



JOB DESCRIPTION

Job Title	EPI Cleanline Repair & Maintenance Technician
Location	GlobalWafers America: Sherman, TX
Category	Manufacturing Operations

This job description in no way states or implies that these are the only duties to be performed by the employee occupying this position. Employees may be required to follow other job-related instructions and to perform other job-related duties as requested, subject to all applicable state and federal laws. Certain job functions described herein may be subject to possible modification in accordance with applicable state and federal laws.

Summary

GlobalWafers is a leading company in the semiconductor industry with a strong work environment that allows employees to innovate, expand their potential and own their future. Our environment encourages positive thinking, integrity, and a “together as a team we win” attitude. In addition to providing a climate for professional growth, GlobalWafers America offers competitive salary, a comprehensive benefits program and a company matched 401(k) savings plan.

GlobalWafers is building a state-of-the-art facility in Sherman, TX. This facility, GlobalWafers America, will be the most advanced in the GlobalWafers family and will be the new base for future expansions. At GlobalWafers America, we are looking for talented self-starters with imagination, creativity and vision. We are seeking individuals who are original thinkers, possess the drive to achieve results, and have the capacity to assume increasing responsibility in a highly successful global organization. This is an opportunity to be part of a \$3.5B start-up facility and help contribute to solving the US semiconductor shortage.

Essential Job Functions

- Performs functions associated with all manufacturing operations, including working with engineers in set-up and calibration tasks, as well as performing rework and quality testing related to the production of parts, components, subassemblies and final assemblies.
- Uses sophisticated programs to collect and evaluate operating data to conduct on-line adjustments to products, instruments or equipment.
- Determines and may assist in developing methods and procedures to control or modify the manufacturing process.
- Works with engineers in conducting experiments.
- Performs preventative maintenance for manufacturing equipment in coordination with company standards and objectives.
- Ensures timely response to restore manufacturing equipment to production status.
- Prioritizes and maintains work schedules based on production deadlines and ensures deadlines are met.
- Maintains a reporting system that reflects schedules, performance, and procedures.

Ancillary Job Functions

- Perform other related duties as assigned.

Required Qualifications

- 5 or more years of practical experience in EPI, Metrology, or other semiconductor equipment tool sets.
- Hands on experience with either CVD or MOCVD reactors.
- Ability to read and interpret blueprints, schematics, diagrams, and P&IDs.
- Experience in technical writing for BKMs, specifications, or work instructions.
- Proficiency in rough construction using hand and power tools.
- Experience with stockroom management or spare parts ordering.
- Emergency Response Team (ERT), Hazwoper Certification, First-Aid, and/or AED skills.

- Knowledge of facilities systems, including deionized water, acid exhaust, general exhaust, life safety, bulk process gases, chemical delivery, and liquid plumbing.
- Willingness to collaborate with multifunctional, multinational teams and external contractors.

Preferred Qualifications

- Expertise in making critical technical decisions.
- Strong leadership skills.
- Ability to multitask effectively.
- Proficient in troubleshooting.
- Excellent verbal and written communication skills in English.
- Proficiency in lock out tag out (LOTO) procedures.
- Familiarity with flammable, inert, and toxic gases.
- Knowledgeable about acids, bases, and hazardous chemicals, including HF

Work Authorization

GlobalWafers America will only employ those who are legally authorized to work in the United States.

- This is not a position for which sponsorship will be provided.
- Individuals with temporary visas such as E, F-1, H-1, H-2, L, B, J, or TN or who need sponsorship for work authorization now or in the future, are not eligible for hire.

Equal Opportunity Employer

GlobalWafers America is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to sex, race, color, religion, national origin, age, marital status, political affiliation, sexual orientation, gender identity, genetic information, disability or protected veteran status. We are committed to providing a workplace free of any discrimination or harassment.