

# ASHOK ML

**Maintenance Professional:** Expertise in running successful method-oriented operations and taking initiatives for business excellence through process improvement, targeting senior level assignments in **Automation, Programming & Instrumentation** with an organization of high repute

**Location Preference:** Bengaluru / Mangalore

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## Profile Summary

- Quality focused professional with **10years 6months** of experience in building world class deliverables in **Electrical & Automation/instrumentation Project Management, Erection, Installation & Commissioning and Operations & Maintenance of plant & machinery**
- Skilled in coordinating, planning/ implementing** changes to technology, equipment, process methodology and directing quality assurance & control systems and reporting procedures  
Expertise in **implementing cost saving techniques/ measures** and modifications to achieve substantial reduction in all types of expenditures and work within the budget
- Enterprising leader with a strong record of contributions that invigorated businesses, heightened productivity & enhanced internal controls by improving maintenance, energy, cost & EHS performance, machine utilization and quality performance
- Excellent in planning and effectuating preventive shutdown, breakdown and predictive maintenance schedules of equipment and components to ensure zero / minimum breakdown as well as machinery uptime increase and equipment reliability
- Ensured compliance as per Electrical Act and updating compliance report as per CEIG and continuous system improvement through implementation of ISO, EMS, OHSMS & WCM (World class Manufacturing)
- Expertise in managing projects and organization ensuring profitability by setting of realistic goals, directing, coordinating and keeping close watch for achieving the targets within the pre-defined period
- Worked in a multi-disciplinary & multi-location environment with hands-on approach in:
  - Executing predictive, preventive & breakdown maintenance schedules (daily & turnaround) for various equipment and conducting regular inspection & replacement of spare parts
  - Reviewing schematic / engineering drawings, layouts & technical specifications for installation, troubleshooting & commissioning; analyzing contractor's order proposals & submittals
- Exposure of implementing IMS internal/External audit for standards such as ISO 9001: 2015 (QMS), ISO 14001; 2015 (EMS), ISO 45001:2018 (OHSAS);
- SAP-PM implemented for Electrical & Instrumentation Maintenance
- Received Electrical supervisory license certification and license renewed
- Track record of establishing processes & SOPs, streamlining workflow by studying necessities & creating work environment to enhance productivity
- Directed cross-functional & cultural teams using **interactive & motivational leadership**; acknowledged for coaching & mentoring team members to achieve resource wise productivity & optimization
- A forward thinking person with **strong communication, analytical & organizational skills**.



## Core Competencies

Strategic Planning  
Resource Optimization  
Instrumentation & Automation

Quality Assurance & Control  
Safety Compliance  
Project Execution

Preventive & Predictive Maintenance  
Troubleshooting  
Team Building & Management



## Notable Accomplishments Across Tenure

- Organised & managed Commissioning, rewiring and testing of protection and metering circuits for **Transformer HT panels** with replacement of Old induction type relays by ABB make SPAJ 140C / Ref 610 / Ref 615
- Ensured Commissioning and testing of **HT Synchronising panel** ( check synch relay , synch scope and dark lamp method ) and of **PCC's** and **MCC's**
- Participated in Installing, Commissioning and troubleshooting of **VFD's ( ABB ,DANFOSS ,SEW , SIEMENS & AMTECH )**; Installing, testing and commissioning shooting of **CG VCB panels**
- Implemented various Power Saving projects (source BEE) such as DELSTAR converters for agitators, usage of Energy Efficient Motors, relocation of capacitor banks, running Generator with a reduced frequency, providing MCB's to MCC lighting and so on
- Designed a simple control and power circuit with incorporating VFD and also Implementation of gockel knife grinding machine control panel which was built around 1964 and imported from Germany
- Revised GRUNDFOS domestic water panel by incorporating JUMO controllers and danfoss VLT2800 VFD
- Proactively participated in various Kaizen implementation schemes and WCM activities

- Conducted motors health monitoring tests to avoid motor failure to enhance reliability of plant
- Trained and motivated team members to achieve performance targets like 98% reliability from electrical equipment and continuous power supply
- Worked towards building an environment conducive to growth by disposing E-waste through PCB certified vendors
- Implemented company strategies like safety procedure with safe work environment using LOTO system, work permit system using proper PPE's



## Work Experience

### Since Jul'19 Emmvee Photovoltaic Power Pvt. Ltd., Bengaluru as Senior Engineer (Maintenance)

#### Key Result Areas

- Managing and leading a team of **16 resources**; Providing direction, motivation & training to the team for ensuring optimum performance, design & implementation of performance management system for all the team members
- Establishing various implementation strategies for achievement of the organizational goals and supervising refinery mechanical maintenance for the set-up standards for strategic utilization & deployment of available resources to achieve organizational objectives
- Planning and effectuating predictive, preventive, corrective & breakdown maintenance schedules for various equipment to increase machine uptime & equipment reliability
- Monitoring projects with respect to cost, resource deployment, time over-runs, quality compliance and manpower planning to ensure timely execution of projects
- Functioning on Refurbishment of machines & programming for the same, new machines programming and so on
- Operating on DG to EB (KPTCL grid) synchronizing panel using WOODWARD governor controller EGCP-2, EGgen-3500; working on 250KW SINAMIS SIEMENS Drive online Changeover system for Standby Drive
- Functioning on FGDS (Wet scrubber)-Flue gas desulfurization
- Managing WCM projects for process steps-TFH Burner(thermic fluid heating system), setting belt, bundler, stacker; supervising Plasters plant -35 Tons/day Errection & Commissioning
- Replaced 4 Ton Electric Hoist with 5 Ton DEMAG EOT Crane; Contributing in Errection & Commissioning of Foam Heating system-33KW
- Deploying various methodologies to analyse processes, recommending modifications to minimize escalations, reduce rejection, realize operational efficiencies, control variability, costs & reduce cycle-time
- Identifying areas of bottlenecks & breakdown and non-conforming products; taking steps to achieve zero accident & customer complaints through the application of troubleshooting tools like root cause analysis
- Contacting meeting for Root Cause Analysis (RCA) to resolution of repetitive or chronic reliability problems involving collection of Design Data, Failure Mode Incident and participating in pilot Reliability Centred Maintenance (RCM) studies, Data, Process System Observation Data, & History Data to identify root cause
- Administering Tool Talks, HSE Promotional Campaigns, HSE Meetings and rewarding as per contract terms
- Reviewing / approving the offers received from Contractors against Fixed Price Works, Material Purchase Applications & more; negotiating and concluding with optimum prices & delivery, per company requirements
- Participating in LOTO implementation for Electrical, Pneumatic, Hydraulic isolations & faced LOTO audit
- Working on IMS (Integrated management system) documentation & Faced IMS Audit
- Managing and recording all documentations pertaining to ISO certification
- Liaising with BESCO / CEIG and coordinating with electrical inspectorate (CEIG) for conduction periodical inspection of electrical installation inside factory premises and submitting necessary documents like test reports of transformer oil testing ,protective relay calibration , earth pit health test report and so on



## Previous Experience

### Aug'12 - May'19 with Saint-Gobain India Pvt. Ltd. - Gyproc Business, Bengaluru as Engineer-Electrical Maintenance

#### Highlights:

- Planning preventive shutdown, breakdown and predictive maintenance schedules of equipment and components of power plants utilities to ensure zero / minimum breakdown as well as machinery increase up- time and equipment reliability
- Executing energy & cost saving techniques/measures and modifications to achieve substantial reduction in machinery & equipment
- Steered efforts that brought down through put time through enhancement in the quality of product & process
- Estimated areas of improvement and managed performance improvement projects; recommended process modifications & adoption of best practices to enhance operational efficiencies of systems
- Working out various requirements with respect to utilities, machines, manpower & monitoring overall operations for ensuring timely completion
- Enhanced plant service quality and equipment reliability by improving work-flows and optimizing maintenance processes
- Key link between maintenance, engineering and manufacturing centres, improved equipment design, reliability, and maintainability
- Ensured installation, repair of machines and mechanical systems and applied Continuous Improvement Methodologies (Lean, TPM or Six Sigma) in the plant
- Located sources of problems by observing mechanical devices in operations and used precision measuring and testing

instruments for resolving technical challenges

- Worked for product & employee safety, quality and sanitation requirements in conformance to corporate policy & regulatory rules
- Taking stringent quality measures including preparation of necessary documents to ensure compliance with quality standards & customer requirement
- Developed the monthly maintenance plan, performed root cause analysis as well as delivered various trainings



## Internship

**Dec'09 – May'12 with Tyco Electronics India (P) Ltd. (TE Connectivity), Bengaluru as Diploma Trainee**

### Highlights:

- Executing customer centric operations by understanding problem, providing troubleshooting and technical support towards maintenance of systems
- Ensured the availability of all the materials required for the shutdown maintenance activities
- Performed and inspected the breakdown and preventive maintenance of mechanical equipment



## Technical Skills

- SAP PM
- MIS Reporting
- IMS Documentation & Legal compliances (QMS,EMS & OHSAS)
- Certified Internal Auditor & Audited Many CFD's (Cross Functional Departments)
- PLC Program – SCADA, HMI, Soft Starter
- WCM
- TPM
- Microsoft Office (Word, Excel-Advance,Access & PowerPoint)
- Internet Applications



## Education Qualification

- **2008: Diploma in Electrical& Electronics Engineering** from DRR (Govt.) Polytechnic Davangere, Karnataka with 64.31%



## Personal Details

**Date of Birth:** 12<sup>th</sup> June 1988

**Languages Known:** English, Hindi, Kannada & Tulu

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