**JOBI ORDER FORM**

**JOB TITLE**
Equipment Maintenance Technician

**JOB ID**
17652

**OPEN DATE**
01/09/2020

**LOCATION**
San Jose

**HOURS/WEEEK**
40

**SALARY**
$20 - $DOE

**WORKDAYS**
Sunday-Saturday

**SHIFT/HOURS**
a 12 hour AWS Shift and overtime

**REQUIRED FOR POSITION**
Drug Screen, Background Check

**REQUIRED EDUCATION**
High School Diploma/GED

**DESCRIPTION**
Candidate will be responsible for maintaining specific tools on a wafer manufacturing production line in a class 100 cleanroom environment. The successful candidate will be able to work with minimal supervision, take initiative and collaborate effectively; they will demonstrate a willingness to learn, flexibility, creative problem solving, exemplary communication skills and an ability to think on their feet. Candidates must be flexible to work a 12 hour AWS Shift and overtime, as required by the team. The tool sets are as follows –

- Deposition, Beam Etch & Ion Mill – Veeco IBE, DLC 350, Veeco RF350 & RF 240 Ion Mill, etc.
- Wet – Plating (NiFe, MLO, Raider-MLO, Bake Oven, Asher-Etch, NMT & SRD systems, etc.), Resist Strip/Liftoff, Chemical Etch & CMP
- Photo – ASML, Canon, Nikon, FEI, & KLA Tencor systems, etc.
- Vacuum PVD – Balzers, Commonwealth, Comptech, CVC, ALD/HSALD, MeiVac, Unaxis, Veeco, and Anelva systems, etc.

Responsibilities:

- Perform routine preventive maintenance per schedule and MMM (Manufacturing Maintenance Manual) procedures for assigned tool set.
- Document routine preventive maintenance on PM checklists, record data if applicable and maintain completed checklist/history in tool logbook.
- Troubleshoot and repair routine unscheduled failures to root cause and select correct down code when closing out call for Equipment Engineer to improve MTBF (Mean-Time between Failure).
- Document routine preventive maintenance and unscheduled failures on Resource Viewer and Forum Notes equipment manufacturing tracking system and database
- Provide inputs to Shift Manager, Lead and/or Equipment Engineer to improve PM cycle-time, tool availability, quality/workmanship, reduce wafer scrap and cost of ownership.
- Provide Technical training and certification for maintenance personnel.
- Support Tool Owner and Equipment Engineer to define and write preventive maintenance procedures.

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**3 TO 5 KEY SKILL SETS REQUIRED**

**Qualifications:**

- Technical degree in Electronics, Military experience, or Semiconductor Industries experience.
- Must have excellent mechanical and electrical aptitude.
- Min 3 Years' Experience in Vacuum, Photo, or Wet/Plating Technologies.
- Ability to read electrical schematic diagrams and assembly drawings.
- Understanding of failure mechanisms, ability to isolate determine root cause and repair.
• Proficient in MS Windows Software (Word/Excel/Power Point/Outlook) & Forum Notes
• Effective team player with proven relationship building & communication skills, including cross-functionally with Maintenance, Manufacturing, Engineering, Peers, Management, Customers, and Suppliers.
• Knowledge of control systems and/or PLC (Process Logic Control)
• Ability to work overtime and weekends as required.
• Senior Level Equipment Maintenance Tech