



Equipment Engineer

Job description

Our Temecula Fab is seeking a qualified Equipment Engineer. In this role, you will be responsible for maintaining and improving the performance of the Fab production equipment while maintaining cost within budgetary limits. You will also be responsible for equipment qualifications, decommissioning, and support ramp up volumes and New Product Development as necessary.

In your new role you will:

- Drive to **increase tool availability** and **stability**, through problem solving methodology (8D, 5 whys, poke yoke, PDCA, fault tree analysis, etc.) and **tool improvement initiatives**
- Lead maintenance teams in **troubleshooting** efforts providing action plans and guidance when problems are difficult
- Work with maintenance team to **review PM procedures, training requirements and equipment improvement activities**
- Drive down **repair** and **maintenance cost initiatives**
- Identify **cost reduction** opportunities in consumables, spare parts, PM simplification / automation
- Responsible for the entire process of **equipment installation** and decommissioning activities, working with supplier and Infineon Technologies departments to ensure effective production release within **quality** and **safety standards**
- Support quality through Fab and assembly related issues, identifying **yield improvement** activities, providing improvement activities in response to customer issues

Profile

You are best equipped for this task if you have:

You are an effective communicator and effortlessly interact with all people. You are a fast learner, capable of quickly understanding complex situations/problems and using your quantitative analysis skills to come up with creative solutions.

- BS degree in Mechanical, Electrical, Electronics, Electromechanical, etc. or equivalent
- 5 years in **fab processes** experience in a **high volume semiconductor production line** desired

At a glance

Location: **Temecula, CA**
Job ID: **310633**
Start date: **Mar 22, 2021**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

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- In depth, **hands-on** experience with wafer **fab equipment (ion Implantation desired)** to **monitor** and **control tool performance to spec**
- Advanced equipment system and subsystem setup and **maintenance knowledge** (mechanical components, electrical and electronics diagrams, **troubleshooting** skills)
- Adequate knowledge of **semiconductor processes** (Understanding of materials, gases, species, **HiVac**, wafers, etc.) desired
- Strong technical and manufacturing specification writing skills
- Proficiency in **SPC, FDC, and DOE** desired
- Proficient in writing equipment specifications, training material and job aids
- Proficient on Microsoft Office application, JMP and MS project desired

