

Grower Technician**Position Description**

As a Grower Technician at SCIO Diamond, you may be responsible for installing and sustaining crystal growth processing equipment, vacuum systems, PLC controllers, equipment cleaning for production turns and protocol adherence control, among many other duties. You will provide technical support and perform preventive and corrective maintenance with the goal of increasing equipment productivity and reliability. You will work closely with Engineering and Production to increase equipment efficiency, improve the performance of supported equipment, and maintain product quality. You may be required to perform equipment installs, upgrades, and modifications as directed by the R&D team. You may be tasked to rebuild/rework individual parts and subassemblies with the goal of returning them to production-ready status. In addition to routine equipment maintenance and repair, you will be expected to solve and identify the root cause of failures as well as participate in teams to make long-term equipment improvements.

Position Requirements**Education**

- Technical degree, with appropriate experience in electronics, industrial electronics, manufacturing systems or semiconductor manufacturing
- Trade experience in electrical, mechanical or chemical fields
- Other degrees and equivalent experience will be considered

Beneficial skills

- Electronic theory
- Electronic/electrical diagnostics
- Experience with vacuum components and chambers
- Cooling systems
- Gas and liquid delivery systems for vacuum equipment
- GMP practices
- Production vacuum systems
- CVD crystal growth
- Understanding of high-temperature CVD processes
- PLC experience, inclusive of programming
- Electronic/mechanical assemblies from the semiconductor industry
- Analyze, conclude, recommend
- Problem solving
- Read and understand mechanical, electrical and instrumentation drawings

Desired attributes with a proven record of the following

- Mechanical aptitude
- Troubleshooting
- Computer skills for all Microsoft Suite programs
- Ability to travel (extended in the beginning)
- Ability to multi-task while solving problems
- Excellent listening skills
- Unquestionable work ethic
- Strong written and oral communication skills

- Prioritize tasks
- Independent worker
- Contributing team member
- Extreme attention to detail

Physical Requirements

Manual dexterity sufficient to carry a material ranging from 5 -75 lbs.

Location

Greenville, South Carolina