



Process Technician for 3D Glass Solutions

Process Technician Provides technical support to engineers to ensure production goals of the organization are met and provides technical assistance related to the sustaining and review of existing processes and equipment; and design of new processes and equipment.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Completes manufacturing work/projects by organizing and controlling project elements and manufacturing processes.
- Completes procedures to assure quality assurance/control of finished products.
- Completing standard operating procedures and protocols related to process flows, quality control and document control as required
- Works under general supervision
- Assist engineers as they create, modify, and test products and processes.
- Prepare and conduct experiments and conduct tests and collect data.
- Complete solutions to technical process and production problems with engineering review.
- Calculate or record results during experiments. Maintain processing, production, and inspection information and reports
- Inspect materials, components, or products for surface defects and measure circuitry, using electronic test equipment, precision measuring instruments, microscope, and standard procedures.
- Perform extensive research and development during creation phase of product.
- Inspect products and processes for flaws and identify areas of improvement.
- Assist and support product design, development, and production.
- Build and set up equipment.
- Clean and maintain equipment, including replacing etching and rinsing solutions and cleaning bath containers and work area, as needed
- Set, adjust, and readjust computerized or mechanical equipment controls to regulate power level, temperature, vacuum, and rotation speed of furnace, according to crystal growing specifications
- Monitor operation and adjust controls of processing machines and equipment to produce compositions with specific electronic properties
- Calculate etching time based on thickness of material to be removed from wafers
- Inspect equipment for leaks, diagnose malfunctions, and request repairs

- Align photo mask pattern on photoresist layer, expose pattern to ultraviolet light, and develop pattern, using specialized equipment
- Scribe or separate wafers into dice, as needed
- Mount wafers, using special mounting devices, to facilitate their positioning in the holding fixtures of sawing, drilling, grinding or sanding equipment
- Maintain safe and clean working environment by applying Company procedures, rules, and regulations
- Complete work in a safe manner by enforcing procedures, rules, and regulations
- Maintain product and company reputation by complying with federal and state regulations as well as internal product quality requirements
- Contribute to team effort by accomplishing related results as needed
- Works under supervision
- Other duties as assigned

EMPLOYMENT CATEGORY

- Regular full-time

BASIC QUALIFICATIONS, EXPERIENCE, SKILLS AND EDUCATION REQUIRED

- Associates degree in technical/manufacturing field or at least three years' experience in similar
- Experience with setting up and operating machinery and updating settings, as needed
- Understanding of technical exposing, etching, plating, baking and polishing processes

LOCATION OF EMPLOYMENT

Albuquerque, NM

Send CV or resume via email to careers@3DGSinc.com