

# **Job Description Wafer Fab Operator**

## **Approvers/Dates**

Approvals are managed in electronic QMS

## **Revision History**

Revision History is managed in electronic QMS

307 SW Columbia Street  
Bend, OR 97702

**Wafer Fab Operator****SiCamore Semiconductor, Inc.**

SiCamore Semiconductor, Inc is a commercial foundry service developing, qualifying and manufacturing power semiconductors primarily in Silicon Carbide and Silicon. We aim to enable our customers' business and delight them as their premier choice for innovation in power devices.

**As A Wafer Fab Operator, you are....**

*To assist in the manufacturing of semiconductor devices. This position requires extreme attention to detail while loading of wafers into production equipment, verifying product specs with equipment settings, monitoring of the equipment during operation, adjusting pace and productivity, and recognizing when equipment or process needs recalibration. Responsible for processing wafers in a cleanroom environment following written specifications and performing multiple operations. You will be responsible for manual data entry on process travelers, SPC charts and log books, and computer data entry for lot tracking and equipment tracking. Will interface with multiple people and multiple functions. Reporting directly to the Process and Development Engineering Manager, the Wafer Fab Operator is integral to quality product delivery in a timely manner to all customers.*

**Specific responsibilities include:**

- *Interact with all levels of employees to increase output, reduce waste, standardize work instructions, incorporate continuous improvement, and improve communications and cooperation between departments.*
- *Engage in daily production operation and anticipate product problems (i.e. so that loss of work hours are minimized and production objectives are met.)*
- *Perform wafer fabrication functions in the production of semiconductor devices. Operate equipment in performing alignment, masking, etch, deposition and diffusion.*
- *Manually enter data for lot and equipment tracking*
- *Recognize and report equipment failures and suggestions for improvement to productivity.*
- *Exchange timely information with other team members on product flow and workforce needs.*
- *Demonstrate a keen awareness of safety practices and familiarity with OSHA standards.*
- *Perform technical writing creating and updating technical documents and process/work specifications.*

**To be successful in this role, candidates must possess the following background, skills, and experience:**

- *Minimum of a High School Degree (or GED).*
- *(6) years plus of relevant and related experience in a wafer fab or manufacturing environment or equivalent preferred.*

- *Must have very good hand and finger dexterity to use basic machine tools, handle small parts, and work from schematics and sketches.*
- *Good vision with or without glasses, to look at small images, or areas: in properly assessing and preparing and reporting issues.*
- *Ability to read, analyze, and interpret common scientific and technical documents, and apply basic mathematical concepts.*
- *Must have practical working knowledge of MS Excel and MS Word. SPC experience a plus.*
- *Solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.*
- *While performing the duties of this job, the employee is regularly required to talk or hear. The employee frequently is required to use hands to finger, handle, or feel. The employee is occasionally required to stand; sit; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl; and smell. The employee must frequently lift and/or move up to 10 pounds and occasionally lift and/or move more than 25 pounds.*
- *The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*
- *While performing the duties of this job the employee frequently works with or near chemicals and mechanical equipment including high temperature furnaces, electron beam evaporators, equipment that uses UV light sources, microscopes and RF plasma tools. The employee is occasionally exposed to moving mechanical parts, risk of electrical shock and vibration. Work is primarily performed in a clean room manufacturing environment. The noise level in the work environment is usually moderate. Temperatures in the work environment can range from 50 degrees F to 85 degrees F.*
- *Basic job knowledge of systems and procedures obtained through prior work experience or education.*

Specific job duties assigned within internal eQMS System.

Compensation is commensurate with experience and qualifications. Company provides medical and dental insurance, paid vacation and sick time off, paid Holidays, and a 401k plan. Each job at Sicamore Semi belongs to a specific job classification which has its own standard pay grade and is grouped in categories according to complexity, responsibility, and impact upon company operations. Non exempt positions may be overtime eligible.

Positions with Sicamore Semi may require a US citizenship or permanent residency to be in compliance with ITAR regulations. If you are not a US resident or citizen, you may be asked to obtain an export license.

Sicamore Semi is an Affirmative Action and Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, gender, sexual orientation, religion, national origin, marital status, age, disability, veteran status, genetic information, or any other protected status.

If you are interested in consideration for this position, please email your resume to [jobs@sicamoresemi.com](mailto:jobs@sicamoresemi.com).