DRY ETCH TECHNICIAN

*Southern , CA*

**Principal Service Solutions is looking for a Dry Etch Technician**

**ROLES AND RESPONSIBILITIES**

* Performs preventive maintenance and setup, calibration of Fab equipment.
* Electrical, electronic, electrical and mechanical troubleshooting and repair of ion implantation equipment
* Maintaining equipment performance at optimal conditions, identify areas of equipment improvement and interface with engineering and equipment manufacturer for resolutions.
* Works with engineering in conducting experiments to improve operational quality.
* Should be comfortable working in a clean-room environment.
* Must adhere to strict specifications, procedures and regulations (internal and external) without deviation.
* Responsible for maintaining an orderly visual (5S+) workplace.
* Performs 5S audits and maintains the tools to the highest industry standards.
* Vigilant of surroundings to identify and correct potential unsafe conditions. Safety first mindset.

**DESISIRED SKILLS / COMPETENCIES**

* Individual must be highly motivated with a strong desire to work on the manufacturing floor in a dynamic work environment.
* Strong troubleshooting skills, hands on experience on Dry Etch tools, preferably with Lam 490, Tegal Etchers, Gasonics, LAM Alliance, Novellus PEP and others.
* Sense of urgency mentality within a Manufacturing environment.
* Ability to coordinate and execute in a teamwork environment.
* Should have good understanding of basic control systems, power supplies, able to read and create electrical schematics
* Clearly communicates ideas to others, both verbally and in writing. Strong technical writing skills.
* Skilled in manufacturing tools (SPC, PM Specifications, OCAP’s, Job Aids, etc.).
* Qualifications and Education Requirements

**REQUIRED EDUCATION**

* AS degree in Electronics, mechanical, electrical or equivalent. Required

**REQUIRED SKILLS**

* Minimum or 1-2 years cleanroom experience. Working on complex toolsets in a high volume semiconductor production line. (Training will be provided)
* Familiar and trained in electrical work up to 408 Vac.
* Good knowledge of High Vacuum systems.
* Good knowledge metrology equipment used to monitor qualify tool performance to spec.
* Strong electromechanical skills, able to use hand tools and small power tools safely.
* Basic knowledge of gas distribution systems would be plus as well as understanding cooling water systems but this is not critical.
* Basic MS office skills. Excel MS word, etc.
* Job Type: Full-time

**PSS is an equal opportunity employer and practices affirmative action measures.**

**All employees must be able to pass a drug test and background investigation.**