

SURYA P

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PROFESSIONAL SUMMARY

Results-driven Maintenance Engineer with 5+ years of experience in plant maintenance, utilities management, and equipment reliability. Proven track record in reducing downtime, improving MTTR/MTBF, and implementing preventive & predictive maintenance strategies. Skilled in PLC troubleshooting, utilities operation, and vendor management with strong focus on TPM, safety, and continuous improvement.

PROFESSIONAL EXPERIENCE

MAINTENANCE ENGINEER || NIMPAA TELECOMMUNICATIONS PVT. LTD. || FEBRUARY 2021-PRESENT

- Executing preventive, predictive, and breakdown maintenance for critical equipment including transformers, DG sets, compressors, UPS, and fire protection systems
- Improved equipment reliability by reducing MTTR and increasing MTBF through structured root cause analysis (RCA)
- Coordinating with vendors and contractors for AMC management and service optimization
- Maintaining maintenance records, spare parts inventory, and audit documentation (ISO compliance)
- Driving Kaizen and continuous improvement initiatives to enhance operational efficiency
- Collaborating with production teams to minimize downtime and improve Overall Equipment Effectiveness (OEE)

UTILITIES & OPERATIONS

- Managed operation of 2 × 500 KVA DG sets ensuring 24/7 power availability
- Supervised 1000 LPH RO plant, maintaining water quality (TDS, pH, flow rate)
- Operated and maintained 22 HP screw compressors

- Maintained HT/LT panels, circuit breakers, and relays

**GRADUATE ENGINEER TRAINEE | NVH INDIA AUTO PARTS PVT. LTD. |
JANUARY 2017 – JULY 2019**

- Performed preventive and breakdown maintenance on hydraulic presses, ovens, chillers, conveyors, and motors
- Assisted in installation and commissioning of new machinery
- Developed maintenance schedules, reducing unplanned downtime
- Handled PLC panel troubleshooting and maintenance
- Maintained pneumatic and hydraulic system

UTILITIES

- Operated and maintained DG sets (320 KVA & 1010 KVA Cummins)
- Performed load sharing, cooling system monitoring, and power changeover operations
- Maintained cooling tower efficiency through water parameter control

TECHNICAL SKILLS

- Maintenance Strategies: Preventive, Predictive, Breakdown Maintenance
- Reliability Tools: MTTR, MTBF, Root Cause Analysis (RCA)
- Automation: PLC (Ladder Logic), Panel Wiring
- Systems: Pneumatics, Hydraulics, Field Instruments
- Utilities: DG Sets, Compressors, RO Plant, Cooling Tower
- Maintenance Concepts: TPM, OEE, Lean Maintenance
- Software: Microsoft office

CERTIFICATIONS

- Certified Automation Engineer (CAE) – Technocrat Automation Pvt. Ltd., Chennai
- Senior Professional First Aider – St. John Ambulance & Indian Red Cross Society

EDUCATION

- B.E – Electrical and Electronics Engineering (EEE) | SKR Engineering College Poonamallee | 2016 | **CGPA: 6.88**
- HSC | Sri Ramakrishna Mission Boys Hr. Secondary school Chengalpattu | 2012 | **Percentage: 73.6**
- SSLC | Government High School Anaicut | 2010 | **Percentage: 88.88**

ACHIEVEMENTS

- Best Trainee Award – 2018
- Implemented maintenance improvements leading to enhanced equipment uptime

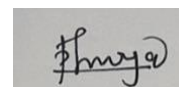
ADDITIONAL INFORMATION

- Languages Known: Tamil, English
- Area of Interest: AC Machines, Power Electronics

DECLARATION:

I hereby declare that the above particulars furnished by me are true to the best of my knowledge

Date:
Place:



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