

## **ASHOK KUMAR**

Assistant Manager – Machine Repair & Maintenance (Engineering)

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Location: Rewari, Haryana, India

### **Professional Summary**

Accomplished Assistant Manager – Engineering with 9+ years of specialized experience in machine repair, preventive & corrective maintenance, and production equipment management within high-volume electronics manufacturing environments. Demonstrated expertise in leading maintenance teams, handling critical breakdowns, improving equipment uptime, and driving continuous improvement initiatives using TPM, KAIZEN, RCA, and CAPA methodologies. Known for strong leadership, hands-on technical capability, and delivering stable, efficient, and safe production operations.

### **Core Skills & Technical Competencies**

- Machine Repair, Advanced Troubleshooting & Breakdown Management
- Preventive, Predictive & Corrective Maintenance (TPM)
- Maintenance Team Leadership, Shift Planning & Skill Development
- PLC Programming, Electrical Troubleshooting & Machine Modification
- Root Cause Analysis (Why-Why, Fishbone) & CAPA Implementation
- Downtime Reduction, MTTR / MTBF Monitoring & FPY Improvement
- New Line Setup, Equipment Installation, Validation & Handover
- Customer, Internal, Process & Safety Audits
- 5S, KAIZEN, POKA-YOKE, 4M, 7QC Tools & Continuous Improvement
- Spare Parts Planning, Vendor Coordination & Maintenance Cost Control

### **Professional Experience**

#### **DBG Technology (I) Pvt. Ltd. – Electronics Manufacturing**

**March 2016 – Present**

##### ***Assistant Manager – Machine Repair & Maintenance (July 2025 – Present)***

- Leading overall machine repair and maintenance operations for assembly, glue dispensing, CCD, BTB, and tester lines.
- Managing and mentoring a multi-skilled maintenance team; allocating manpower and monitoring performance.
- Driving preventive maintenance strategies to improve equipment availability, reliability, and production stability.
- Reviewing daily machine downtime, MTTR, MTBF, FPY, and rejection trends; initiating corrective and preventive actions.
- Ensuring quick response to critical breakdowns, conducting in-depth root cause analysis, and implementing permanent solutions.

- Coordinating with Production, Quality, NPI, and Engineering teams to support mass production and new projects.
- Leading machine modification activities, PLC changes, safety interlocks, and automation improvements.
- Monitoring critical spare parts, planning inventory, and optimizing maintenance-related costs.
- Supporting customer audits, process audits, and equipment capability reviews.
- Ensuring compliance with safety norms, 5S, TPM standards, SOPs, and work instructions across production lines.

#### *Senior Engineer – Machine Repair (June 2018 – June 2025)*

- Handled complex and repetitive machine breakdowns during high-volume mass production.
- Executed preventive and corrective maintenance to reduce unplanned downtime and improve machine life.
- Played a key role in FPY improvement, rejection reduction, and CTQ parameter control.
- Worked closely with NPI teams to stabilize machines, optimize cycle time, and control process defects.
- Prepared and analyzed daily, weekly, and monthly reports on machine abnormalities, downtime, and FPY.
- Implemented KAIZEN, POKA-YOKE, and machine modifications to enhance reliability and operator safety.
- Ensured strict adherence to SOPs, work instructions, TPM, and 5S practices on the shop floor.

#### *Engineer – Machine Repair (March 2016 – May 2018)*

- Provided hands-on machine repair and troubleshooting support to assembly and testing production lines.
- Supported preventive maintenance execution and equipment validation activities.
- Assisted in root cause analysis of machine-related defects and implemented corrective actions.
- Maintained detailed machine logs, breakdown history, and maintenance documentation.

#### *Samsung Electronics Pvt. Ltd. – Manufacturing Engineering January 2014 – February 2016*

##### *Service Engineer – Machine & PCBA Repair*

- Diagnosed and repaired defective PCBA and electronic assemblies up to L4 level.
- Performed detailed fault analysis to identify component-level and process-related failures.
- Provided real-time feedback and corrective action inputs to production and quality teams.
- Maintained repair records, daily check sheets, and technical documentation as per quality standards.

- Supported customer and internal audits related to repair quality, process compliance, and traceability.
- Improved repair turnaround time by systematic troubleshooting and process standardization.

### **Machine & Technical Expertise**

- Glue Dispensing Machines
- CCD & CCD Screw Machines
- BTB Machines
- Screw Machines & Three-in-One Machines
- Air Tightness Testers
- Assembly & Testing Automation Equipment
- Jigs & Fixtures – Installation, Alignment & Modification
- PLC Programming & Electrical Troubleshooting
- Preventive & Corrective Maintenance Tools & Systems

### **Education**

Diploma in Electronics & Telecommunication Engineering – Delhi

Diploma in Mobile Engineering – Gurgaon

12th & 10th – Board of School Education Haryana

### **Key Strengths**

- Strong leadership and decision-making abilities
- Excellent analytical and troubleshooting skills
- Hands-on technical expertise with managerial mindset
- Ability to manage high-pressure production environments
- Continuous improvement and result-driven approach

### **Personal Details**

Date of Birth: 01 March 1988

Languages: English, Hindi

Nationality: Indian

Declaration: I hereby declare that the above information is true and correct to the best of my knowledge.