

PREMKUMAR.P

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VM Nagar (annex),Near Rose mahal,
Thiruvallur – 602 001
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OBJECTIVE

Seeking a career to implement my technical skills in an -innovative way, that conducive to the organization and benefit myself.

SYNOPSIS

Young energetic result oriented professional offering 12 **years** of experience, currently associated with **Flextronics India Pvt Ltd, Chennai** as **Sr. Engineer-Maintenance**.

- As a **Mechanical Maintenance Engineer**, carry out day-to-day Preventive & Breakdown maintenance, also maintains the defined targets such as Uptime, MTTR & MTBF and suggest feasible solution for major and repeated breakdown.
- As a **Maintenance Planner**, Planning and scheduling of preventive & predictive Maintenance. Documentation Control, Cost Analysis, Budget Monitoring etc.
- As a **Project Engineer**, heading the entire Mechanical team for completion of projects on time.

RESPONSIBILITY HANDLED

Maintenance

- Maintenance of **Utilities: Transformer (11KV), VCB, ACB, Generator (2000KVA), Compressors(570CFM), Nitrogen plant, Pump, Blower, Chiller (275TR), AHU, Split AC, Package AC, UPS(160KVA).**
- Maintenance of **Water Treatment Plant & Sewage Treatment Plant.**
- Maintenance of **Fire Hydrant system, Hi-pressure pump, Fire extinguisher.**
- Maintenance of **MHE** such as, **Forklift upto 5 ton, Stacker.**
- Maintaining the uptime of equipment's like **Automated Assembly Machines, Volumetric and Load cell based Filling Machines, Pad printing machines, Shrink tunnel, Hydraulic die cutting machines.**
- Maintenance of **Ink-Jet Printers(Domino-A200 series), Air leak testers (Cosmo).**
- Maintenance of **Ink processing(Dispenser & Mixers),Triple roll mill, Bead mill, Sigma mixer, Modelling dough kneader.**
- Operation and Maintenance of **Automobiles** such as **Tippers,Tauras, Transit Mixer,Bitumen Sprayer,Tata 407,Tata Ace.**
- Maintaining of **Spares Inventory(70% in PM & 30% consumption in Breakdown)**

Maintenance Planning & Documentation Control

- **Planning & scheduling** of maintenance cycles based on target, history and manufacture recommendations to maintain the sequence and series of action.
- Maintains and update all SOP and Quality records like checklist, service report.
- Arranging periodical inspection with third party Inspectors for Lifting tools and tackles, Forklift, Pressure vessels as per **Inspector of Factories requirement.**
- **Statutory Testing & certification.**
- Budget preparation & control. Cost analysis will be made on monthly basis against production and records it in order to enhance the maintenance process.
- Condition Monitoring and action upon it.
- Adequate Knowledge in **ISO 9001, ISO 14001 & ISO 45001,CEIG** Documentation.
- Coordinating with **TNEB** regarding power supply, Billing and statutory rules.
- Exposure to Lean, Kaizen,5S and Safety permits.

Production planning & control

- Based on the supply chain requirement will plan plastic moulding components for assembly production lines. The activity involves as follows,
Raw material Indent
Capacity planning
Subcon planning
Achieving Plan Vs Actual
Co-ordinate with transport manager for vehicle movement for transferring Raw material/Packaging material/Moulded components supply for production without i.-o. nterruption.
- Co-ordinate with Mould team for rectification of issues related to Mould.
- Responsible for material reconciliation.
- Productivity improvement done with the concept of Lean Management, Kaizen, Time study, Cycle time reduction.

PROJECTS & ACHIEVEMENTS

Flex:

- **LEAN GREEN BELT(LGB)** certified for leading a team involving in various lean/kaizen related activities & achieved a cost saving of 25k dollar.
- Warehouse facility readiness activities – 120k Sq.ft area
(Raw power/UPS power/Lighting/Dock focus light/HVLS Fan/Convex dome mirror/MHE charging station/Temperature control indicator/Fire Sprinkler system/HVAC system/CESD flooring/Groove cutting for TSP machine/Aluminium partition/Mesh fencing)
- HVAC system for canteen – 6k Sq.ft area
- Reduced the power cost rate by enabling various controls like auto on/off timer for AHU's, Air curtains & Street lighting, thus cost saving per annum is around Rs.15 Lakh.
- Reduced water cost by enabling treated water to all toilet flush & gardens, initiating aerator & press type taps.
- Initiated better visual control for stores material identification.
- Better Inventory control by enabling frequent audit & arranging critical spares on time.
Reduced the maintenance inventory from 40Lakhs to 20 Lakhs.
- Initiated new cable routing design for better aesthetic control.

Shachihata:

- Enabled Automatic capping for Marker assembly line and eliminated 5 nos of manpower per shift. Cost saving per annum is Rs.3.5 Lakh.
- Developed a new vibrator bowl which can be suitable for feeding newly designed tips. Cost saving is Rs.1 Lakh.
- Developed a cap & washer assembly setup(wadding) with the available ink filling machine, thus eliminated 5 nos of manpower. Cost saving per annum is Rs.3.5 Lakh.
- Developed AutoPKD for monobox printing, thus eliminated 7 nos of manpower per shift. Cost saving per annum is Rs.5 Lakhs.
- Developed die cutting machines at in house for felt, foam, cloth, PE sheet cutting. Thus eliminated subcontractor and transport cost. Redesign the cutting dies, with reduced wastage from 16% to 4%. Cost saving per annum is Rs.15 Lakhs.
- Developed pad printing in house, thus eliminated subcontractor cost. Printing cost reduced from 50paise to 5paise. Cost saving per annum is Rs.5 Lakhs.
- Developed new design for nib insert needle, thus reduced the nib rejection from 5% to less than 0.5%.

Spl:

- Reduced the Diesel consumption of Automobiles.

PROFESSIONAL EXPERIENCE

- **Sr. Engineer- Maintenance**
M/s.FlextronicsTechnologies (India) Pvt Ltd, Chennai. Sep 2018 to Till date.
- **Assistant Manager-Plant Maintenance**
M/s.Shachihata (India) Private Limited, Chennai. Sep 2013 to Sep 2018.
- **Engineer-Plant & Machinery**
M/s.SPL Infrastructure Private Limited, Chennai. May 2010 to Sep 2013.
- **Asst. Engineer-Plant Maintenance**
M/s.Radcoflex (India) Private Limited, Chennai. Dec 2008 to Feb 2010.

EDUCATIONAL STRENGTH

B.E – Mechanical Engineering - 67% (2004-2008)

Institute of Road and Transport Technology, Erode (Anna University)

HSC - 85%(2003-2004)

Seventh day Adventist Matric Higher Sec School, Periyakulam

SSLC – 80%(2001-2002)

Seventh day Adventist Matric Higher Sec School, Periyakulam

PERSONAL VITAE

Father's Name	:	V.Pandian
Date of Birth	:	27 th March 1986
Languages Known	:	English and Tamil.
Permanent Address	:	No-2,North Street,Govindanagaram(Po),Theni(Dt)-625517

I do hereby confirm that the information given above is true to the best of my knowledge and belief.

Date:

Place:

(P.PREMKUMAR)