

Kamalakannan D

Operation & Maintenance and Project Management Professional

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Passport: v0587877 valid till 15/04/2031

- Offering over 19 years of experience in Operations and Maintenance, Project Management, activities including budgeting, finalizing bill of materials, complete project planning as per project schedule and ensuring delivery within estimated timelines and budgetary allocations.
- Skilled in managing Installation & Commissioning activities of Machining Plant & Equipment involving resource planning, in-process inspection, team building and coordination with internal departments for smooth plant operations.
- Proficiency in directing Maintenance Operations for reducing breakdown / downtime & enhancing operational efficiency of equipment, effectively monitored performance bottlenecks & took corrective measures to avoid the same.
- Competent in end-to-end project planning and execution of Telecom sites with distinction of leading the installation, commissioning and configuration of equipment used for Infrastructure Development & Telecom Project.
- Created the annual sales plan including strategic objectives, forecasting, territory management, compensation plan, sales performance KPIs, recruitment and resources.
- Accurate & precise in all work-related assignments with ability to contribute to corporate goals; possess effective communication.

Experience

2015-11 – present **Deputy Manager- Core Maintenance facility**

Reliance Jio Infocomm Ltd, Vellore.

- Scheduled routine maintenance and repair of facility equipment such as DG, Transformers, HT/LT Panel, SMPS, PAC, UPS and battery bank boilers and Chillers.
- Operation and Maintenance of Substation equipment's including, issuing safety work permits, troubleshooting, condition monitoring etc.
- Maintenance of power transformers (110/33kV & 33/11kV), Circuit breakers (SF6, Vacuum), CTs, PTs, LA, Battery, Battery Chargers etc.
- Maintaining various records such as monthly operating reviews, daily log sheets, different registers etc.
- Involved in Erection, Operation and Maintenance of Circuit Breakers (Vacuum), Instrument Transformers (CT&PT), Protective & control Circuits, Testing and Calibration of Meters, Relays of the panel, battery chargers and its documentation
- To support the company's short cycle manufacturing programme, by ensuring minimum response times to equipment breakdowns, and achievement of world class MTTR, MTTF, FIT and MTBF, 5S metrics
- Execution of Preventive and breakdown maintenance of all Electrical, Electronics and Instrumentation equipment's.
- All statutory requirements like TNEB, CEIG related compliances follow up.
- Knowledge in Computerized Maintenance Management Systems (CMMS). Experience in MAXIMO is desired
- Planning and intending spares, Co-Ordinate with purchase department for material Follow-up.
- Calibration and maintenance of all type of Temperature, Pressure and Flow transmitters etc

- Actively participating in KAIZEN Events and leads these efforts as requested
- Manage Maintenance activities ensuring compliance with Health & Safety and Environmental Legislation in order to maintain compliance with all regulatory bodies
- Total Productive Maintenance (TPM) is a Maintenance Program which involves newly defined concept for maintaining plants and equipment.
- The goal of the TPM Program is Markedly increase Production while, at the same time, increase employee morale and job satisfaction.
- Performed preventative maintenance on electrical panels and distribution systems, saving customers 30% off future.
- Collaborate with Solar PV Project Engineers and Development Managers to provide project support for development, design and cost estimation activities.
- Perform system energy modelling and energy estimates using solar design software.
- Ensure compliance with company, industry, trade, and jurisdictional safety standards, practices, codes.
- Engineering support during construction, system commissioning and troubleshooting
- Maintained compliance with company standards to perform all maintenance activities.
- Coordinated and monitored vendor maintenance for large repairs.
- Prepared technical documentation for the operation, troubleshooting and maintenance of industrial systems for PLC and Human Machine Interface.
- Rendered technical drawings and electrical systems specifications that exceeded company standards.
- Performed in-depth electrical acceptance testing of completed hardware, including continuity and high potential Isolation testing.
- Training and encourage electrical technicians to optimize engineering performance.
- In Own and Facility sites EB and DG are entry in daily Activity done in the IEM Portal
- To assist and co-ordinate with EHS Manager/Supervisor on all EHS activities including implementation of policies/procedures, inspections and audits.
- Allocated various resources; resolved numerous technical problems impacting overall effectiveness of each Breakdown Complaints.
- Ensure high asset reliability without compromise to employee safety or environmental commitments.

2008-11 – 2015 - 10 Senior Engineer- BTS & Project

Aircel Pvt Ltd, Chennai

- Configuration and Testing of Ericsson SDH and PDH Microwave link
- Handling the 3G Family Groups of RBS 6201, 6202, 6601, 6601E, Scratch Nodding (Software Scripts) Every Node B Sites in RNC.
- Swapping from RBS Family's Groups 2000 To 6201(Combo Bts -2G + 3G).
- Migration activity in 3G Sites RNC to New RNC as per Planning.
- Maintaining NW Availability over 99.99%, Maintained near 2554 sites in our circle. (**Chennai AIRCEL**)
- Roll out Planning & Execution, directing & controlling project teams and other supporting departments and ensuring project delivery as per schedule.

2008-03 – 2006 - 03 Electrical Engineer- Oil and Gas for Phase 3 & 4 Expansion Project

Gama Qatar, Ras Laffan. State of Qatar

- **Site Engineer** for Qatar and managing the Camp & Onshore Project.
- Prepare the cable arrangements cross section details drawings in trenches and Duct banks and above ground as per project specifications.
- Review the lay out drawings compares the Electrical and instrumentation cathodic protection installation drawings execute the activities as per schedule.
- Checking the Electrical and Instrumentation Cathodic protection Equipment's and cable Schedule as per Project Specification.
- Manpower, Machinery control and Material management in the site. Follow up the work progress as per project planning schedule.

2005-12 – 2003 – 01 Engineer- O&M
Touchtel (Airtel) – Chennai

- Checked the Auto Main Failure Panel (AMF-Panel) and Generator weekly Twice times for Preventive & Breakdown Maintenance.
- Checked the power plant, DC Volt cell each check for monthly twice time and along with check in Back up condition in preventive & Breakdown maintenance.
- Check the Stabilizer input, output voltage in running condition. if any variation changes the setting value of Power Circuit Board.
- Check the External & internal alarms Extended in Main Switch Unit (Msu), for monthly periodically once time.

2005-12 – 2003 - 01 Trainee Engineer- Production
Delphi TVs – Sriperumbudur

- Termination the Wiring panel board of Assembling Machine Control Panel.
- Maintenance of Machines Exposure
- Electronic Printed Circuit Board
- Assembled the Machine.

Skills

Maintenance & Troubleshooting Utility Equipment



Project Planning & Execution



Quality Assurance



Vendor Development



Client Interaction



Predictive & Preventive Maintenance Spare Parts
Management



Cost Control/Material Management



Software

- MS Office Suite, including Excel.
- MS Project

Education

- **2015-06 - 2012-01** **BE- Electronics and Communication Engineering, Satyabhama University, Chennai**
- **2001-05 - 1998-06** **Diploma in Electrical and Electronics Engineering, Saint Michaels Polytechnic College, Chennai**

Languages

- Telugu - native
- English, Tamil – communicative in writing and in speech
- Malayalam, Hindi – communicative in speaking

Additional Activities

- Certified Fire Fighter.
- Certified Fire Aider.