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MOVCD Technician

Description

MOVCD Engineering Technician

Responsibilities

MOCVD Engineering Technician:

- Responsible for standard technician duties when no one else is available.
- Maintain standardization charts on all tools within the characterization laboratory
- Qualify new machinery and requalify tools that have been repaired.
- Make any solutions that the laboratory might need for etching/ polaron.
- Track chemical inventory and make sure that it is ordered when necessary.
- Coordinate repairs on malfunctioning tools.
- Approve of any changes to the lab procedure.
- Record gas consumption every week.
- Actively monitor equipment's health, and plan preventive maintenance when needed
- Generate operational documents such as standard procedures as needed
- Correspond with outside vendors in professional manner

Bachelor's degree or higher

Qualifications

- This position requires a self-motivated, independent individual who can solve problems in a fast-paced environment while working effectively with others.
- The candidate is expected to learn the basic operating principles of all reactor systems and characterization equipment.
- Knowledge of MOCVD material growth and/or characterization is a plus.
- Candidates must have the ability to prioritize work and handle multiple tasks during the same shift. Attention to detail and excellent time-management skills are required.
- Strong analytical and computer skills; ability to analyze data, edit recipes, and manage databases for multiple systems.
- Desire to learn new processes and techniques as applied to MOCVD growth and materials characterization. Work with engineers to improve lab processes.
- Strong verbal and written communication skills; effective interpersonal skills are required.
- Must have the ability to assist engineering staff with data summaries, work instructions and the training of production personnel.
- Bachelor's Degree, relevant Associate Degree or coursework plus equivalent experience is required; demonstration of effective work experience in this field is a plus.

Hiring organization

Premier Personnel Group

Employment Type

Full-time

Beginning of employment

ASAP

Duration of employment

Full Time

Industry

Manufacturing

Job Location

South Plainfield

Base Salary

\$ 25

Working Hours

M-F 9 am – 5:30 pm

Job Benefits

Full Health and 401k