

## Manufacturing Operators – 2nd Shift (15% night differential)

Advanced Materials, a division of II-VI Incorporated, is a customer driven, world leading commercial supplier of high performance, high quality silicon carbide (SiC) substrates and other wide bandgap and high thermal conductivity materials such as CVD Diamond. Our products are used worldwide in the RF electronics, wireless infrastructure and power switching industries. We are committed to achieve performance excellence in all that we do.

We are currently seeking Operators for our 2nd shift (6:00 PM – 6:00 am) manufacturing operation to join our production facility located in Pine Brook, NJ. We are looking for self-motivated, disciplined operators in the following role:

### **Shift Schedule:**

2nd Shift - 6:00 PM to 6:00 AM

15% Night Differential

Work Schedule: Week One - 3 days on/ 4 days off

Week Two - 4 days on/ 3 days off

Overtime for 3 day work week will be paid after 34.5 hours.

### **Fabrication Operators:**

Responsible for the operation and maintenance of equipment for boule orientation, boule & wafer edge grinders, laser marker, wire and ID saws and wafer cleaning equipment.

Performs a wide variety of boule and wafer fabrication tasks in support of the pilot production, volume manufacturing processes.

Practical knowledge of semiconductor wafer fabrication and hands-on experience in the operation, maintenance and repair of fabrication process tools.

Ability to read and understand engineering drawings & process procedures. Experience with precision measurement methods and systems.

Ability to train new or inexperienced operators/technicians to operate equipment and processes.

Knowledge of and ability to work effectively with process development tools and systems such as SPC, DOE & ISO 9000 methodologies.

**Production Operators:**

Prepares raw materials, seeds, and hot zone components for crystal growth. Monitors and adjusts temperature, pressure, power and other process parameters.

Operates crystal growth, annealing, vacuum and other related technological equipment.

Ability to read and understand engineering drawings and directives.

Works under the guidance and supervision of the growth room supervisor.

Maintains order and cleanliness in the crystal growth and charge preparations areas.

Participates in the equipment maintenance programs.

**Characterization Operators:**

Performs a wide variety of polishing and clean room duties.

Performs daily calibrations and equipment verifications set by engineers.

Keeps accurate records and observational logs of all runs.

Quality assurance activities are followed so product standards are met or exceeded.

**Experience/Requirements:**

1 -3 years' experience in relevant technology, laboratory or production environment. High School Diploma or equivalent.

Must be able to work weekend hours. Overtime may be required.

Experience with networked PC based computer system. (Excel, Email, and MRP).

Must be technically inclined with mechanical skills.

Experience with problem analysis and resolution and reporting and documentation skills.

Excellent interpersonal and communication skills.

Demonstrated ability to follow instructions and procedures while offering suggestions for continuous improvement.

Experience with 5S considered a plus, but not required.

Due to ITAR compliance, this position requires that a candidate be a U.S. citizen, Permanent Resident Alien, or Protected Individual per 8 U.S.C. 1324b(a)(3).

Advanced Materials/II-VI Incorporated is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, age, sexual orientation, disability, or protected Veteran status.

We offer an excellent benefits package designed to attract and retain individuals willing to accept the challenge and risk associated with being part of a successful company. Our benefits include a company-wide bonus incentive program, medical, dental and vision insurances, 401K program with a substantial match, profit sharing program, tuition reimbursement, life insurance, paid time off (PTO), paid holidays, stock purchase program, computer purchase program and more.

Visit our website at: [www.II-VI.com](http://www.II-VI.com)

Employment is subject to verification of pre-employment drug screening results and background check.

No agencies or phone calls please.

Job Type: Full-time

Experience: Manufacturing: 2 years (Required)

Education: High school (Required)

Work authorization: United States (Required)