant Manager Maintenance in PRICOL, Coimbatore (Primer Instruments and control Limited From Jul 1998 to Dec 2008)**

* Plant maintenance work of the following equipment’s,

1. High speed CNC milling machines (Mikron, Deckelmaho) 2. EDM & Wire cuts (AGIECharmilles) 3. Vertical Machining centre (Haindenhain, Siemens, Fanuc Control systems ) 4. Complete automated CNC turning centres (Fanuc control system) 5. Plastic Injection Moulding Machines both Vertical and Horizontal up to 275 ton (Nissei, Arburg, L&T,Windsor, Ferrowmatic Millacron) 6. Variety of Pneumatic, Hydraulic and mechanical presses.6) TIG Welding machines, 7. Complete automated centre less grinder (PLC Control system) 8) various type of SPM’s and GPM’s (PLC Control system) 8. Tool room equipment’s like auto lathes, surface grinders, milling machines, jig boring. 9. Type 5 Automation, Testing and R&D equipment’s like Weather O meter, Vacuum cold heat chamber, humidity tester, dust chamber, vibration tester, shock tester etc..10. Yamaha SMD mounter Solder paste printer, Thamura oven, Agilant optical inspection machine, reflow oven etc.11. Automated type 5 lines, ISCV lines, Speed sensor lines, MAPS sensor lines.

* In charge for both Electrical and Mechanical Maintenance of CNC, ISCV , PCMS 1&2, PRALAB , MAP , Speed sensor Departments in Plant 1
* Maintaining of generators, compressors, AC plants.
* Maintaining 22kv/433 v outdoor substation with its associates switch gears and transformers of 1000kva. MV Main and sub distribution boards with EB/GNR change over facility.

**TRAINING PROGRAMME ATTENDED IN PRICOL**

1. PLC Programming and Maintenance Toshni teck International Chennai.

2. ATC Interruption with alarm and power interruption DMG Deckel Maha Gildemeister-Blr.

3. Maintenance of CNC Turning Centre Lakshmi machine works ltd, Coimbatore.

4. Reactive power & harmonic Management L & T Limited Switch gear centre-Coonor.

5. Health and safety in foundries & engineering industries, The National safety Council-Cbe.

6. Lab view Basic I&II National Instruments Bangalore.

7. Six sigma Project – Pricol limited Coimbatore.

8. Effective Techniques & philosophies for Zero Equipment Breakdown & Achieve Zero Defects. International business forum -Chennai

9. YAMAHA Advanced level II training (SMD Mounter) Chennai.

10. CNC Machining –Makino Technical Training centre Bangalore.

11. Mikron HSM 400/Robofil 440cc/ Roboform 350 Maintenance – Singapore

1. **Worked as Engineer Maintenance in Sri Mathavalakshmi Mills Limited, Coimbatore. (From Sep 1993 – Jul 1998)**

* Plant maintenance work machineries like blow room, spinning frames and coil winding machines.
* Plant maintenance work HV Switch gears and Transformers.
* Shutdown maintenance work MV Generator and MV panels.
* Responsible for liaison with TNEB & CEIG authorities.

1. **Worked as Apprentice in TNEB , Coimbatore for Electrical supervisory Competency certificates “C” License 17423- Electrical Licensing boards. ( May 1990- May 1991)**

**CORE COMPETENCIES**

**Plant Maintenance**

* Effectively carry out planning, preventive & predictive maintenance to increase equipment reliability as well as plant availability.
* Working out annual maintenance plan quality in the process and maintenance practice.
* Identifying areas of bottlenecks /breakdowns and taking steps to rectify the equipments through application of trouble shooting tools like root cause analysis.
* Executing cost saving and energy saving techniques/measures and modifications the system to achieve substantial reduction in O&M Expenditures and work within the budget.

**Team Management**

* Defining, assigning & tracking KRAs, objectives, tasks & providing technical support to the team.
* Leading & monitoring the performance of team members to ensure efficiency in operations.
* Identifying & implementing strategies for building team effectiveness by promoting a spirit of cooperation between team members.
* Motivating team members in achieving the goals with awards and recognitions.

**CAREER CONTOUR**

**Since Dec 2008 to till date Tractors and Farm Equipment Ltd (Dindigul, Tamilnadu) as Assistant Manager-Maintenance Machine shop,Assembly shop, paint shop and Utility.**

**Jul 1998 to Dec 2008– PRICOL Limited (Premier Instruments and controls limited Tractors, Coimbatore Tamil Nadu)as Assistant Manager Maintenance Dept at CNC, ISCV PCMS 1&2 PRALAB MAP speed sensor.**

**Sep 1993 to Jul 1998 – Sri Mathavalakshmi mills limited Coimbatore Tamilnadu as Engineer Maintenance Dept at blow room, spinning frame, cone winding & power house.**

**May 1990 to May 1991–TNEB as Apprenticeship trainee for “C” certificate.**

**Key Highlights**

* Instrumental in encouraging the team members to take KAIZEN activities and implemented the same.
* Skilfully managed all AMC’s of critical equipment’s.
* Good Exposure in TPM.
* Achieve up time of machines more than 99%.
* Prepare annual budget for plant maintenance activities in line with business plan.
* Coordinating with operations for maintaining quality of machines.
* Managing the overall development of team thru effective and need based training and technical inputs.
* Planning & handling shifting of machine, erection & commissioning of utilities.
* SAP knowledge.

**ACADEMIA**

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| --- | --- | --- | --- | --- | --- | --- |
| **SL.No** | **QUALIFICATION** | **% OF MARKS** | **INSTITUTION** | **YEAR OF PASSING** | **REGULAR TIME / PART TIME** | **CLASS** |
| 1 | M.B.A Post Graduate General | 55% | Bharathiar University. Coimbatore, TN | Jun-2008 | CORRESPONDENCE (2002 – 2008) | 2nd class |
| 2 | B.E.  Electrical & Electronics Engineering | 62.37% | Government College of Technology. Coimbatore,TN | May-1995 | PART TIME (1991-1995) | 1st Class |
| 3 | D.E.E  Diploma in Electrical Engineering | 77.61% | P.S.G Polytechnic, Coimbatore, Tamilnadu. | Apr-1989 | REGULAR (1987-1989) | 1st Class |
| 4 | HSC  (12 th) | 76.08% | Saravajana HSS. | Mar-1987 | REGULAR (1985-1987) | 1st Class |
| 5 | S.S.L.C  (10th) | 50% | Sri Rangammal HSS. Coimbatore, Tamilnadu. | Mar-1985 | REGULAR (1975-1985) | 2nd Class |

**PERSONAL DOSSIER**

Date of birth : 12th May 1969

Languages Known : English & Tamil

Father Name : V.Krishnasamy.

Present Address : No. BT06, 3rd floor, Virat Apartment, Paravai Post, Madurai-625402.TN.

Yours Truly,

(**K.MOHANASUNDARAM)**

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